Memo. No. : TU/MBBT/ONGC-CPBT/Corres./2009/28/ 284

(24)

Date: 19/08/2014

To

The Vice Chancellor,

Chairman, ONGC-CPBT

Tezpur University

Subject: Modified project proposal for your kind consideration.

Sir,

As per the resolution no. 15 of the annual Review Committee meeting of the ONGC-CPBT which was held on 2nd June 2014, the project proposal entitled "Development of phytoremediation protocol for bioremediation of crude oil contamination" submitted by Dr. T. Medhi, Department of MBBT, Rs.2.5 lakh per year has been sanctioned.

Accordingly, Dr. T. Medhi has been submitted the revised project proposal to the Head, ONGC-CPBT. Therefore, I request you kindly to consider this revised proposal entitled" Development of phytoremediation protocol for bioremediation of crude oil contamination".

Thanking you

19.8.2014

(A.K. Mukherjee)
Head, ONGC-CPBT
Department of MBBT
Tezpur University

Enclosure:

1. Revised project proposal submitted by Dr. T. Medhi.
2. Letter from Dr. T. Medhi

Copy to:

1. ONGC-CPBT file

Head - ONGC (CPBT)

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तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

संकायाध्यक्ष का कार्यालय, शोध व विकास

OFFICE OF THE DEAN, RESEARCH & DEVELOPMENT

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

OFFICE ORDER

Dated 16 September, 2016

The tenure of the ONGC-CPBT sponsored project entitled **"Development of phytoremediation protocol for bioremediation of crude oil contamination"** under the Principal Investigator Dr. T. Medhi, Assistant Professor, Department of Molecular Biology & Biotechnology, Tezpur University is hereby extended till 31/03/2017.

Issued with due approval.

Dean, Research & Development
Tezpur University
Date: 16.09.2016

Memo No. DoRD/MBBT/TM/20-214/7192-A

Copy to:

1. Head, ONGC-CPBT, Tezpur University.
2. Head, Department of Molecular Biology & Biotechnology, Tezpur University.
3. Finance Officer, Tezpur University.
4. Dr. T. Medhi, Assistant Professor & Principal Investigator, Department of Molecular Biology & Biotechnology, Tezpur University.
5. Concerned File.

16.9.2016

Dean, Research & Development
Tezpur University

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तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
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संकायाध्यक्ष का कार्यालय, शोध व विकास
OFFICE OF THE DEAN, RESEARCH & DEVELOPMENT
तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

OFFICE ORDER
Dated 12 April, 2018

The tenure of the ONGC-CPBT sponsored project entitled **"Development of phytoremediation protocol for bioremediation of crude oil contamination"** under the Principal Investigator Dr. T. Medhi, Assistant Professor, Department of Molecular Biology & Biotechnology, Tezpur University is hereby extended from 11/04/2018 to 31/03/2019 with an additional amount of Rs. 4,17,000/- (Rupees four lakh seventeen thousand) only. The period from 01/04/2017 to 10/04/2018 is treated as gap period.

Issued with due approval.

Dean, Research & Development
Tezpur University
Date: 12.04.2018

Memo No. DoRD/MBBT/TM/20-214/ 404-A

Copy to:

1. Porf. M. Mandal, Head, ONGC-CPBT, Tezpur University.
2. Head, Department of Molecular Biology & Biotechnology, Tezpur University.
3. Finance Officer, Tezpur University.
4. Dr. T. Medhi, Assistant Professor & Principal Investigator, Department of Molecular Biology & Biotechnology, Tezpur University.
5. Secretary to the Vice-Chancellor for kind information of the V.C.
6. Concerned File.

12/4/2018

Dean, Research & Development
Tezpur University

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United Nations Children's Fund
Office for Assam
House No.27
Basisthapur Bylane No 3
Beltola Road
Guwahati - 781 028

Phone: + 91 0
+ 91 0
Fax : + 91 0

AFO/C4D/2016/60
24 February 2016

C L Mahanta
Dean, Research and Development
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Dear Dr. Mahanta,

C4D Partnership with Tezpur University: Advancing Communication For development (C4D) as a strategy for Social Change in Assam and North East Region (1 March-31 Dec 2016)

With reference to your letter dated 19 Feb 2016 regarding **'Proposal for Advancing Communication For development (C4D) as a strategy for Social Change in Assam and North East Region , (**coordinated by Prof Joya Chravarty, Assistant Prof, MCJ, Department under the Supervision of Prof Abhijit Bora HoD, MCJ, Department), we are happy to confirm our support.

In this regard, we have reviewed the budget submitted by you and confirm out support to a maximum of Rs **30, 30,000** /-. (Annex- budget sheet)

MAR-MAY 2016	JUN-AUG 2016	SEP-DEC 2016	DEC 2016
1st tranche	2nd tranche	3rd tranche	4th tranche
371,600	**727,100**	**1,612,200**	**319,100**
Total	Rs **3,030,000** /-.		

We would request you to kindly let us have the duly completed FACE form to enable us to release the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants, as well as report which would enable us to liquidate this amount.

As part of our standard operating procedure, we need to undertake the financial assessment of Implementing Partners. In this regard, UNICEF operation and finance team may visit your office on periodic basis, upon mutually convenient dates, and review the financial processes and systems with your accounts and finance staff.

Please take note of the following requirements with regard to management of funds released by UNICEF.

1. Fund should be utilised only for the purpose for which they are released as per the approved budget.
2. **Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than three months from the date of release by submitting the following.**

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- **Statement of Expenditure (SOE) duly signed and stamped by the concerned official in UNICEF prescribed format.**
- **Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure (SOE).**

Please note that as per financial rules. UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.

3. If your department/organisation is not in a position to utilize UNICE's cash assistance within a period of five months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of cheque payable to 'UNICEF'
4. Unutilized fund can't be retained by you or spent for any other activity without prior written approval of UNICEF.
5. Please note that deviation in any budget line item should not exceed 10%. Deviation, beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that the total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) is desirable.

Please be informed that our financial regulations require that all relevant vouchers be stamped 'PAID – CHARGED TO UNICEF ACCOUNT' and are retained in your files for four years.

UNICEF Assam Office's operation and finance team may visit your office on periodic basis for on-site reviews in the form of '**spot checks**' of the cash assistance. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will also be conducted time to time during the implementation of the activities by Programme officers from UNICEF and a **Programme monitoring report** will be submitted to UNICEF by the visiting officers.

Looking forward to a fruitful partnership to take ahead the agenda of Social and Behavior Change Communication (SBCC) in the state.

With best regards,

Yours Sincerely,

Sweta Patnaik
Officer Incharge

Cc: Ms Joya Chravarty, Assistant Prof, MCJ, Department
Dr. Biren Das, Registrar, Tezpur University

Encl: Detailed Budget

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United Nations Children's Fund
Office for Assam

Serial No. 4728
Date of R... 22.04.2016
File No. ...
Recd. by ...

AFO/C4D/2016/ 77
14 March 2016

Dr. Biren Das
Registrar, Tezpur University
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Dear Dr. Das,

C4D Partnership with Tezpur University (Cultural studies department): Using Folklore for Community messaging: Adolescents as agents for Change and Empowerment (15 March 2016 to 31 December 2016)

With reference to your letter dated 10 March 2016 regarding **'Project Proposal for Using Folklore for Community messaging: Adolescents as Agents for Social Change and Empowerment (2nd phase)'**, Cultural Studies department, we are happy to confirm our support.

In this regard, we have reviewed the budget submitted by you and confirm out support to a maximum of Rs. **4,375,500/-** (annex- budget sheet)

S. No.	Particulars	15 Mar-May 2016	June-Aug 2016	Sep-Nov 2016	Dec 2016
1.	'Project Proposal for Using Folklore for Community messaging: Adolescents as Agents for Social Change and Empowerment' (2nd phase)	924,500	1,178,000	2,111,000	1,62,000
TOTAL BUDGET	Rs 4,375,500/-				

We would request you to kindly let us have the duly completed FACE form to enable us to release the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants. as well as report which would enable us to liquidate this amount.

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   - **Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure (SOE).**

Please note that as per financial rules, UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.

M. Das
For n/a
14/3/2016

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United Nations Children's Fund
Office for Assam

Serial No. 4728
Date of R... 22.04.2016
File No. ...
Recd. by ...

AFO/C4D/2016/ 77
14 March 2016

Dr. Biren Das
Registrar, Tezpur University
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Dear Dr. Das,

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TOTAL BUDGET	Rs 4,375,500/-				

We would request you to kindly let us have the duly completed FACE form to enable us to release the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants. as well as report which would enable us to liquidate this amount.

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Please note that as per financial rules, UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.

M. Das
For n/a
14/3/2016

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ASIA-PACIFIC NETWORK FOR
GLOBAL CHANGE RESEARCH

APN Secretariat, East Building 4F, 1-5-2 Wakinohama Kaigan Dori, Chuo-ku, Kobe, 651-0073 Japan
Phone: +81-(0)78-230-8017 Fax: +81-(0)78-230-8018 Email: info@apn-gcr.org Website: www.apn-gcr.org

Ref. CRRP2016-06MY-Ku
Created: 16 May 2016
Last updated: 01 June 2016
Ver. 4

APPROVAL NOTIFICATION OF APN ACTIVITIES UNDER COLLABORATIVE REGIONAL RESEARCH PROGRAMME (CRRP)

1 June 2016

Project Leader:	Dr. Manish Kumar
Project Reference:	CRRP2016-06MY Kumar
Project Title:	Development of New Water Supply Strategies in Two Watersheds of India and Sri Lanka in the context of Climate Change, Rapid Urbanization and Population Growth: A Vulnerability Assessment Approach
Project Award:	**US$ 42,000 (Year 1); US$ 33,000 (Year 2)**

Dear Dr. Manish Kumar,

Following the announcement of the Call for Proposals, I would like to congratulate you again on being approved to receive funding from the APN under CRRP. I am writing to request some immediate information so that we may draw up your Contract as soon as possible, and to give you a brief overview of the APN funding, reporting and administrative procedures to ensure you are not met with any surprises during the year.

Please note that the official **Project Reference Number** for your approved project is quoted above. Please quote this reference number in all communications with the APN Secretariat

I would also like you to note that the present award is a **conditional award, with the condition(s) that:**

1. Grant: The Project Leader and the Authorized Representative of the Grantee (see page 2 point 6) acknowledge and accept in writing in advance of signing the APN Contract that only 80% of the grant can be advanced for the entire duration of the project activities (in this case for 3 years). The remaining grant of up to 20% can only be remitted to the Grantee after all reporting requirements are completed.

2. Acknowledgment: The APN is to be duly acknowledged in all relevant publications produced as a result of the activities undertaken in the project. Note the full name of the APN is *Asia-Pacific Network for Global Change Research*.

3. Website Linkages: A link is to be established between the APN and the main website for the project. The APN's logo should also be displayed on this website

4. The Project Leader regularly updates the project profile on the APN website.

In order to begin the administrative preparations that will allow us to draw up your Contract, we would like to request that you submit **electronic copies** of the following documents by emailing Dr. Linda Stevenson

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APN Secretariat, East Building 4F, 1-5-2 Wakinohama Kaigan Dori, Chuo-ku, Kobe, 651-0073 Japan
Phone: +81-(0)78-230-8017 Fax: +81-(0)78-230-8018 Email: info@apn-gcr.org Website: www.apn-gcr.org

lastevenson@apn-gcr.org **by Friday, 17th June 2016.** Ensure that all emails are also carbon copied to Ms. Dyota Condrorini (dcondrorini@apn-gcr.org) and Ms. Huong Long Dinh (hdinh@apn-gcr.org).

1. **Acceptance letter from the Project Leader and Authorised Representative of Grantee.** An official letter, with institutions letterhead, signed by both Project Leader and Authorised Representative of the grantee, expressing acceptance of the award and the conditions mentioned above, and includes detail of the contribution (both in cash and in kind)

2. **Written Confirmation of Institution/Organization Involvement and Details of Co-funding:** An official letter (with official letterhead), signed by collaborators, from collaborating institutions are to be submitted to the APN Secretariat with details of the involvement and co-financing costs, including all aspects of in-kind contributions, of other organizations.

3. **A detailed timeline presented year-by-year (and broken down month-by-month) for your project with dates and locations of main workshops and project-related meetings**. Note that, as Contract procedures can take up to two months to finalize, it would be in your best interest to begin the project no earlier than mid-July 2016.

4. **An updated budget estimate up to a maximum of US$ 42,000 for Year 1 and US$ 33,000 for Year 2, complete with a fully detailed breakdown of the costs.** The final budget is subject to standard negotiations between you as the Project Leader and the APN Secretariat following the submission of your revised budget. Note that the updated budget must not exceed the maximum amount of the award stated in the present notification and should be in line with the present financial regulation (attached for your reference).

5. A clean copy of your fully updated proposal incorporating the responses from reviewers, **including the coversheet, quoting the project title and new reference number above and incorporating parts 3 to 4 above.** The most recent proposal submitted to us is attached in PDF format to facilitate this request.

6. **Details of who will sign as Authorized Representative of the Grantee:** You will be required to sign the contract as Project Leader, but someone else is required to sign on behalf of your organization. For example, this might be the Director of your institute or someone from the Sponsored Projects Office of your University. Please supply their name, title and contact details.

Regarding the general APN accounting and administrative procedures, it is important that you are aware at this early stage of some of the requirements the APN is held to by its sponsors. The project and reporting requirements are listed below for your information.

1. *A Progress Report (appropriate for multi-year projects not in their final year) to be submitted each year of the project.*
2. *Financial Report (appropriate for each year of the project and detailing expenditure according to the financial regulations of the APN) to be submitted each year of the project.*
3. *Final Technical Report (after the completion of the project).*

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APN Secretariat, East Building 4F, 1-5-2 Wakinohama Kaigan Dori, Chuo-ku, Kobe, 651-0073 Japan
Phone: +81-(0)78-230-8017 Fax: +81-(0)78-230-8018 Email: info@apn-gcr.org Website: www.apn-gcr.org

4. *Featured article of the project (after completion of the project).*

Regarding the timeline for your project, you will have the full period from the date the APN Secretariat Director signs the Contract to complete your project activities. However, a financial statement and fully detailed financial report MUST be submitted to APN **within 30 days after the end of the first year (and second and third where applicable)** in accordance with APN Financial Regulation. Further information on contents of and deadlines for the above-mentioned reports will be provided in the Contract that you will sign.

Please note that if you have any problems and/or concerns about the contents of this award letter or any concerns about your project in the future, these should be addressed to me, Dr. Linda Stevenson lastevenson@apn-gcr.org with carbon copy to Ms. Dyota Condrorini (dcondrorini@apn-gcr.org) of **the APN Secretariat**.

We appreciate your prompt reply to our request for updated project information, and we look forward to learning about the results of your project in due course. Please note that until we get the information requested in this letter we cannot draw up your Contract and so cannot make any project payments to you.

Sincerely,

Dr. Linda Anne Stevenson
Head of Communication and Scientific Affairs Division
APN Secretariat

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ASIA-PACIFIC NETWORK FOR
GLOBAL CHANGE RESEARCH

APN Secretariat, East Building 4F, 1-5-2 Wakinohama Kaigan Dori, Chuo-ku, Kobe, 651-0073 Japan
Phone: +81-(0)78-230-8017 Fax: +81-(0)78-230-8018 Email: info@apn-gcr.org Website: www.apn-gcr.org

Ref. CRRP2016-06MY-Kumar
Created: 13 September 2017
Last updated: 13 September 2017
Ver. 2

13 September 2017

To:

Dr. Biren Das

Registrar, Tezpur University

Subject: No Objection Letter for Transfer of the project reference number CRRP2016-06MY-Kumar from Tezpur University to IIT Gandhinagar

Dear Dr. Biren Das,

This letter is to confirm that APN has been informed of the new position of Dr. Manish Kumar, project leader of the project "Development of New Water Supply Strategies in Two Watersheds of India and Sri Lanka in the context of Climate Change, Rapid Urbanization and Population Growth: A Vulnerability Assessment Approach (reference number: CRRP2016-06MY-Kumar), in Indian Institute of Technology Gandhinagar (IIT Gandhinagar).

Dr. Kumar has expressed his willingness to continue to serve as the project leader of the said project in his new institution. Asia Pacific Network for Global Change Research (APN) has no objection regarding to transferring the project granteeship from Tezpur University to IIT Gandhinagar.

The change of the granteeship of the project shall not affect the project requirement to comply with APN regulations, including the complete reporting requirements.

Please feel free to contact us should you require any further information.

Sincerely,

Seiji Tsutsui

Director, APN Secretariat

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Serial No. 5476
Date of Receipt 16.09.2016
File No.
Received by

United Nations Children's Fund
Office for Assam
House No 27
Basisthapur Bylane No 3
Beltola Road
Guwahati - 781 028

Phone + 91 0361 2235151
+ 91 0361 2235153
Fax + 91 0361 2235161

Office of the Registrar
Received 3231
Date 15/9/16
Received by

AFO/PME/2016/225
13th September 2016

Dr Biren Das, Registrar
Tezpur University
Napaam, Tezpur, Assam

Dear Dr Das,

Approval of the proposal for documentation of "case studies on GPDP" and "Social Protection schemes in Assam"

This is with reference to your letter No. F.TU/SOC/UNICEF/114 dated 9th September 2016 forwarding a proposal outlining the activities to be undertaken by Tezpur University for documentation of "case studies on GPDP" and "Social Protection schemes in Assam".

Based on the proposal, we confirm our support up to a maximum of Rs.1,344,500/- as follows:

Items	Quantity	Unit cost	Total budget
Documentation of Case studies on GPDP			
Honorarium of Principal Investigator (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**
Honorarium of one Research Consultant (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**
Moderators for field work (2 moderators for 2 months) @ Rs. 25000 per month (with photography)	2	50,000	**100,000**
Monthly salary for one Data Transcriber	2	20,000	**40,000**
Lodging and food cost during field visit (covering 20 Panchayats in upper Assam, Lower Assam and Barak Velly and Tezpur University) - tentatively 25 days per person 2000 per day (on actual)	40	2,500	**100,000**
Hiring cost of Dicta-phones for audio recordings	20	850	**17,000**
3 times airfare for Research Consultant (Delhi-Guwahati-Delhi) @ Rs. 6500 per sector including terminal (cost for travelling from home to airport and airport to home) - (on actual)	6	11,000	**66,000**
Travel cost for field visit (on actual) by the research team (team to travel by train, hired taxi and other local transport as required). Travel will include, travel to Guwahati from Tezpur university, University to field, etc.	25	3,000	**75,000**
Photocopy, stationery, training and translations	3	3,000	**9,000**
Designing of document (print to ready document to be submitted) – lump sum	1	30,000	**30,000**
Sub - Total			**617,000**
Documentation of Social Protection Schemes for Tea Garden Workers in Assam			
Honorarium of Principal Investigator (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**

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honorarium of one Research Consultant (@ Rs. 30,000 per month) for three months	3	30,000	90,000
Moderators for field work (3 moderators for 2 months) @ Rs. 25000 per month	2	75,000	150,000
Monthly salary for one Data Transcriber	2	20,000	40,000
Lodging and food cost during field visit (covering 20 tea gardens in upper Assam, Lower Assam) - tentatively 45 days for two persons	45	2,500	112,500
Printing cost of Dicta-phones for audio recordings	20	850	17,000
2 times airfare for Research Consultant (Delhi/Jaipur-Guwahati-Delhi/Jaipur) @ Rs. 8000 per sector including terminal (cost for travelling from home to airport and airport to home)	4	16,000	64,000
Travel cost for field visit (on actual) by the research team (team to travel by train, hired taxi and other local transport as required). Travel will include, travel to Guwahati from Tezpur university, University to field, etc.	50	2,500	125,000
Photocopy, stationery, training and translations	3	3,000	9,000
Designing of document (print to ready document to be submitted) – lump sum	1	30,000	30,000
Sub-Total			727,500
Total			1,344,500

Rs. Thirteen lakhs forty-four thousand five hundred

We would request you to please let us have the FACE Form duly completed to enable us to reimburse the actual amount after completion of the activities.

Please take note of the following requirements with regard to management of funds released by UNICEF.

1. Funds should be utilized only for the purpose for which they are released as per approved budget.
2. Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than 3 months from the date of release by submitting the following:
   - Statement of Expenditure (SOE) duly signed and stamped by the concerned official in UNICEF prescribed format
   - Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure

Please note that as per financial rules, UNICEF cannot release any further funds to recipient accounts outstanding for more than 6 months.

If your department is not in a position to utilize UNICEF's cash assistance within a period of 6 months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of a cheque payable to UNICEF.

Unutilized funds cannot be retained by you or spent for any other activity without prior written approval of UNICEF.

Please note that deviation in any budget line items should not exceed 10%. Deviations beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that total approved budget is not exceeded.

A brief report on the activities and list of participants (trainings) should be submitted.

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Please be informed that our financial regulations require that all relevant vouchers be stamped "PAID CHARGED TO UNICEF ACCOUNT" and are retained in your files for four years.

We would like to inform you that periodic on-site reviews in the form of spot-checks of the cash will be conducted by UNICEF staff and they may be conducted and documented on a routine basis. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will also be conducted from time to time during the implementation of the activities by Programme Officers from UNICEF and a monitoring findings report will be submitted to UNICEF by the visiting officers.

Yours sincerely,

Vedprakash Gautam
Office-in-Charge,
UNICEF, Office for Assam

CC: Dr Amiya Das, Department of Sociology, Tezpur University

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United Nations Children's Fund
Office for Assam
House No 27
Basisthapur Bylane No 3
Beltola Road
Guwahati - 781 028

Phone +91 0361 2235151
+91 0361 2235153
Fax +91 0361 2235161

Office of the Registrar
Receipt No. 3251
Date 15/9/16
Received by

AFO/PME/2016/225
13th September 2016

Dr Biren Das, Registrar
Tezpur University
Napaam, Tezpur, Assam

Dear Dr Das,

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Items	Quantity	Unit cost	Total budget
Documentation of Case studies on GPDP			
Honorarium of Principal Investigator (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**
Honorarium of one Research Consultant (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**
Moderators for field work (2 moderators for 2 months) @ Rs. 25000 per month (with photography)	2	50,000	**100,000**
Monthly salary for one Data Transcriber	2	20,000	**40,000**
Lodging and food cost during field visit (covering 20 Panchayats in upper Assam, Lower Assam and Barak Velly and Tezpur University) - tentatively 25 days per person 2000 per day (on actual)	40	2,500	**100,000**
Hiring cost of Dicta-phones for audio recordings	20	850	**17,000**
3 times airfare for Research Consultant (Delhi-Guwahati-Delhi) @ Rs. 6500 per sector including terminal (cost for travelling from home to airport and airport to home) - (on actual)	6	11,000	**66,000**
Travel cost for field visit (on actual) by the research team (team to travel by train, hired taxi and other local transport as required). Travel will include, travel to Guwahati from Tezpur university, University to field, etc.	25	3,000	**75,000**
Photocopy, stationery, training and translations	3	3,000	**9,000**
Designing of document (print to ready document to be submitted) – lump sum	1	30,000	**30,000**
Sub - Total			**617,000**
Documentation of Social Protection Schemes for Tea Garden Workers in Assam			
Honorarium of Principal Investigator (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**

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Honorarium of one Research Consultant (@ Rs. 30,000 per month) for three months	3	30,000	**90,000**
Moderators for field work (3 moderators for 2 months) @ Rs. 25000 per month	2	75,000	**150,000**
Monthly salary for one Data Transcriber	2	20,000	**40,000**
Lodging and food cost during field visit (covering 20 tea gardens in upper Assam, Lower Assam) - tentatively 45 days for two persons	45	2,500	**112,500**
Hiring cost of Dicta-phones for audio recordings	20	850	**17,000**
2 times airfare for Research Consultant (Delhi/Jaipur-Guwahati-Delhi/Jaipur) @ Rs. 8000 per sector including terminal (cost for travelling from home to airport and airport to home)	4	16,000	**64,000**
Travel cost for field visit (on actual) by the research team (team to travel by train, hired taxi and other local transport as required). Travel will include, travel to Guwahati from Tezpur university, University to field, etc.	50	2,500	**125,000**
Photocopy, stationery, training and translations	3	3,000	**9,000**
Designing of document (print to ready document to be submitted) – lump sum	1	30,000	**30,000**
Sub-Total			**727,500**
Total			**1,344,500**

Rs. Thirteen lakhs forty-four thousand five hundred

We would request you to please let us have the FACE Form duly completed to enable us to reimburse the actual amount after completion of the activities.

Please take note of the following requirements with regard to management of funds released by UNICEF.

1. Funds should be utilized only for the purpose for which they are released as per approved budget.
2. Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than 3 months from the date of release by submitting the following:
   - Statement of Expenditure (SOE) duly signed and stamped by the concerned official in UNICEF prescribed format
   - Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure

Please note that as per financial rules, UNICEF cannot release any further funds to recipient accounts outstanding for more than 6 months.

3. If your department is not in a position to utilize UNICEF's cash assistance within a period of 6 months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of a cheque payable to UNICEF.
4. Unutilized funds cannot be retained by you or spent for any other activity without prior written approval of UNICEF.
5. Please note that deviation in any budget line items should not exceed 10%. Deviations beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) should be submitted.

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United Nations Children's Fund
Office for Assam
House No.27
Basisthapur Bylane No.3
Beltola Road
Guwahati - 781 028

Phone: + 91 0361 2235151
+ 91 0361 2235153
Fax : + 91 0361 2235161

AFO/C4D/2017/ 28
27 February 2017

Prof. S.K. Dolui
Dean, Research and Development (i/c)
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Dear Prof. Dolui

C4D Partnership with Tezpur University: Advancing Communication For development (C4D) as a strategy for Social Change in Assam and North East Region, Phase II (1st March - 31st Dec 2017)

With reference to your letter dated 21st Feb 2017 regarding **'Proposal for Advancing Communication For development (C4D) as a strategy for Social Change in Assam and North East Region, Phase II (**coordinated by Prof Joya Chravarty, Associate Prof, MCJ, Department under the Supervision of Prof Abhijit Bora HoD, MCJ, Department), we are happy to confirm our support technical support to the project as well as the requested financial support on re-imbursement basis.

In this regard, we have reviewed the budget submitted by you and confirm out support to a maximum of Rs **21, 31,000** /-. (Annex- budget sheet)

MAR-MAY 2017	JUN-AUG 2017	SEP-NOV 2017	DEC 2017
1st tranche	2nd tranche	3rd tranche	4th tranche
14,88,000	**2,56,000**	**3,22,000**	**65,000**
Total	**Rs. 21,31,000.00**		

We would request you to kindly let us have the duly completed FACE form to enable us to process the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants, as well as report which would enable us to reimburse and liquidate this amount.

As part of our standard operating procedure, we need to undertake the financial assessment of Implementing Partners. In this regard, UNICEF operation and finance team may visit your office on periodic basis, upon mutually convenient dates, and review the financial processes and systems with your accounts and finance staff.

Please take note of the following requirements with regard to management of funds released by UNICEF.

1. Fund should be utilised only for the purpose for which they are released as per the approved budget.

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   - Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure (SOE).

   Please note that as per financial rules. UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.
3. If your department/organisation is not in a position to utilize UNICE's cash assistance within a period of five months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of cheque payable to 'UNICEF'
4. Unutilized fund can't be retained by you or spent for any other activity without prior written approval of UNICEF.
5. Please note that deviation in any budget line item should not exceed 10%. Deviation, beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that the total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) is desirable.

Please be informed that our financial regulations require that all relevant vouchers be stamped 'PAID – CHARGED TO UNICEF ACCOUNT' and are retained in your files for four years.

UNICEF Assam Office's operation and finance team may visit your office on periodic basis for on-site reviews in the form of '**spot checks**' of the cash assistance. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will also be conducted time to time during the implementation of the activities by Programme officers from UNICEF and a **Programme monitoring report** will be submitted to UNICEF by the visiting officers.

Looking forward to a fruitful partnership to take ahead the agenda of Social and Behavior Change Communication (SBCC) in the state.

With best regards,

Yours Sincerely,

Sweta Patnaik

Officer Incharge

Cc: Ms Joya Chravarty, Assistant Prof, MCJ, Department
Dr. Biren Das, Registrar, Tezpur University

Encl: Detailed Budget

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Project title

Community based bioenergy research

Funded by: University of Nottingham

Duration: 1 year

Total amount sanctioned: £31,500

Background:

India is recognized as one of fastest growing economies of the world; however, basic energy needs of thousands of millions of its citizens are yet to be fulfilled. However, there is a serious energy supply-demand imbalance in the country. Growing energy demand coupled with limited conventional fuel options and environmental concern has compelled India to search for renewable and sustainable energy options. This proposal builds on the concept of developing a new community-scale energy solution for the production, management and utilisation of locally-produced bioenergy focusing on one of the poorest regions of India – Assam in the northeast.

Bioenergy technologies offer potential community solutions through the use of anaerobic digestion (AD) technologies offering piped biogas for clean cooking, heating and lighting. Biogas offers clean fuel to improve health and welfare conditions and improves household economies through diminished use of liquefied petroleum gas (LPG) and firewood. In this project we seek to increase livelihood earnings from AD through (1) the use of solar PV to enhance thermal stability of the digesters and maximise gas yield and (2) designing a low cost, small-scale mechanism for bottling the biogas. This will improve the prosperity and welfare of the disadvantaged and marginalised off-grid households. Our aim is to identify locally-acceptable and environmentally sustainable solutions that will enhance clean energy access and lead directly to economic and welfare benefits for individuals and households, promoting economic and social development of the participating villages. This proposal seeks to focus on adding economic value to community bioenergy systems using additional technologies such as solar PV to maintain thermal environment and bottling systems to offer value-added income generation opportunities.

Objectives

The proposed project aims to deliver the decentralize energy at household level with the strength of locally available bio-wastes and thus address the major issues *viz*, energy, employment and economy. We will test anaerobic digesters within a real community setting to understand how different community stakeholders work together to ensure equitable benefits to all stakeholders. We seek to establish whether excess production of clean energy from anaerobic digestion systems can be bottled to deliver a cheap, affordable and safe added-value product to improve livelihood incomes. We will engage with off-grid, rural communities to combine low cost solar PV systems to existing biogas digesters and develop a method of pressuring biogas into LPG containers for sale and use off site. We will run user group training and feedback meetings throughout the project to maximise benefit of the energy services and ensure all groups of community. The project will integrate the locally available unused biomass resources, use them efficiently, provide energy services, and improve the livelihood through capacity building.

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"Michele Clarke" <Michele.Clarke@nottingham.ac.uk>
Biogas related invoices
Wed, March 15, 2017 2:12 pm
"baruahd@tezu.ernet.in" <baruahd@tezu.ernet.in>

Dear, R&D: Could you please do needful as suggested by VC

ussed I need two separate invoices from you as follows:

he attached GCRF project which you can use to demonstrate to your Dean the value of the ration under project "Optimising clean community biogas energy systems for poverty alleviation in dia" please can you send me a formal invoice for £16500 for research costs and consumables (solar maintenance of thermal environment & biogas bottling systems and associated consumables).

ant award closes at the end of this month & I have not managed to spend all of the travel costs but e between headings so the 16500 is the consumables plus some travel]

he HEFCE Newton Fund Project "Bioenergy from waste: exploring the multiplier benefits to poor nities of medium-scale technology interventions" I was awarded £15,000 (not the full amount I for).

ou please therefore send me a separate invoice for £15,000 for the installation of medium ogas systems in Jhawani village

hope that with funds from both of these projects we can install a number of separate digesters in as well as complete the digestate management/vermicompost units so that we can progress our ere and give them some energy access. I am still keen on bottling as the research component I appreciate it is very much research at the small-scale, so if we can progress that too it would be pful since otherwise it is hard to see how we can make a community scale system work!

d to receive the invoices in ~~the coming~~ few days as the projects end at the end of this month.

hile I hope you and your family are having a happy Holi

hes

Michèle Clarke PhD. FHEA, FRGS, FGS, MRSC
Pro Vice Chancellor (Global Engagement) Asia-Pacific
f Environmental Change
Geography
of Nottingham
Park
NG7 2RD, UK
)115 951 5446
)115 951 5249
ele.clarke@nottingham.ac.uk

376
5-3-17

age and any attachment are intended solely for the addressee
ontain confidential information. If you have received this
error, please send it back to me, and immediately delete it.

not use, copy or disclose the information contained in this
in any attachment. Any views or opinions expressed by the
this email do not necessarily reflect the views of the
of Nottingham.

H&D, Energy
Requested to forward to VC, TU

Forwarded
15/03/17

Through Dean R&D
15/03/17

Vice Chancellor, TU: Permission is requested to obtain a total fund of ₹ 31,500/- from Prof M. Clarke, my research collaborator from University of Nottingham, UK to carry out the community based Bio-energy research activities as per set programme (enclosed)

(D. C. Baruah)
Professor, Dept of Energy
15-3-17

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from the University of Nottingham

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3

Newton Fund Extension Award (Please attach original submission statement to this form)

PI: Professor Michèle Clarke

Name: Professor Michèle Clarke

School: Geography

Position: Associate Pro Vice Chancellor & Professor of Environmental Change

Title of Newton Fund application:

Bioenergy from waste: exploring the multiplier benefits to poor communities of medium-scale technology interventions

This project translates learning and impact from two existing funded Newton Fund projects of which I am PI and one of which I am co-I:
(1) Newton Bhabha ES/P000517/1 SMArt ciTIES Network for Sustainable Urban Futures
(2) Newton BB/02914X/1, Implication of enhanced ecological intensification and resilience in the eastern Amazonia region
(3) Newton EPSRC-DOST EP/P018513/1 Water - Energy - Nutrient Nexus in the Cities of the Future

Collaborating partners (name, position, Institution)

Professor DC Baruah, Dean, Centre for Energy, Tezpur University
Professor P Mahanta, Dean, Dept Mechanicl Energy, IIT Guwahati
Dr Hema Ramakrishnan, Professor, Madras School of Economics
Dr Helen West, School of Biosciences, University of Nottingham

Proposal for allocation of Additional funding;

India remains a stratified country where the poorest citizens lack access to energy services. This proposal builds on existing projects to develop a new community-scale solution for the production, management and utilisation of locally-produced bioenergy focused on one of the poorest regions of India - Assam in the northeast. Funds are requested for consumables to enable the construction and installation of two community-scale biodigesters in an off-grid location with the purpose of generating sustainable energy. The location chosen is off-grid and holds feedstocks sufficient for the generation of sustainable energy yet to date no systems exist and Indian government schemes operate only at household level. This project seeks to deliver and test in a co-produced manner an up-scaled locally generated solution which offers the advantages of an affordable and sustainable system which, if successful, could be replicated across the region.
Community engagement and contribution includes donation of the land to support the project and the setting up of a village steering group and management team. Researchers from partner organisations have to date surveyed bioenergy feedstocks and engaged in social survey to develop an economic model for sustainable generation of locally produced energy services.

What are the key activities that the funding will support?

We seek funding to establish and test at scale digesters within a real community setting (and one living in poverty) to understand and measure the multiplier benefits of such interventions on individual socioeconomic wellbeing.
If funded digester construction works will start immediately and testing and community engagement will continue throughout 2017 to understand how different community stakeholders work together to ensure equitable benefits to all stakeholders. Despite Indian government energy schemes spanning decades, impacts have been limited because the needs and behaviours of communities have been ignored. We will run user group training and feedback meetings throughout the project to maximise benefit of the energy services and ensure all groups, including women and the disadvantaged benefit from the project.
Travel funds are not requested as travel is provided by the existing Newton Bhabha SMARTIES

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project	
What are the key outputs which the additional funding will enable?	
- access to clean, reliable & available biogas for a range of energy services (cooking, lighting, heating) - transformation of unused wastes to valuable assets - health benefits for women and children of clean cooking fuel - a better understanding of how communities respond to and engage with energy interventions - training and upskilling local stakeholders in the benefits of waste to energy systems	
Do you plan to bring additional partners on to the project – if so, please provide, name, position and address of proposed additional collaborator (must be an eligible Newton Fund partner country/Institution)	
Allocation of Funding;	
Travel Planned flights (dates & costs)	
Subsistence	
Please briefly indicate whether any other awards (internal or external) related to the outcomes of the project have been awarded.	
Research related costs (consumables etc.)	£19,500 consumables for the installation of two 40m3 biodigesters (made locally in India with concrete, brick and fibreglass) including gas distribution and monitoring & feedstock mixer system. These systems to be installed on community donated land
Support of seminar or dissemination activity;	£500 User Group Training & Dissemination activities
Is there any financial contribution from the collaborating institution?	
Head of School Support	
Name of Head of School	**Giles Foody**
Statement of Support	This project builds on the foundations of earlier work to develop a new community-scale solution for the generation, management and use of locally-produced bioenergy in one of the poorest regions of India. This is a very worthy and topical research proposal from researchers with an excellent track record. The work fits closely to the School's newly launched research strategy and has the School's full support.
Signature	G. foody
Date	**3 Feb 2017**
Application Sign-off	

Research and Graduate Services
University of Nottingham
King's Meadow Campus, Lenton Lane, Nottingham, NG7 2NR.

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2

I understand that if awarded funding I will be required to write a brief report to account for expenditure and summarising the outcomes of the project. X I confirm that the funding applied for will be spent in accordance with Newton fund and ODA specifications. X
Name and signature of the PI
Professor Michèle Clarke MLClarke
Date:
3 February 2017
Submission:
Please submit your application to maeve.fitzpatrick@nottingham.ac.uk

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TU Project Registration No : DORD / Bioenergy fr Y / DCB / 20 - 321 oject

(19)

Serial No... 88833 ....
Date of Receipt 11/7/2019....
File No.. Dean/RD ....
Pursuit to poor communities of

8/7

From: "Michele Clarke" <Michele.Clarke@nottingham.ac.
Subject: Bioenergy from waste project
Date: Mon, July 8, 2019 3:16 pm
To: "baruahd@tezu.ernet.in" <baruahd@tezu.ernet.in>

Sub: HEFCE Newton fund Project: Bioenergy from waste: exploring the multiplier benefits to poor communities of medium scale technology innovations

Dear Prof. DC Baruah,

Thank you for your update on the current progress of the project "Community-based Bioenergy Research"

Work completed so far:
i. Feedstock analysis, demand for feedstock for cooking energy, Biogas supply
ii. Demonstration and pilot scale production of vermi-compost and mushroom from digested slurry
iii. Active engagement of the community through workshops on Improved farming techniques (Lemon farming from
iv. Organic farming, Pisciculture

Work to be completed:
I understand that a party for installation of AD plant is shortlisted. However, installation is delayed due to flooding and some other local issues beyond your control.

In this regard, I am pleased to grant a no-cost extension period of 12 months for the project to complete the remaining activities

With best wishes

Michèle

Copy for Dean R&D

R&I
(D. C. Baruah)
8/7/19

Professor Michèle Clarke PhD. FHEA, FRGS, FGS, MRSC
University of Nottingham ODA Research Champion
Professor of Environmental Change
School of Geography
University of Nottingham
University Park
Nottingham NG7 2RD, UK
T: +44 (0)115 951 5446
F: +44 (0)115 951 5249
Email: michele.clarke@nottingham.ac.uk

Please file &
do needful
R&I
10.7.19
I/C

This message and any attachment are intended solely for the addressee and may contain confidential information. If you have received this message in error, please contact the sender and delete the email and attachment.

Any views or opinions expressed by the author of this email do not necessarily reflect the views of the University of Nottingham. Email communications with the University of Nottingham may be monitored where permitted by law.

Attachments:
untitled-[1].plain

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A. Dutta / Pl. file

26/5/17

United Nations Children's Fund
Office for Assam
House No.27
Basisthapur Bylane No.3
Beltola Road
Guwahati - 781 028

Phone: + 91 0361 2235151
+ 91 0361 2235153
Fax : + 91 0361 2235161

① Deen, RED
② F.O.,
③ HoD, cul. Stds.

for mapl. 15-13

AFO/C4D/2017/ 94
12th May 2017

Dr.Biren Das
Registrar
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Office of the Registrar
Receipt No ..... 926 .....
Date ..... 24/5/17 .....
Received by .....

Dear Dr. Das

UNICEF Partnership with Tezpur University (Department of Cultural Studies):**'Using Folklore for Community Messaging: Adolescents as Agents for Social Change and Empowerment – Phase III.** This has reference to your letter dated 9th May 2017received in our office on 11thMay 2017 forwarding the proposal and supporting documents relating to the project proposal for**''Using Folklore for Community Messaging: Adolescents as Agents for Social Change and Empowerment – Phase III**.

We have reviewed the proposal and confirm our support to a maximum of **Rs. 23,43,100/-**. (Rupees Twenty Three Lakh Forty Three ThousandOne Hundred only)as given below. The detailed budget for each component is given as enclosure.

Sl. No.	Particulars	15th May-July 2017	Aug-Oct 2017	Nov-Dec 2017
1.	**UNICEF Partnership with Tezpur University** (Department of Cultural Studies):**'Using Folklore for Community Messaging: Adolescents as Agents for Social Change and Empowerment – Phase III**	5,89,500	10,02,000	7,51,600
TOTAL BUDGET	**Rs. 23,43,100.00**			

We would request you to kindly let us have the duly completed FACE form to enable us to release the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants, as well as report which would enable us to liquidate this amount.

As part of our standard operating procedure, we need to undertake the financial assessment of Implementing Partners. In this regard, UNICEF operation and finance team may visit your office on periodic basis, upon mutually convenient dates, and review the financial processes and systems with your accounts and finance staff.

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5. Please note that deviation in any budget line item should not exceed 10%. Deviation, beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that the total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) is desirable.

Please be informed that our financial regulations require that all relevant vouchers be stamped 'PAID – CHARGED TO UNICEF ACCOUNT' and are retained in your files for four years.

UNICEF Assam Office's operation and finance team may visit your office on periodic basis for on-site reviews in the form of **'spot checks'** of the cash assistance. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will also be conducted time to time during the implementation of the activities by Programme officers from UNICEF and a **Programme monitoring report** will be submitted to UNICEF by the visiting officers.

Looking forward to a fruitful partnership to take ahead the agenda of Social and Behavior Change Communication (SBCC) in the state.

With best regards,

Yours Sincerely,

Gautam

VedprakashGautam
OIC- Chief Field Office
UNICEF Assam

Cc:Ms. VeenaKumari, C4D Officer, UNICEF Assam Office
Encl: Detailed Budget

unite for
children

unicef

AGREEMENT

This agreement is made at Hindustan Gum & Chemicals Ltd., Birla Colony, Bhiwani – 127021, Haryana on this 1st day of April 2018.

BETWEEN

Hindustan Gum & Chemicals Ltd., a company incorporated under the Indian Companies Act, 1956 having its registered office at Birla Colony, Bhiwani – 127021, Haryana, India of the one part.

AND

Professor Niranjan Karak, Advanced Polymer and Nanomaterial Laboratory, TEZPUR UNIVERSITY, a central university, with its campus at Napaam, Tezpur, Sonitpur, Assam 784028, of the other part.

Hindustan Gum & Chemicals Ltd. and Professor Niranjan Karak may be referred individually as PARTY and jointly as PARTIES,

WHEREAS,

A. Hindustan Gum & Chemicals Ltd. desires to contract with Professor Niranjan Karak to undertake the project entitled: "Guar gum based multifaceted superabsorbent"
B. Hindustan Gum & Chemicals Ltd. and Professor Niranjan Karak are now participating in the Project in accordance with this agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. OBLIGATION OF THE PARTIES

1.1 Prof. Niranjan Karak, Head of Advanced Polymer and Nanomaterial Laboratory shall be responsible for the approaches and procedures necessary for the said Project.

1.2 Neither party shall register or attempt to register or patent or make a media release of the Project, the results of the research in respect of the Project unilaterally without the consent of the other party.

1.3 The parties shall conduct the Project in accordance with the scope of work of this agreement as detailed in Annexure-I.

1.4 The parties shall make all necessary disclosures of the know- how and intellectual property generated by each other independently and jointly in the course of the Project to each other for joint decision about protection of intellectual property.

1.5 Prof. Niranjan Karak will act as a Project consultant and help the employee of Hindustan Gum & Chemicals Ltd. in deciding the approach, methodology, experimental plan pertaining to the Project. The Project outcome will be reviewed on a half yearly basis. For review and guidance the Project consultant will visit Hindustan Gum & Chemicals Ltd., premises thrice in a year for maximum duration of two days at a time. In addition, there will be teleconference as and when required at a suitable time schedule of both.

1.6 It is mutually agreed between to the Parties that the sponsorship fees payable to the Consultant for distant guiding and visiting of the industry during the Project of one-year duration shall be Rs 2 lacs per year + service taxes as applicable. In addition to this Hindustan Gum & Chemicals Ltd. will bear the actual expenses incurred towards road and air travel (to and fro), boarding and lodging cost during the visit of Project consultant to Hindustan Gum & Chemicals Ltd.'s premises.

2. CONFIDENTIALITY AND DATA PROTECTION

2.1 The Parties herein shall take adequate technical and organizational security measures sufficient to protect the Confidentiality Information.

2.2 Each party shall ensure that only those of their officers, agents and assigned employees directly concerned with the carrying out of this Agreement shall have access to the Confidential Information of the other party.

2.3 Both parties undertake to treat as strictly confidential and not to disclose to any third party any Confidential Information of the other party. The party required to make the disclosure shall inform the other party within a reasonable time prior to being required to make the disclosure and the information required to be disclosed.

2.4 Each party undertakes not to make use of any Confidential Information of the other party, other than in accordance with this Agreement, without the prior written consent of the other party.

2.5 Save as aforesaid and unless otherwise expressly set out in this Agreement, this clause shall remain in force for a period for a three years after the termination or expiry of this agreement.

3. PUBLICITY

3.1 Neither Party will use the name of the other, nor of any member of their staff, in any publicity, advertising or news release without the prior written approval of the other Party, such approval not to be unreasonably withheld. Either Party will not, and will ensure that they do not, use their employees, nor the name of the Project, nor the name of the Research done, in any publicity, advertising or news release without the prior approval of the other Party, such approval not to be unreasonably withheld.

3.2 Neither Party will issue any information or statement to the press or public or any form of media, including but not limited to advertisement, applications for patents, presentations to any institutes, bodies, for opinion by the research ethics committee without the prior written permission of the other.

4. INTELLECTUAL PROPERTY AND KNOW HOW

4.1 All Intellectual Property Rights and Know How owned by or licensed prior to the date of this Agreement or to acquire after the date of this Agreement outside the Project under this Agreement are and shall remain the sole property of the respective party.

4.2 Any Intellectual Property Rights and Know How including without limitation copyright, data base right, confidential information, patents, inventions, design rights (whether registered or unregistered) and trademarks developed, created, discovered, invented, designed, written or prepared during the Project or otherwise under this Agreement shall belong jointly owned by the Parties. The patent coming out of the work will be filed jointly by both the parties and the patent will be assigned to Hindustan Gum & Chemicals Ltd without any cost. The company will bear the necessary expenses for filing and maintenance of patent and will be the sole owner of the patent.

4.3 It is agreed that Prof. Niranjan Karak will not undertake similar or a related project with any of the competitors of Hindustan Gum & Chemicals Ltd. during the tenure of this project.

5. OWNERSHIP and LIEN

The Know How, the Intellectual Properties and Confidential Information generated and developed in the course of the execution of the Project, the ownership thereof vest jointly with both parties. University shall offer unconditionally non-exclusive and non-transferable license to the company for using such intellectual property in the operation of their own company and associate companies. Prof. Niranjan

Karak shall obtain Hindustan Gum & Chemicals Ltd.'s prior permission in writing before granting any license to use know- how and intellectual property, generated or developed during this Project to any third party.

5. LIABILITIES AND INDEMNITY

5.1 The parties hereby agree and undertake to indemnify and keep each other indemnified against any loss, claim, damage incurred by them due to any misinterpretation, act, omission or commission caused by the other that is likely to affect either parties.

5.2 Hindustan Gum & Chemicals Ltd. and Prof. Niranjan Karak expressly disclaim any liability in connection with any death, personal injury or loss of or damage to property caused to any of the staff whether permanent or contractual while working on the Project.

6. FINANCIAL ARRANGEMENTS

6.1 In consideration of the above work rendered by Prof. Niranjan Karak pursuant to this Agreement, Hindustan Gum & Chemicals Ltd. shall make such payments as is more specifically provided in ANNEXURE-I hereto.

6.2 All payments will be made according to the schedule contained in ANNEXURE –I.

7. TERM

This agreement will remain in effect for one year from the date of signing of this agreement or earlier termination in accordance with this agreement unless extended by mutual written consent.

8. TERMINATION

Either party has the right to terminate this agreement, upon written notice in that behalf being given by one party to other on the happening of anyone of the following events.

a) If any party shall default or commit a reach (including the provisions relating to intellectual property rights or confidentiality) of any provisions hereof and shall fail or neglect to cure such defaults or breach within 15 days of being called upon in writing to do so by the other party.

b) If either party is placed in liquidation (other than the purpose of reconstruction or amalgamation) or shall have receiver, administrative receiver, or administrator appointed in respect of any of its undertaking or assets.

Either party may terminate this Agreement without assigning any reason whatever, subject to written notice of one month being provided to the other of such intention to terminate.

9. NOTICES

All notices require any permitted by this agreement shall be given to the parties in the English language by registered post/regular mail with postage prepaid or by air courier, fax (if faxed confirmation by hard copy within three days) directed to the parties at the address given below in writing or at such other addresses as may be supplied in writing by the party from time to time.

Address of Company: Hindustan Gum & Chemicals Ltd., Birla Colony, Bhiwani – 127021, Haryana, India

AND

Address of consultant: Professor Niranjan Karak , Advanced Polymer and Nanomaterial Laboratory, Tezpur University, Napaam, Tezpur, Sonitpur, Assam- 784028, India

10. RELATIONSHIP BETWEEN THE PARTIES

10.1 It is agreed that this Agreement is between two independent parties and is purely on principal to principal basis. Nothing in this agreement shall be construed as creating a partnership, contract of employment and relationship of principal and agent between any of the parties.

10.2 No party may assign, sub-delegate, license its rights under this Agreement or any part thereof without the prior written consent of the other parties and no party may sub-contract the performance of all or any of its obligations under this Agreement with the prior written consent of the other parties. Any party who so sub-contract shall be responsible for the acts and omission of sub-contractors as thought they were its own.

11. AGREEMENT AND MODIFICATION

11.1 Any change in the terms of this Agreement shall be valid only if the change is made in writing, agreed and signed by the Parties.

11.2 An amendment schedule shall be signed and appended to this Agreement according to clause above.

11.3 This Agreement including its appendices contains the entire understanding between the parties and supersedes all other negotiation, representations and undertakings whether written or oral of prior date between the parties relating to the clinical trial which is the subject of this Agreement.

12. JURISDICTION

All disputes arising in connection with this Agreement shall be subject to Jurisdiction of Civil Courts situated at Bhiwani (Haryana), India.

ANNEXURE-I

Scope of work:

Under the agreement signed between Hindustan Gum & Chemicals Ltd. and Professor Niranjan Karak dated1st April 2018.the scope is as follows.

1	Project Title	"Guar gum based multifaceted superabsorbent"
2	Project Value	Rs. 2,00,000/- + Service Taxes as applicable
3	Objective of the Project	The main objective of the proposed Project is to develop Guar gum based multifaceted superabsorbent. This objective is associated with the following sub-objectives. (i) To modify the existing guar gum by nanomaterial like nanoclay along with other required components to achieve desired superabsorbent. (ii) To encapsulate the desire fertilizer /pesticide in the above superabsorbent. (iii) To study the release profile of the encapsulated fertilizer/pesticide. (iv) To optimize the compositions and process conditions of the required system.

4	Scope of the work	1. Laboratory scale preparation of guar gum based superabsorbent by nanomaterial like nanoclays and its characterization. 2. Evaluation of the water absorption and retention capacity. 3. Laboratory scale encapsulation of fertilizer with above superabsorbent. 4. Evaluation of release profile of the fertilizer by UV-visible studies. 5. Optimization of the compositions and process conditions to achieve the desired control release superabsorbent fertilizer system.
5	Coordination from Hindustan Gum & Chemicals Ltd.	Mr.R.L.Ray/Dr.Sandipta Ghosh
6	Mode of payment	Rs 2.0 lakh per annum in two half yearly instalment of Rs 1.0 lakh each plus Service Taxes as applicable
7	Project starting date	1st of April,2018
8	Project completion date	31st of March, 2019
9.	Consultant visit	Four visits for minimum two days each, per year – entire cost of travel and hospitality to be borne by the company.

Signatures

For Hindustan Gum & Chemicals Ltd.

(V. K. SHARDA) 17/03/2018
President

1. V. K. Sharda,
   President,
   Hindustan Gum & Chemicals Ltd.

23/3/18

2. Dr. Biren Das,
   Registrar,
   Tezpur University

23/03/2018

3. Dr. Niranjan Karak,
   Professor of Chemical Sciences Department,
   Tezpur University

Dr. Niranjan Karak
Professor
Dept. of Chemical Sciences
Tezpur University

AGREEMENT

This agreement is made at Hindustan Gum & Chemicals Ltd., Birla Colony, Bhiwani – 127021, Haryana on this 19th day of April 2019.

BETWEEN

Hindustan Gum & Chemicals Ltd., a Company incorporated under the Indian Companies Act in the year 1962 and governed under Indian Companies Act 1956, having its Registered office at Birla Colony, Bhiwani – 127021, Haryana, India of the one part.

AND

Professor Niranjan Karak, Advanced Polymer and Nanomaterial Laboratory, TEZPUR UNIVERSITY, a central university, with its campus at Napaam, Tezpur, Sonitpur, Assam 784028, of the other part.

Hindustan Gum & Chemicals Ltd.and Professor Niranjan Karak may be referred individually as PARTY and jointly as PARTIES,

WHEREAS,

A. Hindustan Gum & Chemicals Ltd. desires to contract with Professor Niranjan Karak to undertake the project entitled: "Guar gum based multifaceted superabsorbent"
B. Hindustan Gum & Chemicals Ltd. and Professor Niranjan Karak are now participating in the Project in accordance with this agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. OBLIGATION OF THE PARTIES

1.1 Prof. Niranjan Karak, Head of Advanced Polymer and Nanomaterial Laboratory shall be responsible for the approaches and procedures necessary for the said Project.

1.2 Neither party shall register or attempt to register or patent or make a media release of the Project, the results of the research in respect of the Project unilaterally without the consent of the other party.

1.3 The parties shall conduct the Project in accordance with the scope of work of this agreement as detailed in Annexure-I.

1.4 The parties shall make all necessary disclosures of the know- how and intellectual property generated by each other independently and jointly in the course of the Project to each other for joint decision about protection of intellectual property.

1.5 Prof. Niranjan Karak will act as a Project consultant and help the employee of Hindustan Gum & Chemicals Ltd. in deciding the approach, methodology, experimental plan pertaining to the Project. The Project outcome will be reviewed on a half yearly basis. For review and guidance the Project consultant will visit Hindustan Gum & Chemicals Ltd., premises thrice in a year for maximum duration of two days at a time. In addition, there will be teleconference as and when required at a suitable time schedule of both.

1.6 It is mutually agreed between to the Parties that the sponsorship fees payable to the Consultant for distant guiding and visiting of the industry during the Project of one-year duration shall be Rs 3 lacs per year + service taxes as applicable. In addition to this Hindustan Gum & Chemicals Ltd. will bear the actual expenses incurred towards road and air travel (to and fro), boarding and lodging cost during the visit of Project consultant to Hindustan Gum & Chemicals Ltd.'s premises.

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2. CONFIDENTIALITY AND DATA PROTECTION

2.1 The Parties herein shall take adequate technical and organizational security measures sufficient to protect the Confidentiality Information.

2.2 Each party shall ensure that only those of their officers, agents and assigned employees directly concerned with the carrying out of this Agreement shall have access to the Confidential Information of the other party.

2.3 Both parties undertake to treat as strictly confidential and not to disclose to any third party any Confidential Information of the other party. The party required to make the disclosure shall inform the other party within a reasonable time prior to being required to make the disclosure and the information required to be disclosed.

2.4 Each party undertakes not to make use of any Confidential Information of the other party, other than in accordance with this Agreement, without the prior written consent of the other party.

2.5 Save as aforesaid and unless otherwise expressly set out in this Agreement, this clause shall remain in force for a period for a three years after the termination or expiry of this agreement.

3. PUBLICITY

3.1 Neither Party will use the name of the other, nor of any member of their staff, in any publicity, advertising or news release without the prior written approval of the other Party, such approval not to be unreasonably withheld. Either Party will not, and will ensure that they do not, use their employees, nor the name of the Project, nor the name of the Research done, in any publicity, advertising or news release without the prior approval of the other Party, such approval not to be unreasonably withheld.

3.2 Neither Party will issue any information or statement to the press or public or any form of media, including but not limited to advertisement, applications for patents, presentations to any institutes, bodies, for opinion by the research ethics committee without the prior written permission of the other.

4. INTELLECTUAL PROPERTY AND KNOW HOW

4.1 All Intellectual Property Rights and Know How owned by or licensed prior to the date of this Agreement or to acquire after the date of this Agreement outside the Project under this Agreement are and shall remain the sole property of the respective party.

4.2 Any Intellectual Property Rights and Know How including without limitation copyright, data base right, confidential information, patents, inventions, design rights (whether registered or unregistered) and trademarks developed, created, discovered, invented, designed, written or prepared during the Project or otherwise under this Agreement shall belong jointly owned by the Parties. The patent coming out of the work will be filed jointly by both the parties and the patent will be assigned to Hindustan Gum & Chemicals Ltd without any cost.The company will bear the necessary expenses for filing and maintenance of patent and will be the sole owner of the patent.

4.3 It is agreed that Prof. Niranjan Karak will not undertake similar or a related project with any of the competitors of Hindustan Gum & Chemicals Ltd. during the tenure and up to three years after the competition of this project

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5. OWNERSHIP and LIEN

The Know How, the Intellectual Properties and Confidential Information generated and developed in the course of the execution of the Project, the ownership thereof vest jointly with both parties. University shall offer unconditionally non-exclusive and non-transferable license to the company for using such intellectual property in the operation of their own company and associate companies. Prof. Niranjan Karak shall obtain Hindustan Gum & Chemicals Ltd.'s prior permission in writing before granting any license to use know- how and intellectual property, generated or developed during this Project to any third party.

5. LIABILITIES AND INDEMNITY

5.1 The parties hereby agree and undertake to indemnify and keep each other indemnified against any loss, claim, damage incurred by them due to any misinterpretation, act, omission or commission caused by the other that is likely to affect either parties.

5.2 Hindustan Gum & Chemicals Ltd. and Prof. Niranjan Karak expressly disclaim any liability in connection with any death, personal injury or loss of or damage to property caused to any of the staff whether permanent or contractual while working on the Project.

6. FINANCIAL ARRANGEMENTS

6.1 In consideration of the above work rendered by Prof. Niranjan Karak pursuant to this Agreement, Hindustan Gum & Chemicals Ltd. shall make such payments as is more specifically provided in ANNEXURE-I hereto.

6.2 All payments will be made according to the schedule contained in ANNEXURE –I.

7. TERM

This agreement will remain in effect for one year from 1st April, 2019, or earlier termination in accordance with this agreement unless extended by mutual written consent.

8. TERMINATION

Either party has the right to terminate this agreement, upon written notice in that behalf being given by one party to other on the happening of anyone of the following events.

a) If any party shall default or commit a reach (including the provisions relating to intellectual property rights or confidentiality) of any provisions hereof and shall fail or neglect to cure such defaults or breach within 15 days of being called upon in writing to do so by the other party.

b) If either party is placed in liquidation (other than the purpose of reconstruction or amalgamation) or shall have receiver, administrative receiver, or administrator appointed in respect of any of its undertaking or assets.

Either party may terminate this Agreement without assigning any reason whatever, subject to written notice of one month being provided to the other of such intention to terminate.

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9. NOTICES

All notices require any permitted by this agreement shall be given to the parties in the English language by registered post/regular mail with postage prepaid or by air courier, fax (if faxed confirmation by hard copy within three days) directed to the parties at the address given below in writing or at such other addresses as may be supplied in writing by the party from time to time.

Address of Company: Hindustan Gum & Chemicals Ltd., Birla Colony, Bhiwani – 127021, Haryana, India

AND

Address of consultant: Professor Niranjan Karak ,Advanced Polymer and Nanomaterial Laboratory, Tezpur University, Napaam, Tezpur, Sonitpur,Assam- 784028, India

10. RELATIONSHIP BETWEEN THE PARTIES

10.1 It is agreed that this Agreement is between two independent parties and is purely on principal to principal basis. Nothing in this agreement shall be construed as creating a partnership, contract of employment and relationship of principal and agent between any of the parties.

10.2 No party may assign, sub-delegate, license its rights under this Agreement or any part thereof without the prior written consent of the other parties and no party may sub-contract the performance of all or any of its obligations under this Agreement with the prior written consent of the other parties. Any party who so sub-contract shall be responsible for the acts and omission of sub-contractors as thought they were its own.

11. AGREEMENT AND MODIFICATION

11.1 Any change in the terms of this Agreement shall be valid only if the change is made in writing, agreed and signed by the Parties.

11.2 An amendment schedule shall be signed and appended to this Agreement according to clause above.

11.3 This Agreement including its appendices contains the entire understanding between the parties and supersedes all other negotiation, representations and undertakings whether written or oral of prior date between the parties relating to the clinical trial which is the subject of this Agreement.

12. JURISDICTION

All disputes arising in connection with this Agreement shall be subject to Jurisdiction of Civil Courts situated at Bhiwani (Haryana), India.

ANNEXURE-I

Scope of work:

Under the agreement signed between Hindustan Gum & Chemicals Ltd.and Professor Niranjan Karak dated 19th April 2019.the scope is as follows.

1	Project Title	"Guar gum based multifaceted superabsorbent"
2	Project Value	Rs. 3,00,000/- + Service Taxes as applicable

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3	Objective of the Project	The main objective of the proposed Project is to develop Guar gum based multifaceted superabsorbent. This objective is associated with the following sub-objectives. (i) To modify the existingguar gum and starch by nanomaterial like nanoclay along with other requiredcomponents to achieve desired superabsorbent. (ii) To encapsulate the desire fertilizer /pesticide in the above superabsorbent. (iii) To study the release profile of the encapsulated fertilizer/pesticide. (iv) To optimize the compositions and process conditionsof the required system.
4	Scope of the work	1. Laboratoryscale preparation of guar gum and starch based superabsorbent by nanomaterial like nanoclays and its characterization. 2. Evaluation of the water absorption and retention capacity. 3. Laboratory scaleencapsulation of fertilizer with above superabsorbent. 4. Evaluation of release profile of the fertilizer by UV-visible studies. 5. Optimization of the compositions and process conditions to achieve the desired control release superabsorbent fertilizer system.
5	Coordination from Hindustan Gum & Chemicals Ltd.	Mr.R.L.Ray/Dr.SandiptaGhosh
6	Mode of payment	Rs 3.0 lakh per annum in two half yearly instalment of Rs 1.5 lakh each plus Service Taxes as applicable
7	Project starting date	1st of April,2019
8	Project completion date	31st of March, 2020
9.	Consultant visit	Four visits for minimum two days each, per year – entire cost of travel and hospitality to be borne by the company.

Signatures

1. V. K. Sharda,
President,
Hindustan Gum &Chemicals Ltd.

2. Dr. Niranjan Karak,
Dean, Research and Development
Tezpur University

AFO/C4D/2018/98

08 May 2018

Dr. Biren Das
Registrar
Tezpur University
Napaam, Tezpur
Sonitpur – 784172

Dear Dr. Das

UNICEF Partnership with Tezpur University (Department of Mass Communication): **'Advancing Communication for Development as a strategy for Social Change in Assam and NE region (Phase III).** This has reference to your letter dated 8th May 2018 received in our office on 9th May 2018 forwarding the proposal and supporting documents relating to the project proposal for "**Advancing Communication for Development as a strategy for Social Change in Assam and NE region (Phase III).**

We have reviewed the proposal and confirm our support to a maximum of **Rs. 11, 10,100/-.** (Rupees Eleven Lakh Ten Thousand One Hundred only) as given below ***on reimbursement basis.*** As discussed and agreed with Ms Joya Chakravarty, Associate Professor, Mass Communication and Journalism (MCJ), UNICEF, Assam also partners with Cultural Studies department of Tezpur University, however, budgets of these two departments are not joint but submitted separately, therefore advance could not be released to both. The detailed budget for each component is given as enclosure.

Sl. No.	Particulars	15th May-July 2018	Aug-Oct 2018	Nov-Dec 2018
1	**UNICEF Partnership with Tezpur University** (Department of Mass Communication): **'Advancing Communication for Development as a strategy for Social Change in Assam and NE region (Phase III)**	2,37,500.00	4,46,000.00	4,40,600.00
TOTAL BUDGET	**Rs. 11,10,100.00**			

We would request you to kindly let us have the duly completed FACE form to enable us to process the approved budget for the same. On completion of the activities we would request you to kindly let us have the duly completed FACE form, Statement of Expenditure (SoE) with list of participants, as well as report which would enable us to reimburse this amount.

As part of our standard operating procedure, we need to undertake the financial assessment of Implementing Partners. In this regard, UNICEF operation and finance team may visit your office on periodic basis, upon mutually convenient dates, and review the financial processes and systems with your accounts and finance staff

Please take note of the following requirements with regard to management of funds released by UNICEF

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1. Fund should be utilised only for the purpose for which they are released as per the approved budget.
2. Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than three months from the date of release by submitting the following.
   - Statement of Expenditure (SOE) duly signed and stamped by the concerned official in UNICEF prescribed format.
   - Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure (SOE).

   Please note that as per financial rules, UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.

3. If your department/organisation is not in a position to utilize UNICE's cash assistance within a period of five months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of cheque payable to 'UNICEF'
4. Unutilized fund can't be retained by you or spent for any other activity without prior written approval of UNICEF.
5. Please note that deviation in any budget line item should not exceed 10%. Deviation, beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that the total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) is desirable.

   Please be informed that our financial regulations require that all relevant vouchers be stamped 'PAID – CHARGED TO UNICEF ACCOUNT' and are retained in your files for four years.

UNICEF Assam Office's operation and finance team may visit your office on periodic basis for on-site reviews in the form of **'spot checks'** of the cash assistance. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will also be conducted time to time during the implementation of the activities by Programme officers from UNICEF and a **Programme monitoring report** will be submitted to UNICEF by the visiting officers.

Looking forward to a fruitful partnership to take ahead the agenda of Social and Behavior Change Communication (SBCC) in the state.

With best regards,

Yours Sincerely,

Chaya Kunwar
OIC- Field Office
UNICEF Assam

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United Nations Children's Fund | State Office for Assam
Bylane # 3, Beltola Road, Guwahati 781 028, Assam
Telephone: (+91) 361 2235151/53 | Facsimile: (+91) 361 2235161 | guwahati@unicef.org | www.unicef.in

AFO/CDN/2018/163
06th Aug 2018

Prof. Virginius Xaxa
Head of Department
Department of Social Work,
Tezpur University,
Napam, Tezpur 784 028

Dear Prof. Xaxa,

Approval to the proposal on 'Assessment of Nutrition cum Counselling Centres in Assam'

This has reference to your letter dated 6th Aug 2018, forwarding the proposal on 'Assessment of Nutrition cum Counselling Centres in Assam'.

We have reviewed the proposal and we confirm our support to a maximum of Rs. 19,08,700/- (Rs. Nineteen Lakh Eight thousand and seven hundred only) for the period 15 Aug to 15 Nov 2018. The detailed budget is enclosed herewith.

We request you to forward the duly completed FACE form in order to release the advance funds for the activity. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/receipt numbers to enable us to liquidate the funds advanced and release the balance amount, if any, up to the approved budgetary ceiling.

We look forward to strengthening UNICEF's partnership with Department of Social Work, Tezpur University for effective implementation of programs for women and child welfare in Assam.

With best wishes,
Yours sincerely,

Dr. Tushar Rane
Chief of Field Office,
UNICEF Assam

Head
Dept. of Social Work
Tezpur University

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United Nations Children's Fund | State Office for Assam
27, Basisthapur Bylane # 3, Beltola Road, Guwahati 781 028, Assam
Telephone: (+91) 361 2235151/53 | Facsimile: (+91) 361 2235161 | guwahati@unicef.org | www.unicef.in

AFO/NUT/2019/201
3rd Sept 2019

Prof. C K Sharma
Head of Dept., Dept of Social Work
Tezpur University

Dear Prof. Sharma,

Approval letter for request for support for State Nutrition and Community Action Resource Centre for the period of 10th Sept to 31st Dec 2018

This has reference to your request letter TU/SW/191/A dated 3rd Sep 2019, forwarding the request for support for State Nutrition and Community Action Resource Centre at Tezpur University.

We have reviewed the proposal and we confirm our support to a maximum of Rs. 20,20,050/- (Rupees Twenty lakh twenty thousand and fifty only) for the period 10th Sept to 31st Dec 2019. The detailed budget is enclosed in Annexure A.

We request you to forward the duly completed FACE form in order to release the advance funds for the activity. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/receipt numbers, as well as a brief report on the activity to enable us to liquidate the funds advanced and release the balance amount, if any, up to the approved budgetary ceiling.

We look forward to strengthening UNICEF's partnership with the University for effective implementation of programs for women and child nutrition in the state.

With best wishes,
Yours sincerely,

Ms. Chhaya Kunwar
Officer-in-charge
UNICEF Assam

DEPARTMENT OF SOCIAL WORK, TEZPUR UNIVERSITY
(A Central University)
Napam, Tezpur 784028

Tu/SW/191/A

C K Sharma
Professor and Head

3 September 2019

Dr Shweta Sharma
Nutrition Specialist
UNICEF, Assam

Dear Shweta,

Greetings from Tezpur University!

In the month of February 2019, NITI Aayog had organized a National level workshop on 'Improving Dietary Diversity in Selected Districts under POSHAN Abhiyaan' wherein Academic Institutions were invited for participation. In the North East Region two institutions were selected and Tezpur University was one of them. The deliberations in the workshop pointed towards adopting a multidisciplinary approach towards Nutrition and advocated for convergence of different departments in addressing Nutritional concerns. In continuation to this, we intend to start a Nutrition and Community Action Resource Centre (NCARe Centre) at the Department of Social Work to realise the mandate of Niti Aayog in the area of Nutrition. The centre envisages to contribute through research, community action, and education and subsequently develop into a support unit for the State Government. The concept note and a budget is attached for your consideration.

Yours sincerely,

C K Sharma

Head
Department of Social Work
Tezpur University

State Nutrition and Community Action Resource Centre (NCARe Centre)

Background.

The rationale for working on Nutrition is widely recognized It is crucial to the holistic development as well as critical from the Human Rights perspective Nutrition is considered as one of the most effective points in dealing with Human development, poverty reduction and economic development [1] The National Family Health Survey 4 (NFHS-4) reports that more than 36% children under the age of five years are stunted in Assam and more than 17% under-five children are wasted. The recently published Human Development Report 2014 highlights that Assam falls under the band of poor performing states among the other states of the country with regard to health and nutrition.

With more than a million under-five children stunted in the state, there is a need for strong multi-sectoral actions to improve the status of nutrition. The GoI has launched the Poshan Abhiyaan with the aim to holistically address the multi-sectoral problem of undernutrition. Under Poshan Abhiyaan the state has a target of reducing child stunting by 2% points per annum As the state strives to achieve this target, Tezpur University envisages playing the role of a technical and knowledge management partner to the state government to support building multi-sectoral solutions for addressing malnutrition in Assam.

Tezpur University's Past Work on Nutrition

In 2018, Tezpur University had collaborated with UNICEF Assam to support a study on Nutrition Counselling and Management Centres (NCMCs) in the state The NCMCs are functioning at various districts, located at District Civil Hospitals and Public Health Centres The NCMCs have a designated Nutrition counsellor who performs a range of activities like (i) counselling on Maternal Infant and Young Child Nutrition; (ii) identification and referral of children with severe acute malnutrition, (iii) identifying Moderate Acute Malnutrition (MAM) children, counsel the mothers and do follow ups (iv) counselling the pregnant and the lactating women (v) taking up preventive measures to tackle malnourishment (vi) field visits to Village

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[1] Source- https //www niti gov in/writereaddata/files/document_publication/NutritionStrategyBooklet pdf

health nutrition day (VHND) etc One of the findings of this study was the crucial role the counsellors are playing to address the concerns relating to Nutrition The study also found certain challenges that the counsellors face considering the limited perspective and understanding they hold while carrying out their responsibilities

The above study brought the University's attention to the fact that there is a scope of skill enhancement and perspective building in the area of Nutrition Until recent times, the field of nutrition has been linked with ensuring availability of food for good nutrition and provision of medical care to address cases of malnutrition. The findings of the study mentioned above highlighted that there needs to be a multidisciplinary approach to Nutrition to address the concerns The social and cultural aspects of a community need to be taken into consideration to understand their behavior, attitudes and opinions regarding nutrition. There is a necessity to explore the locally available resources and how nutritional aspects can be addressed through multisectoral solutions. Ample evidence is available which highlights the factors leading to malnutrition and the high-impact interventions for maternal, infant and young child nutrition (MIYCN) The challenges lie in taking these high-impact interventions to scale and with quality.

The discussions of the University with UNICEF representatives over the last one year, have led to initiation of work towards designing a PG Diploma course on multi-disciplinary approaches to nutrition While the University envisages to take ahead this work towards rolling out this course in 2020, the University proposes to house a State Resource Centre on Nutrition, to support the State government in taking ahead the agenda of Poshan Abhiyaan.

Tezpur University, is also one of the two institutes from the state which have been mapped by Niti Ayog, with the aim to strengthen convergence between various departments like Agriculture, Panchayati Raj, Education, Social Welfare and Health. The ongoing deliberations between Tezpur University and UNICEF Assam on the need to have a multidisciplinary approach to the subject (of Nutrition) was also seen to be resonating with the policy makers. Tezpur University is also keen to take ahead this mandate encouraged by Niti Ayog on setting-up a technical support unit which can act in tandem with the respective State Governments in the near future.

State Nutrition and Community Action Resource (NCARe) Centre

The University proposes to house a State Resource Centre on Nutrition, to support the State government in taking ahead the agenda of Poshan Abhiyaan The Resource Centre is proposed to be named as "Nutrition and Community Action Resource Centre" and in short can be appropriately known as 'NCARe Centre'. The Resource Centre would commit to work intensively in the area of nutrition with all vulnerable and marginal groups in the society

It is envisaged that this centre will complement the state's efforts under Poshan Abhiyaan, by fostering collaboration, designing technical courses, documentation of good practices, supporting technical trainings, demonstration of models, concurrent monitoring and independent evaluations for nutrition interventions, based on the state's requirements The purpose of the Resource Centre can only be fulfilled by working in close collaboration with the State govt to complement the ongoing efforts under Poshan Abhiyan. The Resource Centre will hold regular consultations with the state leadership to understand the state's needs and accordingly develop annual action plans for the Centre

The resource centre is planned to be housed at School of Humanities and Social Sciences with Dept of Social Work Representatives from all relevant schools/departments within TU will together form the core group at the resource centre.

The objectives of NCARe Centre will be

1 To strengthen multi-sectoral collaboration on nutrition
2 To assume the role of a technical support unit to the State Government in the field of Nutrition.
3. To support the state government to take forward the mandate of Poshan Abhiyaan.

Organizational Structure

The Resource Centre will be steered by a core committee with four members with one Head The identified five members are from the Department of Social Work, Sociology and Molecular Biology and Biotechnology. The Centre would also appoint a knowledge expert on Nutrition and a data management personnel to look into the smooth functioning of the Centre.

Head of NCARe Centre – 1
Core Committee members – 4
Technical subject Expert – 1
Knowledge Management Expert – 1

The Resource Centre would begin by taking up activities at the grassroots to mark the 'Poshan Maah'. The initial activities will be at the village level and the sites will be schools and the Village health and Nutrition Day The activities will help the centre to build a connect with the community and also contribute in the state level celebrations of Poshan Maah The Resource Centre will be inaugurated formally during the closing ceremony of the Poshan Maah.

As one of the primary activities of the Resource Centre, the initial months will be spent in building linkages with the State Government. Since, the objective of the Centre is to work along with the State Government, this would be very crucial for establishing its mandate with the Government

The course on 'Multidisciplinary approaches to Nutrition' (mentioned above) will be offered as a Distance learning course so that it is convenient for the employed people to pursue it. The course will be rolled out in the Autumn semester of 2020. The distance mode of education requires intensive engagement in developing the Self Learning Material which provides the spine for the course This material will be developed under the aegis of the Resource Centre.

Future plans

The Resource Centre will take up projects related to nutrition in the near future, in consultation with state government and UNICEF Assam The Centre will carry out capacity building workshops with the people working in the area of Nutrition The Centre will also thrive towards working on effective and sustainable models of community action in the area of Nutrition In addition to this, it would engage academia and civil society in the field of Nutrition and carry out policy deliberations to facilitate the state machinery for effective implementation of policies and schemes on Nutrition

While the University requests for financial support from UNICEF for initiation and rolling-out of activities under the NCARe Centre, the University will continue to build its own capacities to take this ahead in the long-run In the next few years, the University will make efforts to build mechanisms to build strategic mechanisms, in collaboration with the state government, to ensure continued functioning of the resource centre for years to come.

BUDGET

Title	State Nutrition and Community Action Resource Centre (NCARe)
Location	Dept. of Social Work, Tezpur University
Responsible Officer(s):	Prof. Chandan K Sharma
Implementing Partner:	Tezpur University
Project Period:	10th September to 31st December 2019

							Amount in Indian Rupees*		
Sl. No.	Activities	Unit	Quantity	Unit Cost	Total Budgeted	Partner's Contribution	Total UNICEF Contribution	10 September to 31 October 2019	1 November to 31 December 2019
1	2	3	4	5	6	7	8	9	10
1	**Development of Self Learning Material for the PGD course on nutrition**								
1.1	Development of written content for six courses by six experts (@60 person days/course *6courses)	Person days	360	3,000	10,80,000		10,80,000		10,80,000
Sub total (1)					**10,80,000**		**10,80,000**		**10,80,000**
2	**Consultative meeting at state level - with SPMU Poshan Abhiyaan**								
2.1	Travel for 5 Tezpur University (Dept social work and Sociology) representatives (on actuals)	Person Days	10	1,000	10,000		10,000	10,000	-
2.2	Food and accommodation (5persons *1day)	Person Days	5	3,000	15,000		15,000	15,000	-
Sub Total (2)					**25,000**		**25,000**	**25,000**	
3	**Poshan Maah field level activities**								
3.1	Celebration of Poshan Maah - building community awareness on nutrition at two VHNDs								
3.1.1	Tea and snacks	Persons	100	50	5,000		5,000	5,000	-
3.1.2	Resource Person	Person days	2	1500	3,000		3,000	3,000	-

Head
Department of Social Work
Tezpur University

3.1.3	Local Travel for resource persons	Days	2	1000	2,000		2,000	2,000	-
3.2	Workshop in four schools on Nutrition								
3.2.1	Standee	Nos.	1	1000	1,000		1,000	1,000	
3.2.2	Organising workshops in four schools on Nutrition								
3.2.2.1	Resource kits	no of kits	10	100	1,000		1,000	1,000	-
3.2.2.2	Resource Person	person	1	1500	1,500		1,500	1,500	-
3.2.2.3	Local Travel for resource persons	Person days	1	1000	1,000		1,000	1,000	-
3.2.2.4	Tea and snacks for participants	Persons	50	50	2,500		2,500	2,500	-
	sub total for 1 workshop				6,000		6,000	6,000	
	sub total for 4 workshops				24,000		24,000	24,000	-
Sub Total (3)					**35,000**		**35,000**	**35,000**	
4	**Setting up of NCARe Centre**								
4.1	Honorarium for Head - leading the Resource Centre (@5days/month)	Person days	20	5,000	1,00,000		1,00,000	50,000	50,000
4.2	Honourarium for two faculty members (dept of social work) (@10days/month)	Person days	80	3,500	2,80,000		2,80,000	1,40,000	1,40,000
4.3	Honourarium for Core committee member (2 members X 4days/month for 4months @3500/day) (representatives from other relevant depts)	Person days	32	3,500	1,12,000		1,12,000	56,000	56,000
4.4	Project Officer (Knowledge Management)	Person months	2	40,000	80,000		80,000	40,000	40,000
4.5	Project Officer (Technical)	Person months	2	40,000	80,000		80,000	40,000	40,000
4.6	Communication (telephone, postal and internet costs)	Months	4	1,500	6,000	6,000			-
4.7	Books for the Resource Centre	no of books	100	700	70,000		70,000	70,000	
4.8	Designing of logo	1logo	1	10,000	10,000		10,000	10,000	
4.9	Documentation of Centre initiatives - as newsletter	Months	4	5000	20,000		20,000	10,000	10,000
4.10	Standee/Banner	Nos	2	500	1,000		1,000	1,000	
4.11	Furniture for the Resource Centre								
4.11.1	Chair	Nos.	7	6,000	42,000	42,000			

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4.11.2	Table	Nos.	4	6,300	25,200	25,200			
4.11.3	Notice Board	Nos.	1	5,000	5,000	5,000			
4.11.4	Book Case	Nos.	2	20,134	40,268	40,268			
4.11.5	Desktop	Nos.	2	50,000	1,00,000	1,00,000			
4.12	Maintenance services	Months	4	1,000	4,000	4,000			
4.13	Recruitment of project officers	lumpsum	1	3,000	3,000	3,000			
Sub Total (4)					**9,78,468**	**2,25,468**	**7,53,000**	**4,17,000**	**3,36,000**
5	**Inaugauration of the State Nutrition and Community Action Resource Centre (NCARe Centre) (as part of closing ceremony of Poshan Maah)**								
5.1	Standee/Banner	Nos.	5	2000	10,000		10,000	10,000	-
5.2	Felicitation (bouquet, sapling, memento)	Nos.	6	1000	6,000		6,000	6,000	-
5.3	Resource kit	Nos.	25	300	5,000		5,000	5,000	-
5.4	Tea and snacks	Persons	25	200	5,000		5,000	5,000	-
	Subtotal (5)				**26,000**		**26,000**	**26,000**	
6	**InHouse orientation programme for Core committee members of Resource centre**								
6.1	Food	Persons	8	450	3,600		3,600	3,600	-
6.2	Venue	Days	1	3000	3,000	3,000			
6.3	Resource kit	Persons	8	200	1,600		1,600	1,600	-
Sub Total (6)					**8,200**	**3,000**	**5,200**	**5,200**	
7	**Consultative meeting at state level with individual Line Departments in Guwahati (3 meetings)**								
7.1	Food and accommodation (2persons *1day)	Person days	2	3,000	6,000		6,000		
7.2	Travel for 2 Tezpur University (Dept social work and Sociology) representatives (on actuals)	Person days	2	2,500	5,000		5,000		
7.3	Resource Kit	Persons	7	300	2,100		2,100		

Head
Department of Social Work
Tezpur University

	sub total for 1 workshop				13,100		13,100		
Sub total for 3 meetings (7)					**39,300**	**-**	**39,300**	**13,100**	**26,200**
8	**Consultative meeting with District level officials at Tezpur University**								
8.1	Venue	Days	1	3,000	3,000		3,000	3,000	
8.2	Food - Lunch, tea, snacks	Persons	25	350	8,750		8,750	8,750	
8.3	Training Kit	Persons	25	200	5,000		5,000	5,000	
8.4	Banner	Nos.	1	600	600		600	600	
8.5	Travel cost for participants (on actuals)	Person days	15	1,200	18,000		18,000	18,000	
8.6	Local Travel for Resource centre team (on actuals)	Person Days	4	800	3,200		3,200	3,200	
Sub total (8)					**38,550**	**-**	**38,550**	**38,550**	
9	**Field monitoring visits for Poshan abhiyaan initiatives (in multiple districts)**								
9.1	Travel for Resource centre team (on actuals)	Person Days	6	2000	12,000		12,000	6,000	6,000
9.2	Food - Lunch, tea, snacks	Person Days	6	1000	6,000		6,000	3,000	3,000
Sub Total (9)					**18,000**		**18,000**	**9,000**	**9,000**
Grand Total					22,48,518	2,28,468	20,20,050	5,68,850	14,51,200

Head
Department of Social Work
Tezpur University

जैव प्रौद्योगिकी एवं भू-विवर्तनिक अध्ययन संस्थान (इनबिग्स)
INSTITUTE OF BIOTECHNOLOGY & GEOTECTONIC STUDIES (INBIGS)
(आईएसओ 9001:2008 प्रमाणित) (ISO 9001:2008 Certified)
आयल एण्ड नैचुरल गैस कार्पोरेशन लिमिटेड
OIL & NATURAL GAS CORPORATION LTD
एएंडएए बेसिन, सिनामारा, जोरहट-785704, असम
A&AA Basin, Cinnamara, JORHAT–785704, Assam
दूरभाष Ph. No.91-376-2360316 फैक्स Fax: 91-376-2360014

No. INB/JRT/Collab.-MEOR/TU/2018-19 Date 23.10.2018

From Head-INBIGS,A&AAB,Jorhat
To Dr. Tapas Medhi, Principal Investigator,MBBT, TU

Sub:- MEOR collaborative project start and kickoff meeting

As per resolution of review committee meeting held on 28.12.2017 at ONGC,A&AAB, Jorhat the project proposal titled **"Formulation of a MEOR slug for Enhanced Oil Recovery of Upper Assam Basin (MEOR)"** submitted by Dr. Tapas Medhi, Principal Investigator, was discussed elaborately and approved by ED-basin manager, A&AA Basin, Jorhat. The Memorandum of Agreement (MoA) was signed on 07.09.2018 between MBBT, Tezpur University & INBIGS and necessary sanction was obtained on 11.10.2018.

With reference to the mail dated 10.10.2018 from Dr.Medhi(PI), researchers started working on the MEOR collaborative research project with a kickoff meeting taking place in the Conference Hall of Tezpur University premises on 12th October,2018.

Throughout the meeting, participants discussed the status of the research area, project goals, and the expectations of the various stakeholders with respect to the project outcome and it was declared the project start date as 12.10.1018 for this MEOR collaborative project.

Participants of the meeting were optimistic that outcome of proposed MEOR project will be an enabling technology as novel process for Enhanced Recovery.

It is therefore requested that Principal Investigator (PI) may please take the necessary activities as per MoA to achieve the desired objectives.

23.10.2018

(Harendra Singh)
General Manager & Head-INBIGS
Project Coordinator

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भारतीय गैर न्यायिक

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ONE HUNDRED RUPEES

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INDIA NON JUDICIAL

ASSAM

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MEMORANDUM OF AGREEMENT

This MEMORANDUM OF AGREEMENT is made on the 7th day of September, 2018 between Oil and Natural Gas Corporation Limited, a company established under the Laws of India having its registered office at Deendayal Urja Bhavan, 5 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070, and one of its offices named as Institute of Biotechnology and Geo-tectonic Studies (INBIGS), Oil and Natural Gas Corporation Ltd., Cinnamara,Jorhat – 785704 (Assam) (hereinafter referred to as "ONGC, INBIGS-Jorhat" which expression shall unless repugnant to the context include all its representatives, successors, administrators, executors and permitted assignees) of the ONE PART;

AND

Tezpur University, established by an Act of Parliament on 21st January 1994 at Napaam, Tezpur-784028, District; Sonitpur, Assam (hereinafter referred to as Tezpur University or TU which expression shall unless repugnant to the context include its representatives, successors, administrators, executors and permitted assignees) of the OTHER PART.

WHEREAS ONGC, INBIGS-Jorhat and TU shall be individually referred to as "Party" and collectively as "Parties".

WHEREAS ONGC, INBIGS-Jorhat being desirous of **Microbial Enhanced Oil Recovery (MEOR)** decided to support a project submitted by Molecular Biology and Biotechnology Department (hereinafter referred to as MBBT), **Tezpur University** for the attainment of the objectives, hereinafter described;

Tapas Medhi

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WHEREAS this Memorandum of Agreement (hereinafter referred to as MoA) defines the role and responsibilities of the participating agencies, monitoring and other matters related to the **Formulation of a MEOR slug for Enhanced Oil Recovery of Upper Assam Basin (MEOR).**

NOW THE PARTIES HERETO AGREE AS FOLLOWS:-

1.0. **ROLE OF ONGC,** INBIGS-Jorhat **(Funding agency)**

1.1. To provide funds to the extent of Rs. **40.95/- lakh (Rupees Forty Lakhs and Ninety Five Thousand only)** over a period of **three years** from the date of sanction of the project as per project proposal.

1.2 **MODE OF PAYMENT**

1.2.1. All the payments shall be made to MBBT,TU. MBBT,TU will be responsible for proper custody of equipments/ materials and expenditure on the Project Work as defined in this MoA.

1.2.2. ONGC, INBIGS-Jorhat shall accord approval to make payment in installments on milestone achievement basis. The payment shall be released against completion of milestones mentioned in the proposal. The payment shall be made based on actuals subject to the upper limit mentioned in the budget.

1.2.3. MBBT,TU will be responsible for expenditure incurred on the project and shall maintain separate accounts and records for the project to be implemented under this MoA. All payments will be made by Finance & Accounts Office (FAO), ONGC, Jorhat to MBBT,TU by Electronic clearing system (ECS)/ RTGS/NEFT.

1.2.4. In case MBBT,TU is not in a position to implement or complete the project due to valid reasons accepted by INBIGS, Jorhat, it should, forthwith, refund to FAO, ONGC, Jorhat the total funds received by it or balance, thereof.

1.2.5. On completion of all steps relating to the purchase of capital equipment, the equipment must be entered into asset register to be maintained by MBBT,TU for this project.

1.2.6. MBBT,TU will submit the request for release of milestone based payment, in bill format along with the progress report and the latest statement of expenditure in the prescribed format including Committed Expenditure, duly audited by internal/external auditor, as the case may be.

1.2.7. On completion of the project, MBBT,TU shall submit full details of Assets acquired under the project utilizing INBIGS, Jorhat funds and copies of sanction orders and invoices of the assets, along with Final audited Statement

ROLE OF TEZPUR UNIVERSITY

Tezpur University will be wholly responsible for the management of the project and successful completion of the project undertaken.

To provide existing facilities as mentioned in the project document.

MBBT, Tezpur University shall undertake to carry out the Project Work and related studies, as per the scope of work and deliverables etc. defined in the project proposal within the agreed time frame and budget by employing competent personnel.

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2.4. To allow the Scientists authorized by ONGC, INBIGS-Jorhat to work with the Research & Development team of the said MEOR Project in all stages of process development and production.

2.5. To recruit all scientific and non-scientific staff as sanctioned by ONGC, INBIGS-Jorhat.

2.6. To prepare and submit all periodical reports and other documents that would be required by ONGC, INBIGS-Jorhat.

2.7. To submit an annual audited statement of expenditure incurred under the project.

2.8. To ensure effective utilization of the grant given by ONGC, INBIGS-Jorhat for the purpose for which it was granted and to ensure timely progress of project work.

2.9. The manpower, both scientific and non-scientific, recruited shall be purely on contractual terms & conditions such that the contract for engagement of the manpower shall run concurrently with the said project period only.

2.10. Tezpur University is free to take technical/research collaborations with any other university/institutes as per the requirement of the project.

3 PROJECT DETAILS

Title of the Project: '**Formulation of a MEOR slug for Enhanced Oil Recovery of Upper Assam Basin (MEOR).**

3.1 Cost of the Project: Rs.40.95 Lakhs

3.2 Full Name of the Principal Investigator (PI): Dr Tapas Medhi, Assistant Professor, MBBT Department,TU

3.3 Full Name of Co- Principal Investigator (Co-PI): Dr Subrata Borgohain Gogoi, Professor, Petroleum Technology Department, Dibrugarh University.

3.4 Name(s) of Project Coordinator from ONGC, INBIGS-Jorhat:

Shri Harendra Singh. General Manager & Head-INBIGS, ONGC, Jorhat

Dr. B. C. Dutta, Chief Chemist, INBIGS, ONGC, Jorhat

3.5 Project Duration: Duration of project shall be three years from the date the Project has been sanctioned by ONGC, INBIGS-Jorhat.

3.6 OBJECTIVE OF THE PROJECT.

- Developing a high temperature (upto 120^0C) – high pressure(250 kg/cm^2) tolerance microbial slug comprising of bio surfactants and biopolymers for MEOR application.
- A detail rheological study for determining the displacement efficiency of the reservoir crude oil.
- A detail IFT study for determining the sweep efficiency of the reservoir crude oil.
- Microscopic study for understanding the plugging phenomenon in the thief zones of the reservoir by bio polymers.

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AFO/CDN/2018/222
25th Oct 2018

Ms. Namami Sharma
Asst Prof, Department of Social Work,
Tezpur University,
Napam, Tezpur 784 028

Dear Ms. Namami,

Approval to the proposal on 'Development of design and structure for course on the interdisciplinary approaches to nutrition, at Tezpur University'

This has reference to your letter dated 24th Aug 2018, forwarding the proposal on 'Development of design and structure for course on the interdisciplinary approaches to nutrition, at Tezpur University'.

We have reviewed the proposal and we confirm our support to a maximum of Rs.8,37,000/- (Rs. Eight Lakh Thirty Thousand only) for the period 1st Nov to 31st Dec 2018. The detailed budget is enclosed herewith.

We request you to forward the duly completed FACE form in order to release the advance funds for the activity. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/receipt numbers to enable us to liquidate the funds advanced and release the balance amount, if any, up to the approved budgetary ceiling.

We look forward to strengthening UNICEF's partnership with Department of Social Work, Tezpur University for effective implementation of programs for women and child welfare in Assam.

With best wishes,

Yours sincerely,

Ms. Chhaya Kunwar
OIC, UNICEF Office for Assam

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Education, Audiovisual and Culture Executive Agency

Erasmus+ : Higher Education - International Capacity Building

Brussels, 07/08/2018
ARES(2018)

Dr Stavros Zografakis
Rectorate
AGRICULTURAL UNIVERSITY OF ATHENS
Iera Odos 75
EL 11855 ATHENS

vrl@aua.gr
avoloud@aua.gr

Subject: **Erasmus+ Capacity Building in Higher Education - Call for Proposals EAC/A05/2017**

Reference: **Your application 598797-EPP-1-2018-1-EL-EPPKA2-CBHE-JP**

Strengthening education, research and innovation for climate smart crops in India

Dear Dr Zografakis,

You have submitted an application to the Erasmus+ programme, 2018 call for proposals for the action specified above. The call for proposals closed on 8/02/2018. The Education, Audiovisual and Culture Executive Agency (EACEA) received 874 eligible applications for this call.

I am writing to inform you about the selection decision taken by the Head of Department of the Agency, acting in her capacity as authorising officer, based on the recommendations of an Evaluation Committee assisted by external experts.

The selection decision is based on the quality of the application, its relative position in comparison to the other applications submitted and the budget available. Applications were assessed on a scale from 0 to 100 and were ranked by Region according to merit. In addition, and in line with the provision of the Programme Guide regarding the definition of the list of projects recommended for funding, the Evaluation Committee has also taken into account the results of the consultation with the EU Delegations in the Partner Countries. Lastly, the selection decision also took into account the geographical balance within a region in terms of the number of projects per country (within the limits of the available budget), the need to ensure that the overall results of the selection guarantees a sufficient coverage of the priorities of the Action and the respect of the condition that an applicant organisation cannot receive more than three grants under this Call.

I am pleased to inform you that your application has been selected for EU co-funding.

The table below provides you with an indication where your proposal was situated. Your application was considered as **Group I**.

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Groups		
I	Applications of very good quality (score higher than 75 points out of 100)	Number (%) 118 applications (13,5 %)
II	Applications of good quality (score between 60 and 75 points out of 100)	554 applications (63,5 %)
III	Applications of weak quality (score less than 60 points)	202 applications (23 %)

For your information, out of the 874 applications eligible 147 have been selected for funding and 23 have been placed on a reserve list.

The list of all selected projects and success rates by Regions will be published on the website of the Executive Agency, when all applicants have been notified about the selection results: (http://eacea.ec.europa.eu/erasmus-plus/selection-results_en).

Attached to this letter (Annex I), you will find an Evaluation report by the Evaluation Committee.

The maximum amount of funding to be awarded to your project is **840.302,25 €**. Please note that your budget has been revised following assessment and financial analysis of your budget by the Evaluation Committee. You will find attached to this letter an explanation of the changes; you are requested to confirm in writing (by signing the document) that you are able to implement your project and to achieve all its objectives and outcomes, as described in your application, with the amended budget. The document must be signed by the legal representative of the applicant organisation.

The process of awarding a grant can only be finalised once the Executive Agency has received and analysed the documents as requested in the list of documents to be submitted (see appendix).

The documentation specified must be submitted within a period of 10 working days from the date of receipt of this letter. Should the period for submission fall within the holiday period of the Applicant Organisation, the deadline will be extended until the Applicant Organisation is open. The finalisation of the Grant Agreements can only be done once all the necessary documents have been received and processed by the Agency. Therefore, the requested information needs to be received by the Agency no later than 14 September 2018.

The information specified in the list of documents to be submitted should be sent to the following address by email:

Eric Heng Vong
Education, Audiovisual and Culture Executive Agency, Unit A4
eacea-eplus-cbhe-projects@ec.europa.eu

This letter does not represent a financial or legal commitment of the Executive Agency. The offer of an award is confirmed only when the legal representative of the Executive Agency signs the Grant Agreement associated with this application.

Please do not hesitate to contact us should you have any further questions.

Yours sincerely,

Ralf RAHDERS
Head of Unit

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§2 Priorities

The field of education that will benefit from the activities / outcomes

Higher education

§3 Dates and Languages

§3.1 Dates and duration of the project

Start date 15/11/2018 End date 14/11/2021 Duration (months) 36 months

§3.2 Language for Grant Agreement and Communication with the Agency

English

Test your connection

...nection test succeeded

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Erasmus+

Form version : 1.3 EN Adobe Reader version : 11.004

C.5 Special mobility strand

Not Applicable

C.6 Grant requested

1. Staff costs	€307 372,00	Cannot exceed 40% of total
2. Travel costs and exceptional travel costs	€177 155,00	
3. Costs of stay	€276 840,00	
4. Equipment	€92 154,00	Cannot exceed 30% of total
5. Subcontracting	€9 499,00	Cannot exceed 10% of total
TOTAL	**€863 020,00**	Must be higher than or equal to 500.000€ and less than or equal to 1.000.000 €

Distribution of grant by organisation

	999872218	AGRICULTURAL UNIVERSITY O	€147 244,00
	999995796	UNIVERSITA DEGLI STUDI DI	€114 455,00
	999817801	ACADEMY OF ATHENS	€73 275,00
	999866689	UNIVERSITA POLITECNICA DE	€97 395,00
	915482800	Assam Agricultural Univer	€112 643,75
	968872085	TEZPUR UNIVERSITY	€105 428,75
	998747891	INTERNATIONAL CROPS RESEA	€103 566,75

Test your connection

The connection test succeeded.

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तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
संकायाध्यक्ष का कार्यालय, शोध व विकास / OFFICE OF THE DEAN, RESEARCH & DEVELOPMENT

Serial No... 5011
Date of Receipt... 20/2/19
File No...
Received by... Dean, R/D

INTER OFFICE MEMO

From	Dean, R&D Tezpur University	To	Dr. Nirmali Gogoi, Asst. Professor Dept. of Environmental Science, Tezpur University
Ref	DoRD/Misc./10/ 1352	Ref:	AUA/AdaptNET/TU/DOE/1305
Date	18/02/2019	Date	13/02/2019

This has reference to your Inter Office Memo stated above regarding registration of the collaborative project "Strengthening education, research and innovation for climate smart crops in India". In this regard, you are requested to kindly go through the following points and take necessary action to clarify/provide the same, for further needful.

1. Name of Principal Investigator / Co Principal Investigator, total grant for Tezpur University, name of the funding agency, duration of the project with start date, collaborating institutes etc. are not clear. Please provide documents in support of them.
2. Copy of sanction order from funding agency.
3. Copy of project proposal submitted to funding agency.

This may please be noted that as per TU Guidelines (copy enclosed), the Principal Investigator is to submit the copy of the sanction letter and a copy of the approved project proposal to the Dean, Research and Development.

(P. Deb) 15/02/19.
Dean, R&D (i/c)
Encl. As stated.

Kindly Note the following,

1. Name of PI : Prof. Debendra Chandra Baruah, Dept of Energy, TU
2. Name of Co-PI : Dr. Nirmali Gogoi, Dept. of Environmental Sciences, TU
   Dr. Eeshan Kalita, Dept of MBBT, TU
3. Total Grant for TU : €105428.75 (Euros) [Flag A]
4. Duration of project : 3 years (15-11-2018) [Flag B]
5. Collaborating Institutes: Enclosed in Flag C
6. Sanction order from funding agency (Flag D)
7. Project Proposal (Flag D).
8. Funding Agency : Erasmus + Capacity Building in Higher Education

Regards,

N.S. Azam
20/2/2019

Gogoi. (Co-PI)
19/02/2019.

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D C Baruah, B.E., M. Tech., PhD, FIE
Professor, Department of Energy
Tezpur University

+91 3712 27 5307 (Work)
+91 3712 27 3677 (Home)
+91 94350 08563
Email: dcbaruahd@tezu.ernet.in

Pamoja Cleantech AB
Villa Bellona
Universitetsvägen 8
114 18 Stockholm (Sweden)
Sweden: +46 765 829386
Uganda: +256 775 229136
India: +91 735 8583883

VC,
Acceptance of project gra
as in (B) may kindly
considered for app

F/6113
26/11/18

Approved
26-11-2018

Ref. Invoice for Expenses under Biomass Poly generation Project, Pamoja Cleantech AB, Villa Bellona, Universitetsvägen 8, 114 18 Stockholm (Sweden)

Invoice for INR 67700 for Study on Biochar: Experiments and Analysis

Please could you arrange immediate payment of the following for Biomass Poly generation Project in Tezpur University, India

Head	Amount (INR)
1. Chemical analysis	40700
2. Travel	5000
3. Fields experiments	22000
Total budget for Tezpur University to be provided by: Pamoja Cleantech AB, Villa Bellona, Universitetsvägen 8, 114 18 Stockholm (Sweden)	67700

(B)

Bank details for payment are as follows:

Name of the account holder:	REGISTRAR, TEZPUR UNIVERSITY
Name of receiving bank:	State Bank of India
Address of receiving bank:	Lake Road, Tezpur, Sonitpur-784001
Account Number:	30448821505
SWIFT/BIC account number:	SBININBB159
RTGS/IFS Code of the Branch:	SBIN0000195
MICR Code:	784002002

(A)

Please feel free to contact me, if you need any other details.

Yours Sincerely,

(D C Baruah)

(A)

B
26/XI/18

update form
issued

B
26/11/18

D.C. Baruah
Prof.
DR(Acad). B
27/11/18

Registrar TU

Pamoja Cleantech AB, one of the collaborative partners (we have MoU) has agreed to provide us ₹ 67,700=/ for our ongoing research work (details attached). Requested to (A) allow us to receive the amount (B) to verify the account details

(D.C Baruah) 26/11/18

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Collaborative Research work : D. Hybrid Bioenergy : by product utilization
Smart Hybrid Energy System for heat, electricity and crop nutrient
(SEA/KTH/PC/RNG/TU collaborative)

Budget regarding Study on Biochar:
No. of samples 6

Project

-	Particulars	Rate in Rs. (per sample per element)	Amount in Rs.	Remarks
	A. Chemical analysis			
1	Chemicals for sample preparation : HCL, H2SO4, HNO3, Chloroform, K2CR2O7, K2SO4, H3PO4, FAS, Titon X100	-	6500	Brand: Merck chemicals
2	AAS (K, Pb, Cu, Co, Mg, Na, Mn),	25	1050	Facility available in TU
3	ICP (Ca, S, P, Co, Cr, Zn, Ni, Cd)	25	1200	
4	SEM	200	1200	
5	EDX	200	1200	
6	Solid NMR	3000	18000	Out source
7	Surface area	1000	6000	Facility available in TU
8	FTIR	25	150	
9	Ultimate analysis (C,H,N,S,O)	900	5400	Out source
		Total (A)	40700	
	B. Travel			
10	Sample carrying/Handling from Tea estates, wetlands	-	5000	Transportation during sample collection
		Total (B)	5000	
	C. Field Experiments			
11	Preparation of Biochar conventionally	-	3000	
12	GHGs estimation in both crops (N_2O, CH_4, CO_2)			
	1) Gas trapping box (Fabrication and material charges	-	10000	Facility available at TU
	2) Laborers for field preparation, purchasing farm inputs		4000	
	3)Refilling of Gas cylinders (H, N) to run GC		8000	
		Total (C)	22000	
		Grand Total (A+B+C)	67700	

Gogoi
(Nirmali Gogoi) Guide
26/11/18

DR
(D. C. Baruah) PI
26/11/18

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Serial No...3929 ... .
Date of Receipt...24/12/18...
File No...D.Ch.Hy R.D... ....
Received by ....

MEMORANDUM OF UNDERSTANDING

Effective Date: 01st December, 2017

PARTIES

Tezpur University (hereafter "TU")

based in Tezpur, Assam India

AND

Rural Micro Generation Pvt LTD (hereafter "RMG")

based in New Delhi, India

AND

Pamoja Cleantech AB (hereafter "PC")

based in Stockholm, Sweden

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Registrar
Tezpur University

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PURPOSE

A. The Agreement is made between the Parties who are sharing a joint aim to provide clean energy technologies to replace fossil fuel driven energy technology in a cost-efficient manner.

B. The purpose of this Agreement is to make provisions for the future collaboration between Parties to introduce clean energy technology and smart grid management system at the Tezpur University Campus, Tezpur, India.

BACKGROUND

Pamoja Cleantech AB (PC) has been awarded financing from the Swedish Energy Agency to increase collaboration and technology transfer between Indian and Swedish businesses and research parties with a special focus on micro-grid innovation and renewable energy technology. PC will introduce Tezpur University (TU) to Royal Institute of Technology in Stockholm (KTH), Sweden, which may open up further opportunities for international research collaboration among the Parties.

TU wishes to reduce its annual energy costs whilst still maintaining or improving the level of energy access and availability at the University Campus. TU with the leadership of the Department of Energy, is therefore seeking to accelerate the rate of introduction of renewable energy generation equipment, energy management and new equipment designed to improve the energy efficiency of TUs power distribution and grid infrastructure. TU is, however, constrained by a need to avoid staff increases and capital investment and is therefore willing to set up this Energy Savings Agreement between the Parties.

Thus, hereby Parties agree on the introduction of a holistic energy system combining solar and biomass energies in a Smart hybrid system that will use Swedish State of the Art technology for Smart Grid Management. A high level of innovation will be applied with demand response, central production of hot water, Second generation biomass gasification system for power generation and production of biochar. The Micro-grid will also be a unique learning centre for the university students and research professionals, a training tool for power utilities, and while at the same time generating power for local loads at the University campus.

1. PRINCIPLES GOVERNING THE PARTIES

The parties have agreed to move forward together on the basis of the following guiding principles:

(a) Commitment to sustainable approach to energy services;

(b) Mutual respect for each other's complementary strengths;

(c) Commitment to responsive, flexible and transparent manner of developing and carrying out joint activities.

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2. AREAS OF COLLABORATION

Through this Agreement, Parties agree to make a mutual commitment, which simultaneously aims at joint Research and Energy Saving measure for the benefit of Tezpur University. However, all provisions require a financial approval by Swedish Energy Agency and in case that cannot be achieved, then all parties can terminate the Agreement in accordance with Clause 8.3.

(a) Collaborating on research activities that aim to collect, analyse and categorize energy data to provide input for energy management system.

(b) Collaborating on identification of joint R&D opportunities that may benefit Renewable Energy Technology innovation.

(c) Collaborating on research that aims to test and certify different biomass and waste feedstock that may be used in biomass gasification and pyrolysis systems for production of electricity, heat and/or biochar.

(d) Collaborating on research that aim at understanding different use of energy crops and plantation such as agroforestry in Assam, India and how these systems can be designed to provide biomass for energy generation in a sustainable manner.

(e) Seek joint opportunities for financing of research activities and promote joint collaborations between TU and Universities in Sweden for research collaboration.

(f) Create a unique training facility of its kind in India for professional training to engineers in power utilities and other micro-grid developers.

(g) Use the micro-grid in capacity building activities at TU and potentially as a demonstration plant open to the public to increase awareness of clean energy solutions.

3. ROLES AND RESPONSABILITIES

3.1. ROLE OF TEZPUR UNIVERSITY

TU has identified a number of buildings and functions at the University Campus that will off-take power and heat for the project. Provided that financial approval from Swedish Energy Agency is granted for the project. Tezpur University will:

(a) aim to, before end of January 2018, sign a separate PPA with a solar developer for a 1000 kWp solar photovoltaic power plant that will initiate installation in 2018 and be fully installed and in operation before end of 2019; and;

(b) aim to, before end of January 2018, sign an Energy Savings Agreement with PC/RMG according to the preliminary structure explained in Appendix 1, and;

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(c) aim to, before May 2018, sign a research collaboration with PC in the field of sustainable biomass production and organic agriculture, and;

(d) aim to, before end of October 2018, sign a research collaboration with KTH, Sweden for the development of educational modules on design, construction, and maintenance of micro-grids and on operation and monitoring of micro-grids, and;

(e) provide facilities or land for the installation of renewable energy technologies on peppercorn rent lease term for the term of this Agreement, and;

(f) provide energy data or make available historical data or possibilities to install metering technology to measure and monitor energy usage at the Tezpur University Campus, and;

(g) facilitate and co-ordinate the project implementation and allow for training and capacity building activities within its premises on a case by case basis which shall be agreed upon among Parties.

3.2. ROLE OF PAMOJA CLEANTECH AB

Reference to "Operative Partners" and/or "Contractor" in this Agreement refers to a Special Purpose Vehicle (SPV) that is jointly owned and operated by RMG and PC, or if such company has not been setup, the reference shall refer to both RMG and PC jointly. PC will be in charge of technology integration of Swedish and Indian renewable energy technology and implementation of monitoring and management systems. Provided that financial approval from Swedish Energy Agency is granted for the project, PC will:

(a) design, procure, install, commission and secure operations for the Energy Management System for the local grid and the Renewable Energy Generation Equipment including all technology listed in Appendix 2, and;

(b) provide Technical training and Capacity building for TU on the biomass gasification system operation & maintenance and the Grid Management System, and;

(c) support on the development of a supply chain of feedstock for the biomass gasification systems to be installed at TU.

(d) develop educational modules based on the installed Micro Grid equipment in collaboration with TU and KTH, Sweden.

3.3. ROLE OF RURAL MICRO GENERATION Pvt Ltd

Provided that financial approval from Swedish Energy Agency is granted for the project, RMG will:

(a) Contributing with technical expertise and will act as the local facilitator in India, and;

(b) Support PC with its activities to ensure a successful implementation of the planned activities and installation of technology listed in Appendix 2, and;

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(c) Design, implement and operate a local feedback supply for biomass gasification and biogas based power generation at TU, and;
(d) Share with Parties periodically about the operational & other challenges, and any lessons learned while facing those challenges.

4. SAVINGS TARGET AND PAY-BACK OF INVESTMENT

4.1 A detailed list of energy savings measures and equipment that shall be installed in order to obtain ongoing cost and energy savings is provided in Appendix 2. The Parties have detailed workout on the technical concept that aim to reduce the use of four 500kVA Diesel gensets used as a backup power source on the campus. For the finalization of the technical plan, TU has supplied and in case of any missing data TU will supply all available information in regard to - hours of operation, energy consumption and costs, service levels, building descriptions and building usage, existing energy equipment, or any other information that may still be needed for ensuring accurate planning efforts towards the implementation of the following equipment at the University Campus. The proposals detailed out in Appendix 2 are the result of the Initial Energy Audit.

4.2 A Preliminary Energy Audit has established the preliminary understanding of the opportunities for cost effective improvements at the project site. The Parties have agreed on preliminary saving targets on the specific energy tariffs provided by TU. TU wishes to take advantage of the fundamental principle of energy shared savings contracting, namely, that Contractor invests in new equipment in order to achieve energy savings sufficient to repay the equipment investment, reward the contractor for his risk-taking and the use of his facilities and allow TU a significant energy cost reduction right from the time of installation of the new equipment. The energy savings shall benefit the TU so that it can cut cost of its energy expenditure with a certain percentage of the baseline data which shall be established for the Two-year period i.e. January 2016 - December 2017. The exact savings target shall be defined in the Energy Savings Agreement in January 2018. The Operative Partners consisting of PC and RMG will operate the project jointly. A separate investment teaming agreement has been signed among the Operative Partners that stipulates the investment and profit sharing among the Operative Partners in order to recover and payback the initial capital expenditure investment.

4.3 The Energy Savings are calculated as per Appendix 1 and shall be based on input figures gained from TU and energy audits that have been made at the Campus.

4.4 Parties will remain owners of the assets that they contribute with towards the installation until at least the end of the SEA funded project (June 2020).

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The Operative Partners will create a Specific Purpose Vehicle (SPV) for the project.

5. MONITORING OF ENERGY CONSUMPTION & ESTABLISHING BASELINE FOR THE ENERGY SHARED SAVINGS CONTRACT

TU anticipates that the installation of the new equipment that will provide means of improving its monitoring of energy consumption and costs and invites the Contractor to provide monthly reports on energy consumption and saving in relation to Baseline Consumption figures established by the end of January 2018.

6. DISPUTE RESOLUTION

6.1 This agreement shall be governed by and construed in accordance with Indian Law.

6.2 Disputes that arise out of or in relation to this Agreement shall be sought resolved amicably between the disputing parties. If the parties being in dispute fail to resolve the dispute, the dispute shall be referred to arbitration at the Indian Chamber of Commerce, in New Delhi, India.

7. CONFIDENTIALITY

The Parties agree that they shall take reasonable measures to protect the confidentiality of each of the Parties and avoid disclosure or use of either party's confidential information in order to prevent it from falling into the public domain or the possession of persons other than those persons authorized under this MoU to have any such Confidential Information. Confidential Information should be clearly marked as Confidential.

8. DURATION OF AGREEMENT

8.1 This Agreement commences on the date of its ratification by signature by representatives of the three parties and shall remain in force for Twenty years.

8.2 Any alteration of the Memorandum shall be agreed upon jointly by the three parties and submitted in accordance with the same procedure as the original Agreement and shall be expressed in writing.

8.3 This agreement can be terminated by either Party with One month written notice, if the Swedish Energy Agency does not grant financial approval for the implementation of any of the technologies or activities mentioned in this Agreement. In case of termination of this agreement, all Parties shall bear their own costs and expenses for preparation and/or implementation of this Agreement and no party shall have any liability whatsoever for the loss of business, for occurred cost or expenses in regard to this Agreement in any

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other capacity in relation to proposed collaboration.

8.4 PC shall keep all Parties reasonably informed of the communication with the Swedish Energy Agency in regard to financial approval of planned activities.

9. COMMUNICATION AND EXCHANGE OF INFORMATION

There will be regular communications between the Parties. The contact persons are, unless otherwise agreed:

From Tezpur University:

Prof D C Baruah

+91-3712-275307

baruahd@tezu.ernet.in

From Rural Micro Generation Pvt Ltd:

Mr Subroto Chatterjee

+44 79 2121 3033

subroto.chatterjee@ruralmicrogeneration.com

From Pamoja Cleantech AB, Sweden:

Mr Olof Hallström

+46 720338895

olof@pamojacleantech.com

Any communication between the parties to this agreement shall be in the English language.

SIGNED: by the duly authorized representatives of the three Parties

Signed for and on behalf of Tezpur University

कुलसचिव
तेजपुर विश्वविद्यालय
Registrar
Tezpur University

Name: Dr. Biren Das
Position: Registrar, Tezpur University
Date:

Signed for and on behalf of Rural Micro Generation Pvt Ltd.

Name: Subroto Chatterjee
Position: CEO
Date:

Signed for and on behalf of Pamoja Cleantech

Director, Pelk Stenlund
Date: 4 December 2017

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Appendix 1

The preliminary proposal is to base the tariffs in the Energy Savings Agreement on the costs of alternative energy sources (reference rates). The reference rates are based on a campus with 2MW grid connection, 1MWp grid-tie, roof-top solar PV plant, 4x500kVA diesel back-up generators, and LPG for cooking and partial use of solar hot water systems for hot water generation. The production costs for solar power, grid power, diesel power, and LPG are inherently different. The reference rates will be re-negotiated every year based on the average alternative rates during the previous year. By measuring the instantaneous transfer of power at the transformers in real time, three distinctly different scenarios are possible:

A. National grid is intact, and power is imported from the national grid
B. National grid is intact, and power is exported to the national grid
C. National grid is disconnected

The corresponding alternative costs for each scenario are:

A. Current rate for grid power (Present Rate of DISCOM: Rs. 7.05/kWh)
B. Current rate for solar power (PPA Rate with Solar Developer: Rs. 2.42/kWh)
C. Current rate for diesel power (roughly 60Rs/L)

The reference rate for LPG is the same for all scenarios, and will be based on the current rate of LPG bottles. The proposed rates for sales of power from the E4T Micro Grid platform for each scenario are:

A. 95% of grid rate
B. 100% of solar rate (Rate at which Tezpur University signed the PPA with solar developer)
C. 80% of diesel rate (calculated from actual price of diesel and actual diesel consumption)

In addition, two types of energy savings systems will also be included on the platform: the first being a thermal grid for providing hot water, heating and producer gas from the CHP systems and gasifiers, and the second being a wireless demand response system called LuminGo using Load Management Units (LMU) that can toggle secondary priority loads on and off depending on the availability of grid/solar power. The heat from the CHP will be used for water heating. The hot water will be supplied to both toilets/bathrooms of the hostels and kitchens. The hot water supplied to the toilets/bathrooms will supplement the existing solar hot water system and supplied to the hostels where there is no solar hot water provisions. The amount of heat provided will be measured at the point of delivery to each hostel. Producer gas from the biomass gasifiers can be used in the kitchens in specially designed producer gas cookers to replace LPG cookers. Since measuring the flow of hot producer gas is difficult, the sale of producer gas will instead be based on a daily tariff per number of cookers, which will be further negotiated and agreed upon in the

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Energy Savings Agreement. The LMUs will initially only shut off deferrable loads to save diesel, and will thus use the diesel rate as reference. Each individual LMU measures voltage and current in real time, and will calculate the saved power by multiplying the time that the load is off by the product of the average voltage and current in the hour before being shut off. The savings from the LuminGo system will be verified with the actual consumption of diesel at the end of each quarter year. Our proposed rates for energy savings are:

(a) 50% of diesel rate for power saved by the LMUs.
(b) The rate of heat will be negotiated and defined in the Energy Savings Agreement
(c) The rate for producer gas will be based on a daily tariff per number of cookers, which will be defined in the Energy Savings Agreement

Appendix 2

The equipment included in the proposed E4T Micro Grid platform to be installed at Tezpur University campus in two separate phases are:

First phase (2018)

- 14 x 5kVA biomass fired Stirling CHP engines
- 140kVA multimode inverter system
- 90kWh advanced Li-ion battery system
- LuminGo demand response system with minimum 50 LMUs
- 200kWth biomass gasifier for co-production of biochar
- Two-way online power meter to measure import/export of power to micro grid

Second phase (2019)

- 14 x 5kVA biomass fired Stirling CHP engines (possibly upgrade to 10kVA engine generators)
- 140-240kVA multimode inverter system
- 90kWh advanced Li-ion battery system
- LuminGo demand response system with minimum 50 LMUs
- 200-400kWth biomass gasifier for co-production of biochar
- Two-way online power meter to measure import/export of power to micro grid

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unicef | for every child

United Nations Children's Fund | State Office for Assam
27 Basishapur Bylane # 3 Beltola Road Guwahati 781 028 Assam
Telephone : +91 361 2235151,53 Facsimile : +91 361 2235161 | guwahati@unicef.org | www.unicef.in

AFO/ISP/2018/267
5th December 2018

Dr Biren Das, Registrar
Tezpur University,
Napaam, Tezpur, Assam

Dear Dr Das,

Support towards 'Vulnerability analysis of Marginalised Communities in Riverine Islands of Assam' to Sociology department, Tezpur University for the term 10th December 2018 – 10th March 2019

This has reference to your letter Ref No F TU/SOC/UNICEF/18-09 dated 4th December 2018 forwarding a proposal outlining the activities and budget requirements for **Vulnerability analysis of Marginalised Communities in Riverine Islands of Assam** planned in collaboration with UNICEF for the period **10th December 2018 – 10th March 2019**

We have reviewed the proposal and confirm our support up to a maximum of Rs 5,31,628/- only (Rs Five lakhs thirty one thousand six hundred and twenty eight only) as follows

No	Items	Total budgeted	Partner's contribution	Total UNICEF Contribution
1 0	Vulnerability analysis of Marginalised Communities in Riverine Islands of Assam	5,31,628		5,31,628
	Total	**5,31,628**	**-**	**5,31,628**

We would request you to kindly provide us a FACE form for advance fund request and subsequently duly completed FACE Form, itemized statement of expenditure and an activity report for liquidation of the amount up to the approved budgetary ceiling

On completion of the activities, we would request you to kindly provide us duly completed FACE Form, itemized statement of expenditure and an activity report for reimbursement of the amount up to the approved budgetary ceiling

Please take note of the following requirements with regard to management of funds released by UNICEF

1. Funds should be utilized only for the purpose for which they are released as per approved budget
2. Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than 3 months from the date of release by submitting the following

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- Statement of Expenditure (SOE) duly signed and stamped by the concerned official in UNICEF prescribed format
- Funding Authorization and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure

Please note that as per financial rules, UNICEF cannot release any further funds to recipient accounts outstanding for more than 6 months

3 If your department is not in a position to utilize UNICEF's cash assistance within a period of 6 months from the date of release of funds, the unutilized cash assistance should be refunded to UNICEF in the form of a cheque payable to UNICEF
4 Unutilized funds cannot be retained by you or spent for any other activity without prior written approval of UNICEF
5 Please note that deviation in any budget line items should not exceed 10% Deviations beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that total approved budget is not exceeded
6 A brief report on the activities and list of participants (trainings) should be submitted

Please be informed that our financial regulations require that all relevant vouchers be stamped "PAID CHARGED TO UNICEF ACCOUNT" and are retained in your files for four years

We would like to inform you that periodic on-site reviews in the form of spot-checks of the cash will be conducted by UNICEF staff and they may be conducted and documented on a routine basis This will involve review of books of accounts, vouchers, bills and other related financial documents Monitoring visits will also be conducted from time to time during the implementation of the activities by Programme Officers from UNICEF and a monitoring findings report will be submitted to UNICEF by the visiting officers

With best wishes,

Yours sincerely,

Chhaya Kunwar
Officer-in-charge(OIC)
UNICEF, Office for Assam

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premium serums
& vaccines pvt. ltd.

No.:PSVPL/280/2018-19
Dated: 29/03/2019

To

Prof. A. K. Mukherjee

Department of Molecular Biology and Biotechnology

Tezpur University, Tezpur-784028, Assam, India

Sub: Sanction of consultancy project proposal

Dear Prof. Mukherjee,

We are pleased to inform you that your consultancy project proposal entitled "***Studies on country specific polyvalent Snake Venom Antiserum for Sri Lanka developed by Premium Serums & Vaccines Pvt. Ltd: Purity assessment and immunocross-reactivity analyses'*** at a total cost of Rs 5,09,152.00 (Rupees five lakhs nine thousand one hundred fifty only) for a period of 6 months has been approved for funding. The duration of the project will be form 1st April, 2019. The terms and conditions as given in the part V of project proposal are also accepted.

The total cost of the project is Rs 5,09,152.00 (Rupees five lakhs nine thousand one hundred fifty only) includes recurring grants only as per the budget summary given below:

Recurring items

S. No	Item/ Head	Amount (Rupees)
1	Recurring grant-consumables, outsourcing, contingency and domestic travel*	4,10,000.00
2	Consultancy fee	70,000.00
3	Overhead charge to University (5% of recurring grant)	20,500.00
	Total	500,500.00
6	Service tax on consultancy fee (12.36%)	8,652.00
	Grand Total	**5,09,152.00**

***Note:** Domestic travel via shortest route, cheapest airline is allowed.

Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, **E-mail** - premiumserums@gmail.com. **Web**:- www.premiumserums.com

premium serums
& vaccines pvt. ltd.

Brief Objectives of the project:

The test parameters to evaluate the polyvalent Snake Venom Antiserum for Sri Lanka are described below:

i. To determine the percent composition of F(ab)2 and contaminating proteins present in equine polyvalent antivenom manufactured by Premium Serum & Vaccines Pvt. Ltd, Pune.

ii. LC-MS/MS identification of contaminating protein(s), if any, in Sri Lanka polyantivenom.

iii. To determine the endotoxin, IgA, IgE, and anticomplimentary activity of Sri Lankan equine polyvalent antivenom manufactured by Premium Serum & Vaccines Pvt. Ltd, Pune.

iv. To determine the least immunogenic snake venom toxins against which antibodies are not present/least present in polyantivenom.

v. A comparison of immunological cross-reactivity of Sri Lanka polyantivenom manufactured by Premium Serum & Vaccines Pvt. Ltd, Pune and any other manufacturer against Sri Lankan snakes.

Rs 5,09,152.00 (Rupees five lakhs nine thousand one hundred fifty only) will be transferred on the following account details:

Accounts Holder's Name	: Tezpur University R&D
Name of the bank	:State Bank of India, TU branch, Napam, Tezpur, Dist-Sonitpur
IFSC Code	: SBIN000195
MICR Code	: 784002002
Bank Account Number	: 30448821505
Email of beneficiary	: deanrnd@tezu.ernet.in

Kindly acknowledged the receipt of this letter.

Thanking you

(Dr. M. V. Khadilkar)
Technical Director

Premium Serums & Vaccines Pvt. Ltd. Narayangaon (Pune)

Copy to:

1. Registrar, Tezpur University, Tezpur-784 028, Assam, India
2. Dean, R&D, Tezpur University, Tezpur-784 028, Assam, India
3. Secretary to the Vice-chancellor, TU for kind information to the VC
4. Concerned file

Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, **E-mail** - premiumserums@gmail.com. **Web**:- www.premiumserums.com

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AFO/WASH/2019/71

9th May 2019

To,
The Registrar,
Tezpur University
Napaam, Tezpur -784028
Assam

Dear Sir,

Sub: UNICEF support to Tezpur University to extend technical assistance to PHED: institutional strengthening and capacity building on monitoring WASH programs
Reference: 1. TU Letter No. F 27-1/97(GA-I)/VO.XIV/533 dated 08 May 2019
2. PHE letter no. PHE-2058/TB/2019/T-779 dt 25 April 2019

This has reference to your letter No. F 27-1/97(GA-I)/VO.XIV/533 dated 08 May 2019, with proposal and budget to "support PHED in institutional **Strengthening, Capacity Building and Program Monitoring of WASH".** Since the activities are mutually agreed, we are happy to confirm our support to the activities suggested in your proposal for the period 15th May – 31st December 2019 as per the approved budget up to a maximum of INR 72,81,750 (Rupees seventy-two lakhs eighty-one thousand seven hundred and fifty only).

Sl	Item	Amount (INR)
1.1	Monitoring and Evaluation for 20 Districts for 7.5 Months	5,700,000
1.2	Honorarium for Project Director	137,025
1.3	Honorarium for Faculty Coordinator	80,475
1.4	Program Coordinator 1 (based at Tezpur University)	337,500
1.5	Program Coordinator 2 (based at PHE, Guwahati)	375,000
1.6	Travel cost for Project Director (PD)	80,000
1.7	Travel cost for Faculty Coordinator (FC)	80,000
1.8	Travel cost for Project Coordinator (PC) 1	95,000
1.9	Food and accomodation for PD	174,000
1.10	Food and accomodation for FC	110,000
1.11	Food and accomodation for PC 1	76,000
2.1	Honorarium for Accounts Support	36,750
	TOTAL	72,81,750

On completion of the activity, we look forward to receiving the completed FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, as well as the finalised report of the activity to enable us to liquidate this amount and release the balance amount, if any, up to the approved budgetary ceiling.

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Please take note of the following requirements with regard to management of funds released by UNICEF.

1. Fund should be utilised only for the purpose for which they are released as per the approved budget.
2. Advance cash assistance released has to be settled within four weeks of completion of the activities and in any case not later than four months from the date of release by submitting the following.
   - Statement of Expenditure(SOE) duly signed and stamped by the concerned official in UNICEF prescribed format
   - Funding Authorisation and Certification of Expenditure (FACE) form should be completed and submitted along with the Statement of Expenditure (SOE).

Please note that as per financial rules. UNICEF cannot release any further funds to recipients with accounts outstanding for more than six months.

3. If your department/organisation is not in a position to utilise UNICEF's cash assistance within a period of six months from the date of release of funds, the unutilised cash assistance should be refunded to UNICEF in the form of a cheque payable to 'UNICEF'.
4. Unutilised funds can't be retained by you or spent for any other activity without prior written approval of UNICEF.
5. Please note than deviation in any budget line item should not exceed 10%. Deviations, beyond that, if any, should be agreed in writing by UNICEF prior to expenditure and provided that the total approved budget is not exceeded.
6. A brief report on the activities and list of participants (trainings) is desirable.

Please be informed that our financial regulations require that all relevant vouchers be stamped 'PAID – CHARGED TO UNICEF ACCOUNT' and are retained in your files for four years.

We would like to inform that periodic on-site reviews in the form of "spot checks" of the cash assistance will be conducted by UNICEF staff and they may be conducted and documented on a routine basis. This will involve review of books of accounts, vouchers, bills and other related financial documents. Monitoring visits will be also be conducted time to time during the implementation of the activities by Programme Specialists/Officers from UNICEF and a monitoring finding report will be submitted to UNICEF by the visiting officers.

Looking forward to a strong partnership to address safely managed water supply in Assam, under your able supervision and guidance.

With best regards,

Ms. Chhaya Kunwar
OIC, Field Office
UNICEF, Guwahati, Assam

Enclosed: Approved budget

BUDGET

Cooperation Agreement Title	Institutional Strengthening Capacity Building and Programme Monitoring of WASH
	Tezpur University, Napaam, Tezpur
Responsible Officer(s)	Dr. Chandana Goswami
Implementing Partner	Tezpur University
Project Period	15 May - 31 December 2019

Programme Costs								Amount in Indian Rupees*			
								UNICEF Contribution			Remarks
No	Items	Unit	Quantity	Unit cost	Total budgeted (INR)	Partner's contribution	Total UNICEF Contribution	15 May-30 June	1 July -30 September	01 Oct - 31 Dec	
A	B	C	D	E	F	G	H	I	M	N	O
1											
1.1	Monitoring and Evaluation for 20 Districts for 7.5 Months (Honorarium to 19 Persons * 7.5 Months * 40000)	Reports	142.5	40000	5,700,000		5,700,000	1,110,000	2,280,000	2,280,000	
1.2	Honorarium for Project Director (10% of Basic Pay)	Months	7.5	18270	137,025		137,025	27,405	54,810	54,810	
1.3	Honorarium for Faculty Coordinator (10% of Basic Pay)	Months	7.5	10730	80,475		80,475	16,095	32,190	32,190	
1.4	Program Coordinator 1 (based at Tezpur University)	Months	7.5	45000	337,500		337,500	67,500	135,000	135,000	
1.5	Program Coordinator 2 (based at PHE, Guwahati)	Months	7.5	50000	375,000		375,000	75,000	150,000	150,000	
1.6	Travel cost for PD	Days	20	4000	80,000		80,000	16,000	32,000	32,000	As per Actuals
1.7	Travel cost for FC	Days	20	4000	80,000		80,000	16,000	32,000	32,000	As per Actuals
1.8	Travel cost for PC 1	Days	38	2500	95,000		95,000	20,000	37,500	37,500	As per Actuals
1.9	Food and accomodation for PD	Days	20	8700	174,000		174,000	34,800	69,600	69,600	As per Actuals
1.10	Food and accomodation for FC	Days	20	5500	110,000		110,000	22,000	44,000	44,000	As per Actuals
1.11	Food and accomodation for PC 1	Days	38	2000	76,000		76,000	16,000	30,000	30,000	As per Actuals
	Subtotal				7,245,000		7,245,000	1,448,900	2,897,100	2,897,100	
	Total				7,245,000		7,245,000	1,448,900	2,897,100	2,897,100	

Program Efficiency and Effectiveness								UNICEF Contribution			
No	Item	Unit	Quantity	Unit cost	Total budgeted	Partner's contribution	UNICEF Contribution	MM MM YYYY	DD MM YY	DD MM YY	
								1st tranche	2nd tranche	3rd tranche	
1	2	3	4	5	6	7	8	9	9	9	
1.1	Honorarium for Accounts Support (10% of Basic Pay)	Months	7.5	1900	36,750		36,750	[illegible]50	11,700	11,700	
	Sub Total				36,750.00		36,750.00	[illegible]0.00	14,700.00	14,700.00	
In Kind Support								UNICEF Contribution			
Payments, if any					Total Budget	Partner's contribution	Total UNICEF Contribution	May 19	DD MM YY	DD MM YY	
								1st tranche	2nd tranche	3rd tranche	
[illegible]					7,281,750.00		7,281,750.00	[illegible]0.00	2,897,100.00	2,897,100.00	
[illegible]					6,750.00		6,750.00	[illegible]0.00	11,700.00	11,700.00	
[illegible]					91,000.00		7,281,750.00	[illegible]0.00	2,911,800.00	2,911,800.00	

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AFO/WASH/2019/172

6th August 2019

To,
Prof. Biren Das,
The Registrar,
Tezpur University
Napaam, Tezpur -784028
Assam

Dear Prof. Biren Das,

Sub: UNICEF support to Tezpur University, "Proposal for collaboration with UNICEF to support PHED in Water Quality Lab Strengthening in 10 selected districts of Assam".
Reference: 1. TU Letter dated 06 August 2019

This has reference to your letter dated 06 August 2019, with "**Proposal for collaboration with UNICEF to support PHED in Water Quality Lab Strengthening in 10 selected districts of Assam**". Since the activities are mutually agreed, we are happy to confirm our support to the activities suggested in your proposal for the period 16th August – 31st December 2019 as per the approved budget up to a maximum of INR 12,31,860 (Rupees twelve lakh thirty-one thousand eight hundred and sixty only).

Sl	Item	Amount (INR)
1.1	Honorarium for Project Director	87,210
1.2	Honorarium for Program Coordinator	2,25,000
1.3	Research Associate 1	1,35,000
1.4	Research Associate 2	1,35,000
1.5	Travel cost for Project Director (PD)	60,000
1.6	Travel cost for Project Coordinator (PC)	50,000
1.7	Travel cost for RA 1	50,000
1.8	Travel cost for RA 2	12,500
1.9	Food and accomodation for PD	1,30,500
1.10	Food and accomodation for PC	40,000
1.11	Food and accomodation for RA 1	40,000
1.12	Food and accomodation for RA 2	10,000
1.13	Capacity building and training of lab personnel	2,40,000
2.1	Honorarium for Accounts Support	16,650
	TOTAL	12,31,860

On completion of the activity, we look forward to receiving the completed FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, as well as the finalised report of the activity to enable us to liquidate this amount and release the balance amount, if any, up to the approved budgetary ceiling.

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AFO/C4D/2019/243

31 October 2019

Professor N. Karak
Dean,Research & Development,
Tezpur University
Napaam, Sonitpur

Dear Prof. N. Kanak,

Sub.: UNICEF Partnership with Tezpur University (Department of Mass Communication and Journalism): 'Advancing C4D as strategy for Social Change in Assam and NE Region (Phase IV)'.

This has reference to your letter no. DoRD/Project/10-10/641-A dated 30th October 2019 forwarding proposal and supporting documents relating to the project proposal for 'Advancing C4D as strategy for Social Change in Assam and NE Region (Phase IV)'. We have reviewed the proposal and confirm our support to a maximum of INR 236,600/- (Rupees Two Lakh Thirty-Six Thousand Six Hundred only). The detailed budget for each component is given as enclosure.

Sr. No.	Particulars	Budget
1	Orientation for students of MA C4D Programme	186,600
2	Networking and Action by Young Advocates for Social Change (NAYA SOCH)	50,000
	Total Budget	236,600/-

We hereby approve the budget to conduct the activity. We shall release the approved budget for the activity mentioned on receipt of the completed FACE form. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/ receipts in original, as well as a brief report on the activity to enable us to liquidate the funds advanced and refund the balance amount, if any.

I look forward to consolidating our partnership and take ahead the agenda of Social and Behaviour Change Communication (SBCC) in the region.

Warm regards,

Dr. Madhulika Jonathan
Chief, Field Office

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AFO/NUT/2020/34
13th March 2020

Prof. C K Sharma
Head of Dept., Dept of Social Work
Tezpur University

Dear Prof. Sharma,

Approval letter for request for support for State Nutrition and Community Action Resource Centre for the period of 1st March to 31st Dec 2020

This has reference to your request letter F-TU/SW-Proj/229 dated 13th March 2020, forwarding the request for support for State Nutrition and Community Action Resource Centre at Tezpur University.

We have reviewed the proposal and we confirm our support to a maximum of Rs. 25,86,000/- (Rupees Twenty five lakh eighty six thousand only) for the period 1st March to 31st Dec 2020.

We request you to forward the duly completed FACE form in order to release the advance funds for the activity. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/receipt numbers, as well as a brief report on the activity to enable us to liquidate the funds advanced and release the balance amount, if any, up to the approved budgetary ceiling.

We look forward to strengthening UNICEF's partnership with the University for effective implementation of programs for women and child nutrition in the state.

With best wishes,
Yours sincerely,

Dr. Madhulika Jonathan
Chief, Field Office
UNICEF Assam

VC and Chairman ONGC-CPBT

As per minutes of the ONGC Review Committee meeting held on 29.05.2019 in Tezpur University and subsequent meeting at INBIGS, ONGC, Cinammara Jorhat, the following two project proposals are agreed upon (Flag-A)

1. Bioremediation and reclamation of petroleum oil hydrocarbon contaminated soil/water by microaerophilic/ anaerobic bacterial consortium
PI: Prof. Manabendra Mandal , Professor, Dept. of MBBT
Co-PI: Dr. N. Bordoloi, STA, Dept. of MBBT
PI: Head INBIGS, ONGC
Co-PI: P. K. Hazarika, Dy General Manager , INBIGS, Jorhat , ONGC Ltd
The proposed budget for the project no 1

For the first year 5, 92,000.00 (Rupees five lakh ninety two thousand only)

With total budget of Rs. 11, 34,000.00 (Rupees Eleven lakh thirty four thousand only) for two years.

2. Development of A Biodemulsifier based process technology for oil recovery from petroleum sludge and /towards a sustainable sludge management protocol.
PI: Dr. Tapas Medhi, Assistant Professor, Dept. of MBBT
Co-PI: P. P. Dutta, Associate Professor Dept. of Mechanical Engineering, Tezpur University
The proposed budget for the project no 2
For the first year 7, 03,680.00 (Rupees seven lakh three thousand six hundred and eighty only)

Total budget of Rs. 17, 97,360.00 (Rupees Seventeen lakh ninety seven thousand three hundred and sixty only) for two years.

The amount may be sanctioned from the interest gained from the corpus fund of ONGC-CPBT.

Put up for kind perusal and approval

19/03/2020

(Manabendra Mandal).
Head, ONGC-CPBT

Approved

19/3/2020

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AFO/WASH/2020/48

01 April 2020

Dr. Biren Das,
Registrar, Tezpur University.
Napaam, Tezpur

Sub: UNICEF's technical assistance to Tezpur University from 1st April – 31st December 2020, on extending support towards Institutional Strengthening and Capacity Building to roll out Jal Jeevan Mission and SDG 6.1 in Assam

Dear Dr. Das,

Greetings from UNICEF Assam!

This has reference to the Tezpur University letter TU/BA/UNICEF/Project/2019/47 dated 31 March 2020.

Based on the proposal received, we agree to collaborate with Tezpur University from 1st April – 31st December 2020, to support PHED Govt of Assam, in strengthening supportive supervision and monitoring of JJM and related rural water programs.

In the context of the COVID 19 and related impacts on Jal Jeevan Mission (JJM) programming, we request you to share an updated term of reference and deliverables from the project agreed with Tezpur University.

This support is upto a maximum of INR 1,23,52,000/- (Rupees one crore twenty-three lakh fifty-two thousand only) as detailed below:

Output	**Institutional Strengthening and Capacity Building to roll out Jal Jeevan Mission and SDG 6.1**	
1.0	Institutional Strengthening, Capacity Building and Program Monitoring of WASH	INR 1,06,12,230
2.0	Water Quality monitoring and Lab strengthening of PHED	INR 16,94,320
3.0	Program efficiency and effectiveness	INR 45,450
Total		**INR 1,23,52,000**

On completion of the activity, the Financial Report, Cumulative Report, Quarterly Progress report, and Face form may be duly submitted to UNICEF as per the approved budget. Our financial reporting process remains the same as previously informed.

We look forward to working to with your Institution.

Warm regards,

Dr. Madhulika Jonathan
Chief, Field Office

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Rs.20

TWENTY RUPEES

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25AA 821346

AGREEMENT

This AGREEMENT is made on the 9th of the month of November 2020, between **Numaligarh Refinery Limited** registered under Companies Act, 1956 and having its registered office at 122A, G S Road, Christian Basti, Guwahati-781005, thereinafter referred to as NRL the First Party, which expression shall, unless excluded by or repugnant to the context, be deemed to include its successors, administrators, heirs, assigns and nominees of FIRST PARTY

AND

Department of Chemical Sciences, Tezpur University, Tezpur having address at Napaam, Tezpur, District – Sonitpur, PIN – 784028, Assam, there in after referred to as **SECOND PARTY**, which expression shall, unless excluded by or repugnant to the context, be deemed to include its successors, administrators, heirs, assigns and nominees of **SECOND PARTY**.

Whereas NRL, under its Corporate Social Responsibility activities, has agreed to financing the below mentioned project to the **SECOND PARTY**, which has the necessary expertise and experience required for execution of the said project.

This Agreement shall remain in force for 15 months from the date of signing of this Agreement unless terminated earlier, in accordance with the provision of this Agreement or the period is extended through a mutually agreed amendment to the Agreement Subject to the terms and conditions in this Agreement.

The financial contribution from NRL for the said Project would be **Rs. 19,80,000.00**

In view of the consideration above, the parties hereto agree as follows:

The terms and conditions of this agreement and the roles and responsibilities of each of the constituent members are as stated below:

ARTICLE-1: Role & Responsibilities of Department of Chemical Sciences, Tezpur University, Tezpur, will execute the projects as below as per the terms and conditions of this agreement and detailed scope of work:

SN	Details of Activity	Location	Detailed Cost as per approval (Rs)	Remarks if any
1	Arsenic removal from drinking water using do-it-yourself Arsiron Nilogon method	Adarsha Gaon, Rongagora, Chinakan & Singadoriya village at Kuruabahi under Golaghat District.	**Rs.19,80,000/-**	

Project Duration: 12 (Twelve) Months from the commencement of the project, which will commence within a month from release of the 1st installment of the fund.

Terms and conditions:

1. The job will be executed by Tezpur University under the supervision of Department of Chemical Sciences, Tezpur University, Tezpur under NRL CSR project.
2. SECOND PARTY will be responsible for proper implementation including supply of material, monitoring, awareness and capacity building of the project as per the detailed project proposal submitted to NRL by Dr. Robin Kumar Dutta, Professor, Department of Chemical Sciences, Tezpur University, Tezpur. The date of commencement of the project will be within one month of the receipt of the 1st Instalment of the grant. The required manpower for (i) Testing and Monitoring and (ii) Awareness and Capacity Building will be temporarily recruited by the SECOND PARTY with monthly salary and qualification as deemed fit by them for the duration of the project.
3. SECOND PARTY shall utilize the grant only for the purpose for which it has been sanctioned. However, up to a maximum of ten percent (10%) of fund from any head may

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AFO/CDN/2020/167

27 Nov 2020

Dr. Biren Das,
Registrar, Tezpur University,
Napaam, Assam

Sub: Approval for support to 'Nutrition and Community-Action Resource (NCARe) Centre' at Tezpur University during the period 1st January to 28th February 2021

Dear Dr. Das,

Greetings from UNICEF Assam!

This has reference to your letter dated 27th November 2020. Based on the proposal received, we agree to support the Nutrition and Community-Action Resource (NCARe) Centre' at Tezpur University during the period 1st January to 28th February 2021. This support is up to a maximum of Rs. 1,491,200/- (Rupees Fourteen Lakh, Ninety One thousand and two hundred only).

Sl No.	Activities	Requested amount	Approved amount
Act1	Consultative meeting of NCARe team at state level with Social Welfare Department and SPMU POSHAN Abhiyaan, and one day capacity building of NCARe team by UNICEF	80,000	80,000
Act2	Development of monthly report on C2IQ for nutrition interventions for state and high priority districts	636,000	636,000
Act3	Concurrent Monitoring of Nutrition services	234,000	234,000
Act4	One consultative meeting of SAM Think tank core group at NCARe Centre – Tezpur	48,000	48,000
Act5	NCARe Centre Cost	229,200	229,200
Act6	Technical support (Two divisions) (Human resource based at Jorhat and Goalpara)	264,000	264,000
	Total	**1,491,200**	**1,491,200**

In order to enable us to release funds, we request you to share the duly filled FACE form. On completion of the activity, we look forward to receiving duly filled FACE form, detailed statement of expenditure showing approved budget vs actual expenditure, vouchers/receipt numbers, as well as a brief report on the activity to enable us to liquidate the funds advanced and release the balance amount, if any, up to the approved budgetary ceiling. Our financial reporting process remains the same as previously informed.

We look forward to working together with Tezpur University for effective implementation of programs for women and child nutrition in the state.

Warm regards,

Dr. Madhulika Jonathan
Chief, Field Office

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TWENTY RUPEES

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23AA 809894

INCUBATION SUPPORT AGREEMENT

THIS INCUBATION SUPPORT AGREEMENT (hereinafter referred to as this "Agreement") is made this 17th day of March, Two Thousand Twenty One and entered into:

BY AND AMONG:

Numaligarh Refinery Limited, a company incorporated under the Companies Act, 1956 in India and having its Registered Office at 122A, G.S. Road, Christianbasti, Guwahati, Assam, hereinafter referred to as "NRL", which expression shall include, unless it be repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns of THE FIRST PART

AND

Indian Institute of Technology Guwahati, an Institute created under the Institutes of Technology (Amendment) Act, 1994 represented through The Dean, Industrial Interactions and Special Initiatives as authorized signatory, (hereinafter referred to as 'IITG' which expression shall include unless it be repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns OF THE SECOND PART.

AND

Vigitrics Private Limited, a company registered under the Indian Companies Act, and having its registered office at Nalbari, Assam, (hereinafter referred to as the "COMPANY" which expression shall, unless inconsistent with the context or meaning thereof, be deemed to include its subsidiaries, nominees, successors and permitted assigns) OF THE THIRD PART.

array of physiological sensor placed at the steering wheel will continuously monitor the heart e of the driver and based on the machine learning algorithms; the processor will identify the rowsiness of the driver.

Step 2:

A small camera will be positioned in front of the driver behind the steering wheel, which will capture the images of driver's eye at regular intervals of time and will also monitor the driver's head movement. Then the image will be processed in the processor where it will perform pattern recognition of the acquired data and determine if the driver is drowsy or not.

Step3:

Based on the output of Step1 and Step 2, the processing unit backed by some suitable machine learning algorithm will decide the driver's drowsy state.

The project is divided into two modules, one for each modality used for drowsiness assessment. First Module involves ECG based method, where a prototype for drowsiness detection using palmar ECG is to be built. Four quarters of the project is dedicated for first module, next four quarter involves addition of the video-based method to the ECG based prototype built in the first phase. The complete drowsiness assessment system is proposed to be completed by the end of eight quarters as has been described in the project timeline.

Project Milestones:

S. N.	Milestone	Duration	Budget (Rs)
1	Signal Acquisition from palm setup	6 Month	1308100
	Driving Condition Simulation Setup		
	Data collection for model training.		
2	Model Building from the data collected	6 Month	1242300
	Implementation with FPGA		
	Complete Module 1 Prototyping		
3	Image acquisition setup	6 Month	1186700
	Image based model construction.		
	Combining Multimodal Information for drowsiness detection		
4	Final Prototyping	6 Month	1259200
	Pilot testing		
	Total		4996300

Prior to the effective expiration or termination of this Agreement, the COMPANY agrees to return IITG-TIC and NRL all originals and copies of all Confidential Information in written form provided to the COMPANY pursuant to this Agreement or the operations of IITG-TIC & NRL or its affiliates.

(k) Headings.

The headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

IN WITNESS WHEREOF, the parties intending to be legally bound have executed this Agreement in triplicate by their respective duly authorized officers or agents.

Numaligarh Refinery Limited

By:___

Mr. Nikunja Borthakur

Sr. Chief General Manager (CA)

Date:

Witness:

Mr. Pranta Pratim Singha

Sr. Manager (Corporate Planning)

Date: 17/3/21

IITG

By:_____

Prof. G. Krishnamoorthy

Dean, Industrial Interactions & Special Initiatives

Date: 17/3/21

Prof. R. Ganesh Narayanan

Chairperson, IITG-TIC

Date: March 17, 2021

COMPANY

By:

Mr. Pharvesh Salman Choudhary

Director, Vigitrics Pvt. Ltd.

Date: 17/3/21

Witness:

Ms Mousumi Das

Director, Vigitrics Pvt. Ltd.

Date: 17/3/21

Company Master Data

CIN	U31900AS2019PTC019270
Company Name	VIGITRICS PRIVATE LIMITED
ROC Code	RoC-Shillong
Registration Number	019270
Company Category	Company limited by Shares
Company SubCategory	Non-govt company
Class of Company	Private
Authorised Capital(Rs)	500000
Paid up Capital(Rs)	40000
Number of Members(Applicable in case of company without Share Capital)	0
Date of Incorporation	07/06/2019
Registered Address	College Road Near Nalbari Eye Hospital Nalbari Nalbari AS 781335 IN
Address other than R/o where all or any books of account and papers are maintained	-
Email Id	xoumik@yahoo.com
Whether Listed or not	Unlisted
ACTIVE compliance	
Suspended at stock exchange	-
Date of last AGM	-
Date of Balance Sheet	-
Company Status(for efiling)	Active

Charges

Assets under charge	Charge Amount	Date of Creation	Date of Modification	Status

No Charges Exists for Company/LLP

Directors/Signatory Details

DIN/PAN	Name	Begin date	End date	Surrendered DIN
08474306	SOUMIK ROY	07/06/2019	-	
08474307	MOUSUMI DAS	07/06/2019	-	

08474308	SATYABRAT MALLA BUJAR BARUAH	07/06/2019	-
08600645	PHARVESH SALMAN CHOUDHARY	31/10/2019	-

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.3-36/2012(SAP-II)

October, 2012

To

The Registrar,
Tezpur University
Napaam, Tezpur-784028,
Assam

Sub.: University Grants Commission Assistance to the Department of **Electronics and Communication Engineering, Tezpur University, Napaam, Tezpur-784028, Assam** at the level of **DRS-I** for **5 years 2012-2017** under the Special Assistance Programme (SAP).

Sir,

1. This has reference to the departmental profile and proposal submitted by the **Department of Electronics and Communication Engineering** of your university for consideration to support under Special Assistance Programme (SAP) of the UGC as per revised guidelines of the Programme.

2. The UGC-Special Assistance Programme (SAP) is intended through constant efforts to raise the quality of teaching/research in different disciplines in Humanities, Social Science and Science subjects. Engineering & Technology department carefully selected on the basis of their work, academic achievement and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

3. The proposal of the **Department of Electronics and Communication Engineering** was examined by the Expert Committee on **28.3.2012** After a very careful and critical in-depth examination of the academic achievements of the department as given in the departmental profile, the Expert Committee recommended the department for consideration by the Commission to support the department at the level of **DRS-I.**

4. On the basis of the recommendations of the Expert Committee, I am to convey the approval of the Commission to provide financial assistance to the **Department of Electronics and Communication Engineering** of your university for a duration of **5 years(2012-2017)** under Special Assistance Programme (SAP) with the following thrust areas for research and teaching

Thrust Area Identified

- **Development of Micro-devices**

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5 As recommended by the Expert Committee, the Co-ordinator /Deputy coordinator of the Programme for the present phase of the Programme will be as indicated below:

Dr. Partha Pratim Sahu (Coordinator)

Dr. Manabendra Bhuyau (Deputy Coordinator)

The Co-ordinator may continue till the end of the present duration of the programme as per revised guidelines.

The financial assistance approved for implementing the present phase at the level of DRS-I for a duration of **5 years** from **1st April, 2012** are as indicated below:

	(Rs. In lakh)
Non – Recurring	**Rs. 62.00**
Recurring	**Rs. 07.00**
Total NR + R =	**Rs.69.00**

Details of the item-wise grant approved above are given in the **Annexure-I.**

It may be noted that if the University is unable to implement the approved scheme within six months from the date of issue of this letter, the approval shall be considered as having lapsed.

6. The Commission will also provide additional grant for the following purposes.

i) Maintenance, modernization, upgradation, accessories, spare etc. for equipments procured under the programme @ 5% of total equipment cost per annum from the date of expiry of warranty period till the end of the term. Thereafter, it has to be met by the University/Institute.

ii) Expenditure incurred or any amount deducted from the sanctioned amount by the University for any other purposes other than the items approved for implementing the programme will not be acceptable to the Commission.

7. To avoid inbreeding in SAP supported departments regarding recruitment of teachers and intake of students, the Commission has decided that the appointment on the faculty position in the departments financially assisted under Special Assistance Programme of the University Grants Commission be made from among the applications who have obtained their last academic qualification (M.A./M.Sc./M.Phil/Ph.D) from the university other than the one for which the appointment is being made. It has also been decided that the preference be given to the students from other states on at least 20% of the prescribed number of seats for admission in Graduate and Post Graduate courses in the departments under Special Assistance Programme.

8 As stipulated in the revised guideline for SAP/ASSIST Integrated Programme all sanctions under Special Assistance Programme (SAP) henceforth are subject to the conditions that departments under this programme would have to be given autonomy by the University / Institute for academic, financial and administrative matters relating to the Special Assistance Programme (SAP).

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9. It is desired that the departments having SAP and ASSIST or both Programme should immediately introduce the examination reform measure and funding for SAP and ASSIST would be linked with the implementation of the minimum programme of examination reforms in these departments.

10. It may also be ensured that the physical facilities created under the Special Assistance Programme SAP/ASSIST may be opened to be used by the other faculty members of the departments and other users within the University and from other University /Agency.

11 If Project Fellow has been approved, the appointment of Project Fellow may be made with the consolidated salary of Rs.14,000/- p.m. as per circular no. **F.2-2/2011(SAP-II)** dated **5.1.2012** The person to be considered for appointment as Project Fellow must have Second Class Master Degree with the minimum 55% marks (50% in case of SC/ST/PH) or M.Phil. in the subject concerned or related subject. The candidate possessing First Class BE/B.Tech. Degree and M.B.B.S. Degree are also eligible to be appointed are Project Fellows in Engineering & Technology and Medical subject respectively. The Candidate to be appointed as Project Fellow should be below the age of 40 years at the time of appointment for claim of

Salary of Project Fellow from the UGC the following document are to be furnished:-

(i) Copy of Notification/Advertisement of the vacancy

(ii) Copy of Minutes/Recommendation of the Selection Committee constituted for appointment of Project Fellow

(iii) Copy of University Order to the appointment of the Project Fellow.

(iv) Copy of Joining report of Project Feilow

(v) Attested copy of P.G. Mark sheet.

(vi) Attested copy of Cast/Disability Certificate in case the candidate belongs to reserved category and obtained below 55% marks

(vii) Attested copy of Matriculation Certificate for age proof.

(viii) Month-wise salary expenditure statement in respect of each Project Fellow

12. The University/ Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordinator or Co-ordinator) and also constitute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website www.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The department may contact the UGC nominees for their acceptance and intimate the Commission

1. **Prof. S.K. Koul, Electronics & Communication Engg., IITD**elhi.
2. **Dr. Kulbir Singh, Electronics & Communication Engg. Thapar University,** Patiala.

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC Guidelines

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13. For optimizing the effective and usefulness of the programme the Commission will send an expert committee or organise group monitoring / review after two years of support given to the department for mid-term evaluation of the progress of work done by the department. The department will send accordingly a consolidated progress report in the prescribed form.

14. The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.

ii) Name of the competent University Officer with full address in favour of the Demand Draft is to be sent by the UGC.

iii) Bank and Account number with address.

iv) Name of the Department Co-ordinator and Dy. Co-ordinator indicating (I) present designation (ii) specialised areas(s) of research and (iii) date of superannuation.

v) List of members of the Advisory Committee constituted by the university/ institute as per guidelines.

vi) Year-wise academic programme and action proposed to be undertaken by the department during the period of **5 years** to implement the programme.

vii) An undertaking from the University/institute to take over the recurring liabilities of the items including staff approved under the programme other than Project Fellow i.e. JRFs/RAs after a period of **5 years** of the programme.

viii) Action taken on the academic recommendations made by the Expert/Review Committee may be intimated in due course.

ix) The annual report of the work done during the year (as per effective date of the programme) should be submitted by the Programme Co-ordinator highlighting the academic achievements in research and teaching and indicating separately the progress in procuring of equipment/construction of building (only addition, alteration and renovation, if sanctioned under the programme) and the list of papers published in referred journal during the year positively reported by the end of every year.

x) The steps taken by the university/ institute to implement the decision of the Commission as indicated at Para-10 and 11.

15. The University/Institute shall take all possible measures to ensure effective implementation of policies of Government of India relating to SC/ST students and teachers in regard to the UGC programme. In case of non-teaching staff, the policies of the Central Government in respect of Central Universities and of the State Government in respect of State Universities shall be implemented.

16. The first installment of admissible grant will be released separately. In the meantime, the University may submit the following information requested for at para 14 (i, ii, iii & iv) by return of post.

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17. The second and subsequent installment of grant for any approved items will be considered and sanctioned only on receipt of the Utilization Certificate for the earlier installment in the prescribed form signed by the Registrar/Finance Officer as the case may be.

18. **It may be noted that if orders for purchase of equipment are not placed within six months from the date of receipt of the grant by the university, the approval shall be considered as having lapsed.**

Yours faithfully,

(Dev Swarup)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website ugc.ac.in.

Copy forwarded alongwith the copies of Annexure I for information and necessary action to:

Dr. Partha Pratim Sahu
Co-ordinator,
DRS Programme,
Department of Electronics and Communication Engineering,
Tezpur University,
Napaam, Tezpur-784028,
Assam

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Tezpur-784028, Assam.**
2. The Head **Department of Electronics and Communication Engineering, Tezpur University, Napaam, Tezpur-784028, Assam.**
3. The Secretary to the State Government of **Assam**, Department of Education, **Guwahati.**
4. Guard File.

(Uma Bali)
Under Secretary

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Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri D.K. Dalal
Programme Officer (ATC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085.
Phone: +91-2225594683
Email: dkdalal@barc.gov.in

No: 2012/34/61/BRNS/34302

Date: 05/10/2016

OFFICE MEMORANDUM

Sub: Terminal grant-in aid for the year **2016-2017**, for the R/P entitled **"Study of the role of collisions and their effect on instabilities in high density laser-plasma interactions as well as low-density plasma transport"** under Dr. Nilakshi Das, Associate Professor,Department of Physics, Tezpur University, Napaam, Assam 784 028. bearing sanction **2012/34/61/BRNS** withATC, BRNS.

In continuation of this Department letter of even number dated **10/06/2014**, on the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India for the continuance of captioned project during 2016-2017 and sanction to incur an expenditure of **Rs. 6,38,783/- (Rupees six lakh thirty eight thousand seven hundred eighty three only)** as detailed below:

Item of expenditure	**Year 3 (2016-2017)**
Staff Salary - SRF	336000
Consumables	40000
Travel - PI	50000
Contingencies	40000
Overheads	31950
Salary Arrears	140833
Total(INR)	**638783**

Date of Termination of the Project : **31/03/2017.**

Staff salary SRF for the period 01/04/2016 to 31/03/2017 @ Rs. 28,000pm

Staff salary arrears for the period 01/10/2014 to 25/07/2015 SRF @ Rs. 9,000pm to 26/07/2015 to 31/12/2015 SRF @ Rs. 10,000pm

2. The grant remaining unspent under the Heads "Equipments","Consumables" and "Overheads" for the year 2015-2016 are allowed to be carried forward to the current financial year 2016-2017.

3. The expenditure involved is debitable to the following Head of Account: **04 3401 00 004 27 02 31**

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Shri D.K. Dalal

Pay & Accounts Officer, DAE,Mumbai-400 001.

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Brief report on BRNS funded PROJECT

(This part should be uploaded as a word file. Please delete the fileds which are not applicable)



Sanction Number: 2012/34/61/BRNS dated 1st March, 2013

Mode of Execution: RP

Date of Start: 1st April, 2013

Date of Completion: 31st March, 2017

Total Amount Sanctioned (in Lakhs): Rs. 25,70,901/- (including additional amount for salary arrears)

Amount Received (in Lakhs with date): Rs. 25,43,398/- dated 01.03.2013, 01.12.2014, 30.11.2015 and 05.10.2016

Category: Conceptual

Title: Study of the role of collisions and their effect on instabilities in high density laser-plasma interactions as well as low-density plasma transport

Name of PI & Affiliation: Dr. Nilakshi Das, Professor, Department of Physics, Tezpur University, Napaam, Tezpur, Assam-784028

Name of CI & Affiliation: Dr. G. A. Ahmed, Associate Professor, Department of Physics, Tezpur University, Napaam, Tezpur, Assam-784028

Name of PC & Affiliation: Dr. Kartik Patel, L&PTD, BARC, Trombay, Mumbai-400085

Name of major Equipments procured and their cost:

1. One High End Workstation (Model No. HP Z820) Rs. 7,77,000.00/-
2. One 3 KVA On-Line UPS System Rs. 1,20,225.00/-
3. One Laptop Computer with Core- i7 Processor (Probook 4440 s) Rs. 69,000.00/-

Present working status of the Equipment: Good

Number of Journal Publications with impact factor (attach list as Annex- I): 5 (five)

Number of symposia presentations: 3 (three)

Number of staff trained under this project: 1 (one)

List of Objectives as mentioned in original proposal

(List accomplishments/ short falls against each of the objectives)

The objectives can be categorized as follows –

1. A self sufficient computational facility will be developed in the PI's institute for the execution of the project.
2. Investigation of the generation, growth and saturation of large magnetic fields through

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तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

संकायाध्यक्ष का कार्यालय, शोध व विकास

OFFICE OF THE DEAN, RESEARCH & DEVELOPMENT

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

No. DoRD/Phy/ND/20-162/ 1038-A

Date: 03.10.2017

To

Shri D.K. Dalal
Programme Officer (ATC)
BRNS Secretariat, 1st Floor, CC
BARC, Trombay
Mumbai - 400085

Sub: Forwarding of Final Report, Utilization certificate and statement of Accounts.
Ref: No. 2012/34/61/BRNS/2866 dated 01/03/2013

Sir,

We are forwarding herewith the Final report, Utilization Certificate and Statement of expenditure of the major research project entitled "**Study of the role of collisions and their effect on instabilities in high density laser-plasma interactions as well as low density plasma transport**" submitted by **Professor Nilakshi Das**, Department of Physics, Tezpur University & Principal Investigator, for favour of your necessary action please.

Thanking you,

Yours faithfully,

(A.K. Mukherjee)
Dean, Research & Development

Encl. As stated above.

Memo No. DoRD/Phy/ND/20-162/ 1038-A Date: 03.10.2017

Copy to:

1. Professor Nilakshi Das, Principal Investigator, Department of Physics, Tezpur University. This has a reference to her letter dated 20/09/2017. The forwarding letter and the documents are enclosed for onward transmission to the BRNS, Mumbai.
2. Head, Department of Physics, Tezpur University.
3. Finance Officer, Tezpur University.

03.10.2017

(A.K. Mukherjee)
Dean, Research & Development

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सत्यमेव जयते
Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

G.N. Pandey
Programme Officer (ATC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085
Phone: 25595386 FAX: 022-25505151
e-mail: gnpandey@barc.gov.in

No.2012/34/61/BRNS/ 2866-71 Date: 1 MAR 2013

OFFICE MEMORANDUM

Sub: R/P entitled "Study of the role of collisions and their effect on instabilities in high density laser-plasma interactions as well as low-density plasma transport" under Dr. Nilakshi Das, Associate Professor, Department of Physics. Tezpur University, Napaam, Assam – 784 028 bearing sanction **No.2012/34/61/BRNS** with **ATC**. BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for three years beginning from financial year **2012-13** with a total grant of **₹24,53,235/- (Rupees twenty four lakh fifty three thousand two hundred thirty five only)** for the project as under:

	Item of expenditure	I Year (2012-2013)	II Year (2013-2014)	III Year (2014-2015)
*	Equipment	11.58.900	----	----
#	Staff JRF (1)	1,92.000	1,92,000	2,16,000
	Consumables	50,000	40,000	40,000
	Travel	40.000	50,000	50,000
	Contingency	40,000	40,000	40,000
$	Overheads	1,08,068	21,150	22,950
	Total:	15.88.968	3,43,150	3,68,950

* (i) High End Workstation, (ii) Note book, (iii) Color Laser Printer, (iv) Digital Scanner, (v) UPS, (vi) Network Switch, (vii) Wireless Adapter for the Desktop, (viii) External backup hard Disk.

\# JRF salary @16000/- in 1st and 2nd year and on redesignation by Committee in 3rd year as SRF @18000/-.

$ Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (**₹1,52,167/-**) shall be released only on meeting the requirements specified **(See Annex-B)**.

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2. I am also pleased to convey the sanction of the President of India to incur an expenditure of **₹15,88,968/- (Rupees fifteen lakh eighty eight thousand nine hundred sixty eight only)** towards grant for the year **2012-13**.

3. The expenditure involved is debitable to:

Grant No.	-	04	Atomic Energy
Major Head	-	3401	Atomic Energy Research
Minor Head	-	00 004	Research & Development
Sub Head	-	08 02	Board of Research in Nuclear Sciences (BRNS)
Detailed Head	-	08 02 31	Grant-in-aid

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA, DAE.

Sd/-
(G.N. Pandey)

Pay & Accounts Officer,
Department of Atomic Energy,
Anushakti Bhavan,
CSM Marg, Mumbai - 400 001.

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Date:

No.2012/34/61/BRNS/

Copy forwarded to:

1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai - 400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. Registrar, Tezpur University, Napaam, Assam – 784 028.
4. ** Principal Investigator (PI): Dr. Nilakshi Das, Associate Professor, Department of Physics, Tezpur University, Napaam, Assam – 784 028.

A. First year grant is being released in full through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a DD/ MT, accordingly.

i) Receipt of this sanction letter and the DD/ MT for the amount sanctioned for the first financial year may please be acknowledged **(Form-I)**.

ii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX-A AND ANNEX-B **(ENCLOSED)**, WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released after the PI submits the following documents to the Programme Officer, BRNS:

a) Claim in Form-II **(enclosed)** quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on **31st March** of the preceding financial year in Form-III **(enclosed)** duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on **31st March** of the preceding financial year in Form-IV **(enclosed)** duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. **Interest earned in previous year should be reflected in the Statement of Accounts.**

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment in Form-V **(enclosed)**.

f) A One Page reports on the progress of work during first year.

C. Grant for the third year and subsequent years (if any), will be released only after the Principal Investigator (PI) fulfills the following requirement:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to submit a renewal/extension application in the prescribed Form PRA by email to Member Secretary (ATC) (pvananth@barc.gov.in) and Programme Officer, ATC (gnpandey@barc.gov.in) by **January 1** of the second and subsequent years of the project as the case may be alongwith the progress report giving year wise details of the progress made. Form-8R/PRA is also available on http://www.barc.gov.in/webpages/brns/brns1.html. A printed copy of the application duly signed and forwarded by head of the institution should also be submitted to the Member Secretary (ATC) as well as concerned Programme Officer, BRNS, 1st Floor, Central Complex, BARC, Mumbai-400 085 by **January 15**. All applications received shall be examined by specialists and PIs may be invited to a Discussion Meeting (TPDM). Renewal of the project will be based on the recommendation of the TPDM, Advisory Committee of the Board and subject to availability of funds for the relevant financial year.

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Annexure – III

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002
STATEMENT OF EXPENDITURE IN RESPECT OF MAJOR RESEARCH PROJECT

1. Name of Principal Investigator: Dr. Raza Rafiqul Hoque

2. Deptt. of PI : Department of Environmental science

   Name of University: Tezpur University

3. UGC approval Letter No. and Date:F.No.42-441/2013(SR) dated 12/03/13

4. Title of the Research Project: "Special and temporal variation of AOD in Mid Brahmaputra valley"

5. Effective date of starting the project: 01/04/2013

6. a. Period of Expenditure: From 01/04/2013 to 31/03/17

   b. Details of Expenditure

Head	Fund received (Rs.)			Expenditure(Rs.)					Balance (Rs.)
	1st Instalment	2nd Instalment	Total(Rs): A	I (2013-14)	II (2014-15)	III (2015-16)	IV (2016-17)	Total: I+II+III+IV B	A-B
Books & Journals	nil	nil	0					0	0
Equipment	800000	nil	800000		794371			794371	5629
Contingency including special needs	25000	20000	45000	21987	2760		23632	48379	-3379
Field Work/Travel	50000	40000	90000	43410	23882		26018	93310	-3310
Hiring Services	nil	nil	0					0	0
Chemicals & Glassware	25000	20000	45000		22472		15790	38262	6738
Overhead	10000	nil	10000	10000				10000	0
Total:	910000	80000	990000	75397	843485	0	65440	984322	5678
Interest earned(Rs.)	(For the period 2013-2017)		812						
Total balance(Rs.)	[Balance (A-B) Rs.5678 + Interest earned Rs.812] Rs.6490/-								

7. If as a result of check or audit objection some irregularly is noticed at later date, action will be taken to refund. adjust or regularize the objected amounts.

8. It is certified that the grant of Rs. 9,90,000/-(Rupees Nine lakhs ninety thousands only) received from the University Grants Commission under the scheme of support for Major Research Project entitled "Special and temporal variation of AOD in Mid Brahmaputra valley" vide UGC letter No. F. F.No.42-441/2013(SR) dated 12/03/13 and an amount of Rs.812 (Rupees eight hundreds towels only) has been earned as interest during the period. An amount of Rs.9,84,322/- (Rupees Nine lakhs Eighty-four thousands three hundreds twenty-two only) has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission. The unspent balance Rs 6,490 (Rupees six thousands four hundred ninety only) is refunded by RTGS no.: SBIN517188786385 dated: 07/07/17

Signature of Principal Investigator

Professor
Tezpur University
PI, AOD Project (UGC)
(F No. 42-441/2013)

Finance Officer

For SURAJIT CHAKRABORTY & CO.
CHARTERED ACCOUNTANTS
01.07.2017
CA. SURAJIT CHAKRABORTY
(Proprietor)
Membership No.- 305054

Registrar
(Seal)

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Office of the Registrar
Receipt No. 17797
Dated 17/6/16
Received by SY

(11) 20.153

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

GEN NER

FD Diary No. 4426
Dated : 26.05.2016

(1) Dem, R&D / for mark
(2) F.O.

14 JUN 2016
SY/16

No.42-441/2013 (SR)

June 2016

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi – 110002

Sub: Release of Grant-in aid to **Tezpur University, Tezpur-784028, Assam** for the year 2016-17 under plan in respect of Major Research Project entitled **"Spatial.....valley"** awarded to **Dr. Raza Rafiqul Hoque, Department of Environmental Science,** tenure of project from **01.04.2013 to 31.03.2017.**

Sir,

I am directed to convey the sanction of the University Grants Commission for payment of grant of **Rs. 80,000/- (Rupees Eighty thousand only)** as **2nd installment** for the year 2016-17 towards Major Research Project to **The Registrar, Tezpur University, Tezpur-784028, Assam** for the plan expenditure to be incurred during 2016-17.

I am also directed to say that the tenure of the above project has been extended by the UGC upto 31.03.2017 without any additional financial assistance for the extended period.

Name of the Item	Amount Allocated	Head of Account	Grant now Being Sanctioned	Grant already Released	Total Grant
Books & Journal	.....	3.(D)(i).35	.....	.....	.....
Equipment	8,00,000/-		.....	8,00,000/-	8,00,000/-
Honorarium	.....	3.(D)(i).31	.....	.....	.....
Project fellow	.....		.....	.....	.....
HRA	.....		.....	.....	.....
Chemicals	50,000/-		20,000/-	25,000/-	45,000/-
Contingency	50,000/-		20,000/-	25,000/-	45,000/-
Hiring Services	.....		.....	.....	.....
Travel/field work	1,00,000/-		40,000/-	50,000/-	90,000/-
Overhead Charges	10,000/-		.....	10,000/-	10,000/-
Additional Grant	.....		.....	.....	.....
Total	10,10,000/-		80,000/-	9,10,000/-	9,90,000/-

1. The sanctioned amount is debit able to **Major Research Project head Sector 3.(D)(i).31** and is valid for payment during the financial year **2016-17** only.

File. Annexure
05/7/16

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12. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 69/2014 [F.No.10-11/12 (Admn. IA & B)] dated 26/3/2014.

13. The University / Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

14. The University / Institution shall take immediate action for its accreditation by National Assesament & Accreditation Council (NAAC).

15. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

16. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

17. The grantee institution shall remit the amount of grants-in-aid/or interest through e-mode (RTGS/NEFT) directly to UGC account as per following bank details:-

Account Holder	Secretary, UGC, New Delhi-110 002
Name of Bank & Address	Canara Bank, UGC Office, New Delhi-110 002
A/C No.	**8627101002064**
Type of A/C	Savings
IFSC Code	CNRB0008627
MICR Code	110015170

18. An amount of **Rs. 8,92,240/-** out the grant of **Rs. 9,10,000/-**..... Sanctioned vide letter No. **F. No. 42-441/2013 (SR)** dated **12-03-2013** has been utilized by University/College/Institution for the purpose for which it was sanctioned. Utilization Certificate for **Rs .....** ...NIL..... has been entered at S. No..... now we may enter Utilization Certificate for **Rs**...**8,92,240/-** .....S. No...**19**..... and in the U.C. Register at page No...**12**.....

19. Funds to the extent of Rs are available under the scheme or BE / RBE of the year 2016-17.

20. This issues with the concurrence of IFD vide **Diary No. 7986 (IFD) dated 11.02.2016.**

21. This issues with the approval of Joint Secretary (MRP) vide **Diary No. 55845 dated 29.02.2016 and revalidated for the financial year 2016-17 with the approval of the Chairman, UGC vide Diary No. 58242 dated 28.04.2016.**

Your faithfully,

(G.S. AULAKH)
UNDER SECRETARY

Copy forwarded for information and necessary action for :-

1. **The Registrar, Tezpur University,**
   Tezpur-784028, Assam
2. Office of The Registrar, General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
3. Accountant General, State Govt. of **Assam, Dispur.**
4. **Dr. Raza Rafiqul Hoque, Department of Environmental Science, Tezpur University, Tezpur-784028, Assam**
5. Guard file.

(ARUN KUMAR SINHA)
(SECTION OFFICER)

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23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437

Office of the Registrar

Receipt No. 17 Dated 03.04.13

Date

Received By

Serial No... 214 ... ...
Date of Receipt 11.04.2013 ...
Diary No. आयोग ... ...
Checked By ... ...

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

1. Dean, R&D
2. OSD (Fin)
3. Dr. R. Hoque Dept of Env. Science
4 UGC Guard File

F. No. **42-441/2013 (SR)**

The Under Secretary (FD-III)
University Grants Commission
New Delhi-110002

Sub:- UGC support for the Major Research Project in Physical Sciences, Bio-Sciences, Maths , Medical, Agricultural Sciences and Engineering & Chemistry to University/College Teachers – Project entitled,

"Spatial and temporal variation of aerosol optical depth (AOD) in Mid Brahmaputra valley"

Sir,

I am to refer to your letter forwarding the application of **Dr. Raza Rafiqul Hoque** of your institution for financial assistance under the above scheme and to convey the Commission's approval & sanction an on account grant of **Rs. 9,10,000/- (Rupees: nine lakh ten thousand only)** to the Registrar, **Tezpur University, Tezpur-784028, Assam** in r/o Major Research Project of **Dr. Raza Rafiqul Hoque,** Department of **Environmental Science** for the period of 3 years w.e.f. **1.4.2013** as detailed below:-

S.No	ITEMS	AMOUNT APPROVED	GRANT RELEASED AS Ist INSTALMENT	Category
A.	**Non - Recurring**		**8,00,000/-**	**GEN**
1.	Books & Journals	nil		
2.	Equipment (microtops II sun photometer)	8,00,000/-		
B.	**Recurring**			
1.	Honorarium to Retd. Teacher @ Rs. 12, 000/- p.m.	nil		
2.	Project Fellow @14,000/- p.m. for initial 2 years and Rs. 16,000/- p.m. from the third year onwards.	nil		
3.	Chemical/ Glassware / Consumable	50,000/-	**1,10,000/-**	
4.	Hiring Services	nil		
5.	Contingency	50,000/-		
6.	Travel/Field Work	1,00,000/-		
7.	Special Need	nil		
8.	Overhead Charges @ Rs. 10% approved recurring Grant (Except Travel & Field Work)	10,000/-		
	Total (A + B)	**10,10,000/-**	**9,10,000/-**	

The acceptance Certificate in prescribed format (Annexure-1 available on the UGC web-site) may be sent to the undersigned within one month from the issue of the award letter failing which the project may be treated as cancelled.

If the terms & conditions are acceptable, as per guideline which are available on UGC web-site www.ugc.ac.in the Demand Draft/ Cheque being sent may be retained. Otherwise the same may be returned in original to the UGC by Registered Post in variably with in 15 days from the receipt of the Demand Draft/Cheque in favour of Secretary, UGC, New Delhi.

Principal Investigators should ensure that the statement of expenditure & utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission in time.

The first instalment of the grant shall comprise of 100% of the Non –Recurring including Over Head Charges, and 50% of the total Recurring grant.

11/4/2013

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1. The sanctioned amount is debitable to the Major Head **4. (i) .a (31) Rs. 1,10,000/- & 4. (i) .a (35) Rs. 8,00,000/-** and is valid for payment during financial year **2012-13**.
2. The amount of the Grant shall be drawn by the Under Secretary (drawing and Disbursing Office), University Grants Commission on the Grants-in-aid Bill and shall be disbursed to and credited to the University/College, **Tezpur University, Tezpur-784028, Assam** through Cheque/Demand Draft/ Mail Transfer.
3. The Grants is subject to the adjustment of the basis of Utilization Certificate in the prescribed performa submitted by the University/Colleges/institution.
4. The University/College shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on approved items of expenditure.
5. The Utilization Certificate of the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the close of the current financial year.
6. The assets acquired wholly or substantially out of University Grant Commission's grant shall not be disposed or encumbered of utilized for the purposes other that those for which the grant was given, without proper sanctioned of the University Grants Commission and should, at any time the College/University ceased in function such assets shall revert to the University Grant Commission.
7. A Register of assets acquired wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.
8. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanction/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
9. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the Utilization Certificate/Statement of expenditure to be furnished by grantee institution.
10. The University/College/Institute shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes/Scheduled Tribes/OBC/PH etc.
11. The University/College shall fully implement to Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Languages (Use for Official purposes of the Union) Rules, 1978 etc.
12. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 25/92 dated May 01, 1992.
13. An amount of **Rs.** ---------- out the grant of **Rs.** ---------- sanctioned vide letter No. F. **42-441/2013 (SR)** dated has been utilized by University/College/Institution for he purpose for which it was sanctioned. Utilization Certificate for **Rs.** ---------- has already been entered at S. No. ------- now we may enter Utilization Certificate for **Rs.** ---------- S. No ------ and in the U. C. Registrar at page No. ----.
14. It is also certified from the B.C.R. that the funds are available under the scheme. Entered in BCR at S.No 2746/8 The above grant is sanctioned against the budget provision of **Rs.** ..... during the current financial year leaving a balance of **Rs.** ---------- under the head of Account **4. (i) .a (31) Rs. 1,10,000/- & 4. (i) .a (35) Rs. 8,00,000/-**
15. The funds to the extent are available under the Scheme.
16. The University/Institution/College is strictly following the UGC regulations on curbing the menace of ragging in Higher Educational Institutions, 2009.

(Dr. (Mrs.) Urmila Devi)
Joint Secretary

Copy forwarded for information and necessary action for:-

1. The Registrar, **Tezpur University, Tezpur-784028, Assam,**
   Acknowledgement for the receipt of DD / Cheque / Mail Transfer for **Rs. 9,10,000/-** may be sent to the Under Secretary, Finance Division III, UGC,
2. **Dr. Raza Rafiqul Hoque,** Principal Investigator, Department of **Environmental Science** **Tezpur University, Tezpur, 784028, Assam**
3. office of the Director General of Audit, Central Revenues, A. G. C. R. Building, I. P. Estate, New Delhi.
4. The Registrar,

(Pramod Sharma)
Section Officer

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EARTH SYSTEM SCIENCE ORGANIZATION (ESSO)
INDIAN INSTITUTE OF TROPICAL METEOROLOGY (IITM), PUNE
(An Autonomous Institute of the Ministry of Earth Sciences (MoES), Govt. of India)

Dr. Homi Bhabha Road, Pashan
Pune – 411008, Maharashtra, India

Ref. No. IITM/MAPAN/12

Date: August' 30, 2013

To,
The Registrar,
Tezpur University,
Tezpur, Assam, India.

Subject: Project entitled 'Modelling Atmospheric Pollution and Networking (MAPAN)' – Tezpur (MAPAN – 12)

PI: Dr. Raza R. Hoque, Tezpur University, Tezpur – 784 028.

Approval of the Director, IITM of the above project at a cost of Rs. 20, 32, 000/- (Twenty Lac thirty two thousand only) is conveyed to you for implementation in a period of 4 years as per the break up given below.

Sanction of the Director IITM is also hereby conveyed to release an amount of Rs. 4, 84,000/- (Rupees Four Lac eighty four thousand only) towards the recurring grant in aid for the first year.

Sr. No.	Items	Amount (For first year)	Amount (For 2nd year)	Amount (For 3rd year)	Amount (For 4th year)	Total Amount in Rs.
1.	Emoluments (Salaries) for Manpower					
	2 Research Fellows (@16000 p.m. for first 2 years and @18,000 p.m. for next 2 year)	3,84,000	3,84,000	4,32,000	4,32,000	16,32,000
2.	Travel and Contingency	1,00,000	1,00,000	1,00,000	1,00,000	4,00,000
	Total	4,84,000	4,84,000	5,32,000	5,32,000	20,32,000

The Grant will be regulated in accordance with the provisions of IITM and Ministry of Earth Sciences and purely based on the MOU signed between IITM and your Institution. The Grants in aid are also subject to particular conditions mentioned below:

1. The amount towards the head "Research Fellows" shall be utilised towards the payment of stipend of the 2 JRF's employed under the MAPAN Program as per the T&C stated below. This will be a consolidated amount and no other allowance will be applicable.

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Name of the Beneficiary	Name of the Bank where A/C of the Org. is held.	Address/Code of the Bank Branch	A/c No.	MICR Code and the IFSC Code

15. Any of the terms and conditions set herein may be added / deleted / altered / relaxed at the discretion of the Director IITM, Pune Administration.

Kindly acknowledge the receipt of the letter.

Thanking you,

Yours Sincerely,

10.9.13

(S. M. Hendre)
Joint Manager
For Director, IITM

Copy forwarded for information and necessary action to:

1. Registrar,
   Tezpur University,
   Tezpur – 784 028,
   Assam,India
2. Dr. Raza R. Hoque - PI
   Tezpur University,
   Tezpur – 784 028,
   Assam,India
3. Program Director (MAPAN)
   Dr. Gufran Beig, Program Director MAPAN, IITM, Pune
4. Joint Manager - Accounts (IITM, Pune)

10.9.13

(S.M.Hendre)
Joint Manager,
For Director, IITM

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(1) VC
(2) Prof. M. Barbora
(3) ~~HOD~~ HOD, EFL
(4) F.O.

31/4/14

23236735/ 23239437/23235733 23232701
23237721/ 23232317/23234116/ 23236351

UGC website: www.ugc.ac.in

All communications should be addressed to the Secretary by designation and not by name

Office of the Registrar
Receipt No. 088
Date 4/4/14
Received by

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002
विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली - 110 002

F.No.15-6/2012 (CU)

03rd April, 2014

The Registrar
Tezpur University
Distt. Sonitpur, P.B.No.72,
Napaam, Tezpur
Assam – 784 028.

The Registrar
Rajiv Gandhi University
Rono Hills, P.O. Doimukh
Itanagar
Arunachal Pradesh – 791 112.

The Registrar
Sikkim University
6th Mile, Samdur,
P.O. Tadong, Gangtok
Sikkim – 737 102.

Sub: Establishment of Centres for Endangered Languages in Central Universities - reg.

Sir,

With reference to the letter no. F.21-45/1/2013 (Acad)/255 dated 17th May, 2013 of Tezpur University, letter no. AC-1053/CEL/2011 dated 29th April, 2013 of Rajiv Gandhi University and letter no.SU/VCO/2012-2013/624 dated 01st July, 2013 of Sikkim University on the above subject I am directed to convey the approval of UGC as under:

(i) The Tezpur University, Rajiv Gandhi University and Sikkim University shall establish a Centre for Endangered Languages in each of the Universities and shall work in a Cluster format, as a Consortium for the purpose of Development of North-eastern Languages, with Tezpur University as the lead Cluster.

(ii) In order to avoid replication of research, the Centres for Endangered Languages in the three Central Universities will be required to coordinate documentation and research work between various Departments within the university concerned as well as between the three Universities.

(iii) The lead Cluster University, viz Tezpur University will be expected to hold a two days workshop for preparing a complete work plan for the purpose of this Scheme, indicating very clearly the specific academic staff and specific departments associated with the Centres for Endangered Languages in the universities concerned. The work plan will also specify 'outcomes' as well as 'indicators' for assessing progress of the work.

(iv) After examining the financial proposal submitted by the universities and after examining the presentations made before the UGC, the total funds allocated to your

University for the first three financial years is as under:

S.No.	Name of University	Amount Recommended	Task Assigned/Purpose
1.	Tezpur University, Assam.	6,00,00,000	1. The University will develop work to cover the languages in Assam as well as in Nagaland and Manipur. The work in all three states must commence simultaneously and not in phases. 2. The University will be required to re-work the budget and submit it to the UGC before availing of the grant. 3. The re-work budget will be required to indicate clearly the correspondence between the activities to be undertaken and the funds asked for under the budget-head.
2.	Rajiv Gandhi University, Arunachal Pradesh	1,80,00,000	1. Each of the two universities will be working in Arunachal Pradesh and Sikkim & North Bengal respectively. This quantum may be increased depending on the assessment of capacity of the universities after three years. 2. The Universities will be required to re-work the budget and submit it to the UGC before availing of the grant.
3.	Sikkim University, Sikkim	1,80,00,000	

2. A national level workshop will be organised by the UGC at a later date.

3. The UGC may be periodically informed with regard to the progress made by the university in implementing the scheme.

Yours faithfully,

3.4.2014

(Sushma Rathore)
Under Secretary

O/C
Received
3/4/14

विश्वविद्यालय अनुदान आयोग
University Grant Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुरशाह जफर मार्ग नई दिल्ली - 110 002
Bahadurshah Zafar Marg, New Delhi-110002
Phone : 011-23604429

ज्ञान-विज्ञान विमुक्तये

No.F.82-1/2015(CU)

February, 2019

The Registrar
Tezpur University
Somitpur, P.B.No.72, Napaam
Tezpur, Assam - 784028.

Sub: Approval of Grants-in-aid to Tezpur University under "Establishment of centres for Endangered Languages in Central Universities" during XII Plan for the year 2018-2019.

Sir,

I am directed to convey the approval of the University Grants Commission for payment of **Rs.3,00,00,000/- (Rupees Three Crore only)** as **final instalment towards "Establishment of centres for Endangered Languages in Central Universities" to Tezpur University for the Plan expenditure to be incurred during 2018-2019.**

(Rs. in lakhs)

XII Plan Allocation	Name of the Item	Head of Account	Grant already released	Grant being sanctioned	Total Grant released so far
337.50	Grants-in-aid General (Recurring) (31)	CU General Component 3(A) 19(xviii) 31	130.78	130.78	261.56
		CU SC Component 3(B) 19(xviii) 31	25.31	25.31	50.62
		CU ST Component 3(C) 19(xviii) 31	12.66	12.66	25.32
		Total	**168.75**	**168.75**	**337.50**
262.50	Grants of Capital Assets (Non-recurring) (35)	CU General Component 3(A) 19(xviii) 35	101.72	101.72	203.44
		CU SC Component 3(B) 19(xviii) 35	19.69	19.69	39.38
		CU ST Component 3(C) 19(xviii) 35	9.84	9.84	19.68
		Total	**131.25**	**131.25**	**262.50**
600.00		**Grand Total**	**300.00**	**300.00**	**600.00**

The sanction letter of the above mentioned grant is being issued separately under General, SC and ST Component.

Yours faithfully,

(Kulvinder Kaur)
Under Secretary

RECURRING-GEN-NER

FD Diary No. 9874
Dated: 19.02.2019

ज्ञान विज्ञान विमुक्तये।

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

No.F.82-1/2015(CU)

February, 2019

21 FEB 2019

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002

Sub: **Release of Grants-in-aid to Tezpur University for the year 2018-2019 under "Establishment of centres for Endangered Languages in Central Universities".**

Sir,

I am directed to convey the sanction of the University Grant Commission for payment of **Rs.2,32,50,000/- (Rupees Two Crores Thirty Two Lakhs Fifty Thousand only)** to Tezpur University, Tezpur, Assam, as Second and final installment towards "Establishment of Centres for Endangered Languages in Central Universities" for the financial year 2018-2019 as per details given below:-

(Rs. in lakhs)

Name of the Item	Head of Account	Grant already sanctioned	Grant now being sanctioned	Total Grant
Grants-in-aid General (Recurring) (31)	CU General Component 3(A) 19(xviii) 31	130.78	130.78	261.56
Grants of Capital Assets (Non-recurring) (35)	CU General Component 3(A) 19(xviii) 35	101.72	101.72	203.44
	Total	**232.50**	**232.50**	[illegible]

2. The sanctioned amount is debitable to the Block Grant for Central Universities as stated above and is valid for payment during the financial year 2018-2019 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028** through Electronic mode as per the following details:-

a.	Details (Name & Address)of Account Holder	The Registrar, Tezpur University, Distt. Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784011.
b.	Name & Address of Bank Branch	Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur - 211 002.
c.	Account No.	1699695635
d.	Type of Account	Saving Bank Account
e.	IFSC Code	CBIN0281346
f.	MICR Code	784016002

4. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed Proforma submitted by the University.

5. The University/Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guidelines there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

8. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the University ceased to function such assets shall revert to the University Grants Commission.

9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.

10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned/paid. In-case of non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.

11. The University/Institution shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SCs, STs & OBC) horizontal (person with disability etc.)] in teaching and non-teaching posts.

12. The University/Institution shall follow implement the official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.

13. The sanction is issued in exercise of the delegation of power vide UGC Order No.130/2013 {F.No.10-11/12 (Admn. IA & B} dated 28.05.2013.

14. The University/Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

15. The University/Institute shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University/Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. All interests earned against Grants-in-Aid (other than reimbursement) released to university should be mandatorily remitted to UGC Saving Bank account No. 05860100022853 of Bank of Baroda with IFS Code : BARB0PARLIA immediately after finalization of accounts. Any interest earned out of Grants in aid should not be treated as additional funds over and above the allocation.

19. Any short fall in the funds under non-salary items is required to be met out by the University from the own resources.

20. The University is registered / mapped with PFMS portal.

21. The issues with the concurrence of IFD vide Diary No. 3644 dated 05.02.2019.

22. This issue with the approval of the Chairman, UGC vide Diary No. 40995 dated 15.02.2019.

Yours faithfully,

(Kulvinder Kaur)
Under Secretary

Copy forwarded for information and necessary action for:-

1. The Registrar, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028.
2. The Finance Officer, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028.
3. O/o DG of Audit, Central Revenues, AGCR Building, I.P.Estate, New Delhi.
4. Accountant General (A & E) Assam, Maidamgaon Beltola Guwahati – 781 029 (Assam).
5. F.No.1-2/2018(CU).
6. F.No.1-3/2018(CU).
7. Guard File.

(S. Savithri Menon)
Section Officer

RECURRING-ST-NER

FD Diary No. 9873
Dated: 19.02.2019

Kku foKkua

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

No.F.82-1/2015(CU)

February, 2019

21 FEB 2019

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002

Sub: Release of Grants-in-aid to Tezpur University for the year 2018-2019 under "Establishment of centres for Endangered Languages in Central Universities" during XII Plan.

Sir,

I am directed to convey the sanction of the University Grant Commission for payment of **Rs. 22,50,000/- (Rupees Twenty Two Lakhs Fifty Thousand only)** to Tezpur University, Tezpur, Assam, as second and final installment towards "Establishment of Centres for Endangered Languages in Central Universities" for the financial year 2018-2019 as per details given below:-

(Rs. in lakhs)

Name of the Item	Head of Account	Grant already sanctioned	Grant now being sanctioned	Totai Grant
Grants-in-aid General (Recurring) (31)	CU General Component 3(C) 19(xviii) 31	12.66	12.66	25.32
Grants of Capital Assets (Non-recurring) (35)	CU General Component 3(C) 19(xviii) 35	9.84	9.84	19.68
	Total	**22.50**	**22.50**	**45.00**

2. The sanctioned amount is debitable to the Block Grant for Central Universities as stated above and is valid for payment during the financial year 2018-2019 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028** through Electronic mode as per the following details:-

a.	Details (Name & Address)of Account Holder	The Registrar, Tezpur University, Distt. Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784011.
b.	Name & Address of Bank Branch	Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur - 211 002.
c.	Account No.	1699695635
d.	Type of Account	Saving Bank Account
e.	IFSC Code	CBIN0281346
f.	MICR Code	784016002

4. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed Proforma submitted by the University.

5. The University/Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guidelines there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

8. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed of encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.

9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.

10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned/paid. In-case of non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.

11. The University/Institution shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SCs, STs & OBC) horizontal (person with disability etc.)] in teaching and non-teaching posts.

12. The University/Institution shall follow implement the official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.

13. The sanction is issued in exercise of the delegation of power vide UGC Order No.130/2013 {F.No.10-11/12 (Admn. IA & B} dated 28.05.2013.

14. The University/Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

15. The University/Institute shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University/Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. All interests earned against Grants-in-Aid (other than reimbursement) released to university should be mandatorily remitted to UGC Saving Bank account No. 05860100022850 of Bank of Baroda with IFS Code : BARB0PARLIA immediately after finalization of accounts. Any interest earned out of Grants in aid should not be treated as additional funds over and above the allocation.

19. Any short fall in the funds under non-salary items is required to be met out by the University from the own resources.

20. The University is registered / mapped with PFMS portal.

21. The issues with the concurrence of IFD vide Diary No. 3644 dated 05.02.2019.

22. This issue with the approval of the Chairman, UGC vide Diary No. 40995 dated 15.02.2019.

Yours faithfully,

(Kulvinder Kaur)
Under Secretary

Copy forwarded for information and necessary action for:-

1. The Registrar, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028.
2. The Finance Officer, Tezpur University, Sonitpur, P.B.No.72, Napaam, Tezpur, Assam – 784028.
3. O/o DG of Audit, Central Revenues, AGCR Building, I.P.Estate, New Delhi.
4. Accountant General (A & E) Assam, Maidamgaon Beltola Guwahati – 781 029 (Assam).
5. Guard File.
6. F.No.1-2/2018(CU).
7. F.No.1-3/2018(CU).

20.2.19

(S. Savithri Menon)
Section Officer

No. SR/FTP/ES-27/2013

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(A Statutory Body of the Department of Science & Technology, Government of India)

5&5A, Lower Ground Floor,
Vasant Square Mall, Sector-B,
Pocket-5, Vasant Kunj,
New Delhi - 110070

Dated: 23.05.2017

ORDER

Sub: Extension for the Research Project entitled "***Understanding of arsenic phase distribution and co-contamination perspective with fluoride in the Brahmaputra flood plains***" - **Reg.**

PI: Dr. (Mrs.) Ritusmita Goswami, C/O. Dr. Manish Kumar, Assistant Professor, Department of Environmental Science, Tezpur University, Tezpur-784028, Assam.

In continuation to the order of even number dated 24.03.2017, sanction of the Science and Engineering Research Board is accorded to extend the project duration for nine months i.e. from 20.06.2017 to 19.03.2018 within the approved cost.

2. The organization/institute/univerity should ensure that the technical support/financial assistancce provided to them by the SERB, a statutory body of the DST, Government of India should invariably by highlighted / acknowledged in their media release as well as in bold letters in the opening paragraphs of their Annual Report.

3. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/programme funded by the SERB, a statutory body of the DST, Government of India.

4. This order has been issued with the approval of the competent authority.

24.05.17

(Dr. Prahlad Ram)
Scientist-C

Copy forwarded for information and necessary action to: -

1 The Finance & Budget Officer, SERB, New Delhi.
2 Sanction Folder, SERB, New Delhi.
3 File Copy.
4. Dr. (Mrs.) Ritusmita Goswami, C/O. Dr. Manish Kumar, Assistant Professor, Department of Environmental Science, Tezpur University, Tezpur-784028, Assam.
5. Registrar, Tezpur University, Tezpur-784028, Assam.

24.05.17

(Dr. Prahlad Ram)
Scientist-C

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सत्यमेव जयते

Telegram : Scienctech
दूरभाष / Tel : 26962819, 26567373,
26562134, 26562122 (EPBAX)
फैक्स / Fax : 26569908, 26864570,
26863847, 26862418

Dr. UMESH KUMAR SHARMA
SCIENTIST-D
PHONE : (011)-26590680
FAX : (011)-26963695
Email : uk.sharma@nic.in
Web: www.serc-dst.org

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली- 110 016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016

No. SR/FTP/ES-27/2013

Dated: 20.01.2014

Subject: "Understanding of arsenic phase distribution and co-contamination perspective with fluoride in the Brahmaputra flood plains".

Dear PI,

I am happy to inform you that your reformulated research proposal referred under subject above has been considered by SERB and recommended for funding, subject to your fulfilling the eligibility conditions and submission of necessary support documents mentioned below.

1. **Institutional Certificate/Endorsement letter from the Head of the Institute or Competent Authority** i.e. Registrar of University/Director of the Institute where the project will be implemented (**Original copy in the Official letter head as per the enclosed format – Annexure-1**).
2. List of facilities extended/made available to you by the Institute endorsed by the Head of Institute/Registrar.
3. A fresh budget allocation table covering following items with justification of each item to be mentioned below the budget table. (However, we have already earmarked the necessary budget allocation based on your original proposal and committee's recommendations)
4. List of equipment/s with copy of the latest quotation/s including insurance, freight etc., if any along with technical justification of its requirement in the methodology along with a summary sheet indicating equipment & accessories, cost & quantity.
5. List of consumable with cost, preferably in a tabular format, indicating name of costly consumables with tentative cost & quantity.
6. In case the project involves cost on account of fabrication of equipment of analytical charges, details of fabrication cost/s analytical charges may be provided along with quotations and/or necessary fabrication diagrams etc under the **head others**.
7. A certificate mentioning that any visit abroad for a period more than 8 weeks would be undertaken with the prior permission of SERB **well in advance**. (**"Certificate regarding VISIT ABROAD" duly endorsed by the Competent authority** in the enclosed format **Annexure-2)**
8. An attested Copy of your **PhD award**.
9. In case, you intend to draw fellowship from the project grant, then a certificate mentioning that you are not drawing/will not draw any emoluments/fellowship from any Institution/Society/S&T Agency /organization while drawing this fellowship during the tenure of the project (A **"Certificate regarding FELLOWSHIP" duly endorsed in the enclosed format as Annexure-3)**

Contd…..2/-

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10. An Attested copy of a school **certificate for age proof.**
11. **An attested copy of a Certificate issued by Competent Authority in case of claiming age relaxation**, (under any reserved categories etc.).
12. **Institutional Bank details** (Name & Address of the Institute, Bank Name, Branch Name, IFSC Code, Account Name, MICR Number) **duly certified by the Head of the Institute or Competent Authority** i.e. Registrar of University/Director/Principal of the University/Institute/College where the project will be implemented.
13. A consolidated list of all documents enclosed.

Now, you are requested to send the above documents/information at your earliest **in a single lot. These documents should be duly endorsed wherever necessary by the Director or Head of the Institute (if it is an Autonomous Body) or Registrar (if it is a University) where the project will be implemented.**

Secondly, as a matter of policy, the progress of the project will be monitored during its implementation stage after a period of 14-18 months of its sanction. An Expert Committee in the subject area constituted by the SERB will review the progress of the project. You will be invited for a detailed presentation before the Expert Committee in a Group Monitoring Workshop meeting organized by the SERB. **Please note that the project starts only after its financial sanction is accorded by SERB.**

Please respond immediately to this offer along with all the desired documents/inputs as listed above to enable us process further for release of funds for implementation of the project. In any case, if we do not hear from you within 3 months from the date of issue of this offer letter, the offer will automatically stands withdrawn. No correspondence will be entertained thereafter.

Looking forward to receive your reply at an early date.

With kind regards,

Yours sincerely,

(UMESH KUMAR SHARMA)

No. SR/FTP/ES-27/2013
DR. (MRS.) RITUSMITA GOSWAMI
C/O. DR. MANISH KUMAR
ASSISTANT PROFESSOR
DEPARTMENT OF ENVIRONMENTAL SCIENCE
TEZPUR UNIVERSITY, TEZPUR-784028, ASSAM

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Office of the Registrar
Receipt No. 1104
Date 22/6/14
Received by

No. SR/FTP/ES-27/2013

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A Statutory Body of the Department of Science & Technology, Government of India)

Technology Bhavan
New Mehrauli Road
New Delhi – 110016
Dated: 22nd April, 2014

Subject: Financial Sanction of the research project titled "Understanding of arsenic phase distribution and co-contamination perspective with fluoride in the Brahmaputra flood plains" under the guidance of Dr. (Mrs.) Ritusmita Goswami, C/O. Dr. Manish Kumar, Assistant Professor, Department of Environmental Science, Tezpur University, Tezpur-784028, Assam.

ORDER

Sanction of the Science and Engineering Research Board (SERB) is here by accorded to the above mentioned project at a total cost Rs. 25,00,000/- (Rupees Twenty Five Lakh only) with a break up of non recurring (Capital Budget Head) grant of Rs. 5,00,000/- (Rupees Five Lakh only) and recurring (General) grant of Rs. 20,00,000/- (Rupees Twenty Lakh only) for a period of three years to the **Registrar, Tezpur University, Tezpur-784028, Assam** towards implementation of the above said project as per the following breakup of funds:

Sl. No.	Head	Total (in Rs.)
A	**Non-recurring (Capital Items)**	
1	Equipments [Fluoride measurement electrode; Multiple Water Quality Monitoring System; As-Speciation Kit]	5,00,000
A'	Total (Capital)	5,00,000
B	**Recurring Items (General)**	
1	General – A [Fellowship @Rs.35,000/p.m., Consumables, Contingency, Special needs (outside analysis), Travel-domestic]	17,00,000
2	General – B (Overhead Charges)	3,00,000
B'	Total (General)	20,00,000
C	**Total cost of the project (A'+B')**	**25,00,000**

2. Sanction of the SERB is also accorded to the payment of Rs. 5.00 Lakh under Non-Recurring and Rs. 7.00 Lakh under Recurring to the **Registrar, Tezpur University, Tezpur-784028, Assam** being the grant for the year 2014-15 for implementation of the said research project.

3. It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC/s is/are enclosed.

4. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

5. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project

7. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

8. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/338/2014-15 dated 21.04.2014.

Contd....2/-

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9. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

10. The total release amount of Rs. 12.00 Lakh (Rupees Twelve Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of cheque/DD/RTGS favouring "**Registrar, Tezpur University, Tezpur-784028, Assam**" and will be sent to **Registrar, Tezpur University, Tezpur-784028, Assam**. For RTGS transaction their Bank details are given as below:

Account Name	Tezpur University R&D
Account Number	32988673022
Bank Name, Branch	State Bank of India, Main Branch, Tezpur
IFSC Code	SBIN0000195
MICR Code	784002002

11. The institute will furnish to the SERB, New Delhi, Utilization Certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

13. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

14. The institute may refund any unspent balance to SERB by means of an a/c payee Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

U. K. Sharma
Scientist-D

To,
Finance & Budget Officer, SERB, New Delhi.
Copy forwarded for information and necessary action to: -

1. Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, New Delhi.
2. Pay & Accounts Officer, SERB, New Delhi.
3. Sanction Folder, SERB, New Delhi.
4. The Principal Director of Audit
   A.G.C.R. Building
   IIIrd Floor, I.P. Estate
   New Delhi-110 002
5. The Registrar
   Tezpur University
   Tezpur-784028, Assam
6. Dr. (Mrs.) Ritusmita Goswami
   C/O. Dr. Manish Kumar
   Assistant Professor
   Department of Environmental Science
   Tezpur University, Tezpur-784028, Assam
7. File Copy

U. K. Sharma
Scientist-D

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NO. SB/FT/CS-073/2013
SCIENCE AND ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor,
Vasant Square Mall,
Plot No. A, Community Centre,
Sector -5, Pocket -5,
Vasant Kunj,
New Delhi-110070

Dated: 20.05.2014

ORDER

Subject: - Financial Sanction of the research project entitled **"Asymmetric synthesis of new classes of unnatural α-amino acid derivatives"** under the guidance of **Dr. Sajal Kumar Das, Assistant Professor, Department of Chemical Sciences, Tezpur University, Tezpur-784028.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the bove mentioned project at a total cost of **Rs. 2480000/- (Rupees twenty four lakh eighty housand only)** with break-up of Rs. **670000/- (Rupees six lakh seventy thousand only)** under **on-Recurring** and **Rs. 1810000/- (Rupees eighteen lakh ten thousand only)** under **Recurring** r a duration of three years. The items of expenditure for which the total allocation of **Rs. 2480000/-** as been approved for a period of three years, are given below:

SI. No.	HEAD	TOTAL (In Rs.)
A	**Non-Recurring**	
1	**Equipment:** Rotary evaporator with vacuum pump, UV lamp, Electric oven, High vacuum pump, Printer, Magnetic stirrer	**670000**
A'	**Total (Non-Recurring)**	**670000**
B	**Recurring Items**	
1	**Recurring- A : (Manpower, Consumables, Analytical Charge, Travel(Domestic), Contingencies)**	**1510000**
2	**Recurring- B: (Overhead Charges)**	**300000**
B'	**Total (Recurring)**	**1810000**
C	**Total Cost of the Project (A'+B')**	**2480000**

Sanction of the SERB is also accorded to the payment of **Rs. 670000/- (Rupees six lakh eventy thousand only)** *under* **'Non-Recurring'** *and* **Rs. 600000/- (Rupees six lakh only)** *under* **ecurring'** being the grant for the year **2014-15** for implementation of the said research project

The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER) (Non-Recurring & Recurring)
This release is being made under FTYS. [CHEMICAL - SCIENCE)

The Sanction has been issued with the approval of the competent authority under delegated wers and vide Diary No. **SERB/F/537/2014-15 dated 28.04.2014.**

Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at ebsite (www.serb.gov.in).

Overhead expenses are meant for the host Institute towards the cost for providing infrastructural ilities and general administrative support etc. including benefits to the staff employed in the project.

While providing operational flexibility among various subheads under head **Recurring-A**, it uld be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

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8. The total release amount of **Rs. 1270000/- (Rupees twelve lakh seventy thousand only)** will be drawn by the **Finance & Budget Officer of the SERB** and will be disbursed by means of cheque/DD favouring **"The Registrar, Tezpur University, Tezpur"** and will be sent to **The Registrar, Tezpur University, Napaam, Tezpur: 784028 (Assam)** or by means of RTGS transaction as per their Bank details given below:

Account Name	**Tezpur University R&D, Tezpur University, Napaam, Tezpur**
Account Number	**32988673022**
Bank Name & Branch	**State Bank of India (Main Branch), Lake Road, Sonitpur, Tezpur**
IFSC/RTGS Code	**SBIN0000195**
PI's Email ID	***sajalkdas@gmail.com***

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

10. As per Rule 211 GFR, the accounts of the project shall be open to inspection by sanctioning authority / audit whenever the Institute is called upon to do so.

11. The Institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. The unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi, after completion/termination of the project.

(R. K. Joshi)
Scientist D

To,
Finance & Budget officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	**Dr. Sajal Kumar Das,** **Assistant Professor,** **Department of Chemical Sciences,** **Tezpur University,** **Napaam,** **Tezpur-784028 (Assam)** *(For guidance, terms & conditions etc. Please visit www.serb.gov.in. Please intimate the start date by post)*
5.	**The Registrar,** **Tezpur University,** **Napaam,** **Tezpur-784028 (Assam)** *(Kindly send receipt of the grant by post)*

(R.K. Joshi)
Scientist D

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Office of the R...strar
Receipt No 4278
Date 02/11/16
Received by

Serial No... 5721
Date of Receipt 03.11.2016
File No...
Received by

NO. SB/FT/CS-073/2013
SCIENCE & ENGINEERING RESEARCH BOARD

To Dean, R&D
& F.O.

02/11/16

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5
Vasant Kunj
New Delhi-110070

Dated: 17-10-2016

ORDER

Subject: Research project titled **"Asymmetric synthesis of new classes of unnatural α-amino acid derivatives"** under the guidance of **Dr. Sajal Kumar Das, Assistant Professor, Department of Chemical Sciences, Tezpur University, Tezpur- 784028 (Assam) - Release of grant.**

In continuation of DST/SERB's Sanction Order even No. dated **02-09-2015**, Sanction of the Science **& Engineering Research Board (SERB)** is here by accorded to the payment of a sum of Rs. 600000/- **(Rupees six lakh only)** under recurring as the grant for the year **2016-17** for the above mentioned project.

2. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs.** 38184/- from the **FY 2015-16 to CFY 2016-17.**

3. Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website (www.serb.gov.in).

4. It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC/s is/are enclosed.

5. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)** (Recurring). This release is being made under **Start-Up Research Grant (Young Scientists) – CHEMICAL SCIENCES.**

6. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/5144/2016-17 dated 17-10-2016.**

7. The amount of **Rs. 600000/- (Rupees six lakh only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:-

Account Name	**Regisrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch Address	**State Bank of India (Main Branch), Lake Road, Sonitpur, Tezpur**
IFSC/RTGS Code	**SBIN0000195**
PI's Email ID	**sajalkdas@gmail.com**

Contd...2/-

H. Das
For DR9

03/11/2016

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Ref: F.11.4/Proj/2014(phy)/ 928

Date: 30.05.2017

Serial No... 772
Date of Receipt 30.05.2017
File No...
Received by

From: Dr. Nidhi S. Bhattacharyya
Professor
Dept. of Physics
Tezpur University

To: The Dean
Research and Development
Tezpur University
Napaam, Tezpur
Assam-784028

Subject: Extension of project entitled "Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators".

Reference: Sanction No. 34/14/24/2014-BRNS; Dated: June4, 2014
TU R&D Registration No.: DoRD/Phy/NSB/20-205/6991)

Sir,

This is to kindly inform you that, the BRNS-DAE sponsored project entitled, "Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators" has been extended up to 31/12/2017 without any additional monetary commitment with the assurance to utilize the unspent balance from other head (travel, contingency and consumable) for JRF salary. The copy of the extension letter and mail are attached herewith.

I hereby request you to kindly do the needful at your end.

Thanking you,
Regards

(Nidhi S. Bhattacharyya)

Principal Investigator
BRNS-DAE Project
Title "Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators"
DEPARTMENT OF PHYSICS
TEZPUR UNIVERSITY
R & D Reg. No. DoRD/Phy/NSB/20-205

Enclosures: 1. Copy of extension letter

2. Copy of cover letter sent to BRNS-DAE

Dr. Das
Kept this in file and extend the date in the top of file.
30.5.2017

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JR

सत्यमेव जयते

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri D. K. Dalal
Programme Officer (ATC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085
Phone: 25594683 FAX: 022-25505151
e-mail: dkdalal@barc.gov.in

No. 34/14/24/2014-BRNS/34115

Date:08/05/2017

OFFICE MEMORANDUM

Sub: R/P entitled "Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators" under Dr. Nidhi S. Bhattacharyya, Head, Department of Physics, Tezpur University, Napaam, Tezpur 784 028 (Assam) bearing sanction **No.34/14/24/2014-BRNS** with **ATC**, BRNS.

In continuation of this Department's Office Memorandum no. 34412 dated 10/01/2017, on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India for the extension of captioned project **up to 31/12/2017** without any additional grant.

The grant remaining unspent under various heads is allowed to be carried forward to the extension period.

2. The captioned project will stand terminated on 31/12/2017.

3. The other Terms and Conditions of the sanction letter no. 34412 dated 10/01/2017 will remain unchanged.

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Dalal Sd/-
(D. K. Dalal)

Pay & Accounts Officer,
Department of Atomic Energy,
Anushakti Bhavan,
CSM Marg, Mumbai - 400 001.

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Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Shri D. K. Dalal
Programme Officer (ATC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085
Phone: 25594683 FAX: 022-25505151
e-mail: dkdalal@barc.gov.in

No. 34/14/24/2014-BRNS/ 504

Date: 04/06/2014

OFFICE MEMORANDUM

Sub: R/P entitled "Studies of ferromagnetic resonance in spinel ferrite & garnets for high power circulators" under Dr. Nidhi S. Bhattacharyya, Head, Department of Physics, Tezpur University, Napaam, Tezpur 784 028 (Assam) bearing sanction **No.34/14/24/2014-BRNS** with **ATC**, BRNS.

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for three years beginning from financial year **2014-15** with a total grant of **₹32,37,750/- (Rupees thirty two lakh thirty seven thousand seven hundred fifty only)** for the project as under:

	Item of expenditure	I Year (2014-2015)	II Year (2015-2016)	III Year (2016-2017)
*	Equipment	18,00,000	----	---
#	Staff JRF (1)	1,92,000	1,92,000	2,16,000
	Consumables	40,000	75,000	50,000
	Travel (PI)	40,000	50,000	30,000
	Contingency	50,000	50,000	50,000
$	Overheads	1,55,400	23,775	22,200
	Total:	22,77,400	3,90,775	3,68,200

* (i) Microwave stabilized source and frequency counter and Accessories.

\# JRF salary @16000/- in 1st and 2nd year and on redesignation by Committee in 3rd year as SRF @18000/-.

$ Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (**₹2,01,375/-**) shall be released only on meeting the requirements specified **(See Annex-B)**.

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2. I am also pleased to convey the sanction of the President of India to incur an expenditure of **₹22,77,400/- (Rupees twenty two lakh seventy seven thousand four hundred only)** towards grant for the year **2014-15**.

3. The expenditure involved is debitable to:

Grant No.	-	04	Atomic Energy
Major Head	-	3401	Atomic Energy Research
Minor Head	-	00 004	Research & Development
Sub Head	-	08 02	Board of Research in Nuclear Sciences (BRNS)
Detailed Head	-	08 02 31	Grant-in-aid

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA, DAE.

Sd/-
(D. K. Dalal)

Pay & Accounts Officer,
Department of Atomic Energy,
Anushakti Bhavan,
CSM Marg, Mumbai - 400 001.

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Office of the Registrar
Receipt No. 2116
Date 21.7.14

REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 01(2789)/14/EMR-II

From : Head, Human Resources Development Group

Dated : 25-06-2014

To

DR NAYANMONI GOGOI
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

① Dean R&D
② P.O.
} fr ept.

Serial No... 3005
Date of Receipt 28/7/14
File No...

Subject : Grants-in-aid for your scheme entitled :DEVELOPMENT OF EXCHANGE BIASED {3d-4f/5d} ASSEMBLIES: A RATIONAL ROUTE TOWARDS HIGH Tb NANOMAGNETS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA / SRF / JRF		
III	Contingency (per annum in ₹)	1st Year : 1,50,000	2nd Year : 1,50,000	3rd Year :1,50,000
IV	Equipment (lumpsum in ₹)	0		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/10/2014 to 31/03/2015

No	Grants	Amount (in ₹)
I	Staff	1,32,000
II	Contingency	75,000
III	Equipment	0
	Total :	**2,07,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

26/6/14

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/Principal/Director Tezpur Univ. Napaam, Assam - 784028. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

23/7/2014

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Consolidated Statement of Accounts

(From 01/10/2014 till 30/09/ 2017)

Scheme Number : **01(2789)/14/EMR-II**

Title of the Research Scheme : **Development of Exchange Biased {3d-4d/5d} Assemblies: A Rational Route Towards High T_b Nanomagnets.**

Name of the Principal Investigator : Dr. NAYANMONI GOGOI, Assistant Professor, Department of Chemical Sciences, Tezpur University, Napaam-784028, Assam

Date of Commencement : 01/10/2014 Date of Termination: 30/09/2017

Receipts (Particulars of grants received)								Payments (Particulars of grants spent)						
Period (ending 31 March)	Transaction ID., date & Amount	Stipend	Contingency	Overhead	Equipment Grant	Bank Interest	Total	Stipend	Contingency	Overhead	Equipment Grant	HRA + MA	Total	Balance
01/10/14 – 31/3/15	P14 092346 635679 Dated 23/08/14 For ₹ 2,07,000	1,32,000	75,000	NIL	NIL	NIL	2,07,000	33,871	74,996	NIL	NIL	NIL	1,08,867	98,133
01/04/15 - 31/03/16	P1509016079 5711 Dated 01/08/15 For ₹ 2,25,314	69,871	1,50,000	5,443	NIL	NIL	2,25,314	1,68,000	1,49,825	5,360	NIL	NIL	3,23,185	262
01/04/16 - 31/03/17	P1608181191 6438 Dated 09/08/16 for ₹ 3,33,897	1,68,000	1,49,821	16,076	NIL	1,428	3,35,325	1,19,000	1,54,770	10,048	NIL	NIL	2,83,818	51,769
01/04/17 - 30/09/17	P1711083843 5364 Dated 08/11/17 for ₹ 35,863	NIL	26,000	9,863	NIL	NIL	35,863	NIL	78,061	9,571	NIL	NIL	87,632	NIL
Total		3,69,871	4,00,821	31,382	NIL	1428	8,03,502	3,20,871	4,57,652	24,979	NIL	NIL	8,03,502	NIL

Signature of Registrar with Stamp

Registrar
Tezpur University

27/2/18

Signature of Finance Officer with Stamp

Finance Officer
Tezpur University

12/02/2018

Signature of PI with Stamp

Department of Chemical Sciences
Tezpur University
Tezpur - 784028

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NO SB/EMEQ-009/2014

SCIENCE & ENGINEERING RESEARCH BOARD
(SERB)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-5, Pocket-5
Vasant Kunj, New Delhi-110070

Dated 03-07-2014

ORDER

Subject: Financial Sanction of the research project titled *"Cloning, expression and structural characterization of anti-thrombin from cattle tick salivary gland: designing of novel anti-thrombin peptide."* under the guidance of **Dr. Robin Doley, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur-784028.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs.41,06,000/-(Rupees Forty one lakh six thousand only)** with break-up of **Rs.13,00,000/-** under **Non-Recurring head** and **Rs.28,06,000/- under Recurring head** for a duration of **4 years**. The items of expenditure for which the total allocation of **Rs.41,06,000/-** has been approved for a period of **4 years**, are given below:

Sl. No	Head	Total (in Rs.)
A	**Non-recurring Items**	
	Equipment UHPLC with accessories.	13,00,000/-
A'	**Total (Non-Recurring)**	**13,00,000/-**
B	**Recurring Items**	
1.	Recurring –A [Manpower -One; Consumables; National Travels; Contingencies]	23,06,000/-
2.	Recurring –B Overhead Charges	5,00,000/-
B'	Total (Recurring)	**28,06,000/-**
C	**Total cost of the project (A' + B')**	**41,06,000/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs.13,00,000/-(Rupees thirteen lakh only) under "Non-Recurring"** and **Rs.7,00,000/-(Rupees seven lakh only) under "Recurring"** being the grant for the year 2014-15, for implementation of the above said research project.

3. The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-ST)"**. This release is made under *"Empowerment and Equity Opportunities for Excellence in Science" program.*

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No. **SERB/F/2406 /2014-15 dated 03.07.2014.**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in**.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

Cont.2/-

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8. The total release amount of **Rs.20,00,000/- (Rupees.Twenty lakh only)** will be drawn by the **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Tezpur University R&D**
Account Number	**32988673022**
Bank Name & Branch	**State Bank Of India, Main Branch, Tezpur**
IFSC/RTGS Code	**SBIN0000195**

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization Certificate and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

13. The sanctioned equipment & consumables would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(AMITAVA ROY)
SCIENTIST-F

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr.Robin Doley**
Department of Molecular Biology and Biotechnology
Tezpur University
Tezpur- 784028
Email Id: doley@tezu.ernet.in

5. **The Registrar**
Tezpur University
Tezpur- 784028

(AMITAVA ROY)
SCIENTIST-F

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DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY
TEZPUR UNIVERSITY
NAPAAM, TEZPUR-784028, ASSAM INDIA

Robin Doley, PhD
Associate Professor

TEL: +91-3712-27 5412
FAX: +91-3712-267005/6
EMAIL: doley@tezu.ernet.in
doleyr@gmail.com

DST No. SB/EMEQ-009/2014 dt. 03/07/2014

DoRD/MBBT/RD/20-209

Ref. No. TU/MBBT/RD/DST-ST(SERB)/2014/ 428

Date: 18/1/2019

To
The Dean
Research and Development
Tezpur University

Serial No... 4583 ....
Date of Receipt... 18/01/19...
File No... Dean, R&D ....
Received by .. ..

Subject: Submission Project Completion Report

Sir,

With reference to the above I would like to inform you that a project entitled "Cloning, expression and structural characterization of anti-thrombin from cattle tick salivary gland: designing of novel anti-thrombin peptide" has been sanction by DST to me vide letter No SB/EMEQ-2009/2014 dated 03/07/2014. The project was sanctioned for four (04) years ending July 2018. Copies of the UC and SE for all the financial years and project completion report as well as reprint of the papers published from the project has been enclosed.

May I request you to kindly do the needful to process the same.

Thanking you

18/1/2019

(Robin Doley)
PI
Dept. of MBBT, TU

Proj. closed.
04/12/2019

SO/LDC
02/12/2019

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1. Title of the project: Cloning, Expression and Structural Characterization of Anti-Thrombin from Cattle Tick Salivary Gland: Designing of Novel Anti-Thrombin Peptide.

2. Principal Investigator(s) and Co-Investigator(s): Dr. Robin Doley

3. Implementing Institution(s) and other collaborating Institution(s): Department of Molecular Biology and Biotechnology, Tezpur University

4. Date of commencement: 03/07/2014

5. Planned date of completion: 31 July 2018

6. Actual date of completion: 31 July 2018

7. Objectives as stated in the project proposal:
   - *Isolation of anti-thrombin from salivary gland extract (SGE).*
   - *Identification and isolation of cDNA encoding anti-thrombin from tick salivary gland.*
   - *Cloning and expression of recombinant anti-thrombin gene.*
   - *Biochemical and biological characterization of the recombinant protein*
   - *Three dimensional structure determination of the recombinant anti-thrombin protein using high resolution multidimensional NMR spectroscopy.*
   - *Mutagenesis study to establish the critical amino acid residues responsible for protein-protein interaction.*
   - *Design of novel anti-thrombin peptide.*

8. Deviation made from original objectives if any, while implementing the project and reasons thereof:

   - *Three dimensional structure of the recombinant protein was predicted by in-sillico method.*
   - *Interaction of thrombin and peptide was evaluated by docking studies*

9. Experimental work giving full details of experimental set up, methods adopted, data collected supported by necessary table, charts, diagrams & photographs: **Annexure I**

10. Detailed analysis of results indicating contributions made towards increasing the state of knowledge in the subject: **Annexure I**

11. Conclusions summarizing the achievements and indication of scope for future work: **Annexure I**

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सत्यमेव जयते
Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor, CC,
BARC, Trombay, Mumbai-400085,
Phone: 25593946 FAX: 022-25505151,
E-mail: deroy@barc.gov.in

No. 36(4)/14/13/2014-BRNS/ 10083

Date: 12 APR 2017

Office Memorandum

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in six districts of Assam (Sonitpur, Lakhimpur, Morigaon, Nagaon, Jorhat, Sivasagar)" under Prof. Kali Prasad Sarma, Tezpur University, Napaam, Tezpur 784 028, Assam

---

In continuation of this Department's sanction letter of even number dated 19.09.2016 and on the recommendations of Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval of the President of India for the extension of the captioned project upto 31.12.2017 and sanction to incur an expenditure of ₹2,25,000/- (Rupees two lakh twenty five thousand only) as detailed below:-

Item of expenditure	(2017-2018)
Staff JRF (1) @ Rs.25,000/- p.m.	₹2,25,000

Accordingly, the project will stand terminated on 31.12.2017.

2. The grant remaining unspent under the respective Heads for the year **2016-17** is allowed to be carried forward to the current financial year **2017-18**.
3. The expenditure involved is debitable to the following Head of Account: 3401 00 004 27 02 31.
4. The other terms and conditions of the sanction letter dated 19.09.2016 will remain unchanged.
5. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Sd/-
(Dr. Debanik Roy)

Pay & Accounts Officer,
DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.

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Office of the Registr
Receipt No. 2556
Date.....
Received by.....14/8/14

Government of India
Department of Atomic Ene
BRNS Secretariat

Dean (R&D)

Central Complex, 1st floor
BARC, Mumbai 400 085

No. 36(4)/14/13/2014-BRNS/ 1123-5

Date: 17 JUL 2014

Office Memorandum

Sub: R/P entitled "Spatial distribution of uranium and associated water quality parameters in six districts of Assam (Sonitpur, Lakhimpur, Morigaon, Nagaon, Jorhat, Sivasagar)" under Prof. Kali Prasad Sarma, Tezpur University, Tezpur, Assam

---

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am directed to convey the administrative approval and sanction of the President of India for the captioned project for two years beginning from financial year 2014-15 with a total grant of Rs.24,96,900/- (Rupees twenty four lakh ninety six thousand nine hundred only) as detailed below:

	Item of expenditure	I year (2014-15)	II year (2015-16)
*	Equipment	Rs.10,70,000	Rs. --
#	Staff : JRF(1)	Rs. 1,92,000	Rs.1,92,000
$	Technical Assistance	Rs. 96,000	Rs. 96,000
	Consumable	Rs. 1,00,000	Rs. 80,000
	Travel : PI	Rs. 40,000	Rs. 40,000
	Field sampling	Rs. 1,00,000	Rs.1,00,000
	Contingency	Rs. 50,000	Rs. 25,000
&	Overhead	Rs. 1,19,850	Rs. 38,100
	Total	**Rs.17,67,850**	**Rs.5,71,100**

* (1) GPS, (2) Water quality parameter kit, (3) Radiation survey meter, (4) Laser / LED fluorimeter etc.

\# JRF fellowship calculated @ Rs.16,000/- per month for two years.

$ Technical Assistance includes equipment hire charges, computer charges and charges for hiring services.

& Overhead calculated @ 7.5% of other heads **except** contingency. The remaining 7.5% towards overhead (Rs.1,57,950) shall be released only on meeting the requirements specified (**see Annex-B**).

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2. I am also directed to convey the sanction of the President of India to incur a expenditure of Rs.17,67,850/- (Rupees seventeen lakh sixty seven thousand eight hundred fifty only) towards grant for the financial year 2014-15.

3. The expenditure involved is debitable to :

Grant No.	:	04	- Atomic Energy
Major Head	:	3401	- Atomic Energy Research
Minor Head	:	00 004	- Research & Development
Sub head	:	08 02	- BRNS
Detailed Head	:	08 02 31	- Grant-in-Aid

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Sd
(Dr. Debanik Roy)
Programme Officer, BRNS

Pay and Accounts Officer
Department of Atomic Energy
CSM Marg
Mumbai 400 001

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Administrative
(Application No: MED/2013/199)

File No. BT/536/NE/TBP/2013
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 7 / 8 / 2014

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Comparative metagenome of human gut of North and North-eastern region of India"** by Dr. Raj Kumar Duary, Tezpur University, Napaam, Sonitpur, Assam and Dr. Sunita Grover, NDRI, Karnal, Haryana at a total cost of **₹ 64.15 lakhs (Rupees Sixty Four lakhs and Fifteen thousand only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Comparative metagenome of human gut of North and North-eastern region of India.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)	Dr. Raj Kumar Duary Assistant Professor Dept. of Food Engineering & Technology Tezpur University, Napaam, Sonipat- 784028, Assam
2.2.2 Co- Investigator I: (Parent Institute)	Dr. Sougata Saha Assistant Professor Dept. of Melecular Biology & Biotechnology Tezpur University, Napaam, Sonipat- 784028, Assam
2.2.3 Principal Investigator: (Collaboration Institute)	Dr. Sunita Grover Principal Scientist Dept. of Molecular Biology Unit, Dairy Microbiology National Dairy Research Institute, Karnal, Haryana- 132001

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2.2.4 Co- Investigator I: (Collaboration Institute)

Dr. Virender Kumar Batish
Emeritus Scientist & Former Head
Dept. of Molecular Biology Unit, Dairy Microbiology
National Dairy Research Institute,
Karnal, Haryana- 132001

2.2.5 Co- Investigator II: (Collaboration Institute)

Ms. Rashmi H. M.
Scientist
Dept. of Molecular Biology Unit, Dairy Microbiology
National Dairy Research Institute,
Karnal, Haryana- 132001.

2.3 Objectives:

1. Generation of comprehensive catalogue of the gut microbes in healthy human gut from North Indian and North-East Indian population using high-throughput 16S rRNA sequencing of metagenome isolated from fecal samples.
2. Comparison and statistical analysis of 16S rDNA high-throughput sequencing data in related with the food habit and life style in these two populations by 16S metagenomic sequencing analyses.
3. Analysis of SCFAs (Short chain fatty acids) in the fecal samples of both population and study their correlation with the identified microbiome by 16S rDNA high-throughput sequencing data and physiological condition.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam, Sonitpur, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Bead Beater	3.00
2.	Ultra low temperature freezer (-80°C)	5.00
3.	pH meter	0.50
4.	Adjustable volume pipettes (set of 4 pipettes)	0.50
	Total	**9.00**

2.5.2 NDRI, Karnal, Haryana

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Bead Beater	3.00
	Total	**3.00**

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2.6 Manpower:

Fellowship Conditions:

JRF emoluments shall be ₹ 16,000/- + HRA for the 1st two years and ₹ 18,000/- + HRA for the 3rd year for SRF and applicable, only if JRF/SRF is NET/GATE/BET/BINC qualified, otherwise it shall be ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF. If JRF is NET qualified for lectureship he will be en titled ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF.

2.6.1 Tezpur University, Napaam, Sonitpur, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 16,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 18,000/- + 10 % HRA for 3rd yr	2.11	2.11	2.38	6.60
		Total	**2.11**	**2.11**	**2.38**	6.60

2.6.2 NDRI, Karnal, Haryana

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 16,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 18,000/- + 10 % HRA for 3rd yr	2.11	2.11	2.38	6.60
		Total	**2.11**	**2.11**	**2.38**	6.60

2.7 Budget Estimate:

The total cost of the project is **₹ 64.15 lakhs (Rupees Sixty Four lakhs and Fifteen thousand only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Sonitpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	9.00	0.00	0.00	**9.00**
Sub Total- I	**9.00**	**0.00**	**0.00**	**9.00**
II. Recurring				
1. Manpower	2.11	2.11	2.38	**6.60**
2. Consumables	4.00	3.00	2.00	**9.00**
3. Out Sourcing for 16s RNA Sequencing	11.00	6.00	0.00	**17.00**
4.Travel	0.50	0.50	0.50	**1.50**
5. Contingency	0.30	0.30	0.10	**0.70**
6.Overhead charges	0.50	0.50	0.25	**1.25**
Sub Total- II (1-5)	**18.41**	**12.41**	**5.23**	**36.05**
GRAND TOTAL (I+II)	**27.41**	**12.41**	**5.23**	**45.05**

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2.3 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/1686-1689/2014-2015 Dated 31/07/2014.**

2.10.1 This sanction order has been noted at **Serial No.**100, 101..... in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam, Sonipat- 784028, Assam.
6. The Director, National Dairy Research Institute, Karnal, Haryana- 132001.
7. The Vice-Chancellor, Tezpur University, Napaam, Sonipat- 784028, Assam.
8. Dr. Raj Kumar Duary, Assistant Professor, Dept. of Food Engineering & Technology, Tezpur University, Napaam, Sonipat- 784028, Assam.

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Application No.: MED/2013/199

BT/536/NE/TBP/2013
Government of India
Ministry of Science & Technology
Department of Biotechnology
******

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated 17/07/2017

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled **"Comparative metagenome of human gut of North and North-eastern region of India"** by Dr. Raj Kumar Duary, Tezpur University, Napaam Sonitpur, Assam and Dr. Sunita Grover, NDRI, Karnal, Haryana for the period of Eight Months within already sanctioned budget i.e. up to March 31, 2018. At the end of this period, please submit the following documents:

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipment's (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/536/NE/TBP/2013 dated 07/08/2014.**

(Dr. T. Madhan Mohan)
Adviser

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Administrative
(Application No: MAP/2012/231)

File No. BT/338/NE/TBP/2012
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 14/8/2014

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Molecular Epidemiology of Group A rotavirus (RVA) Infections in the North-eastern region (NER)"** by Dr.Nima Dondu Namsa, Tezpur University, Napam,Tezpur, Assam and Dr. Chongtham Shyamsunder Singh, Regional Institute of Medical Sciences, Imphal, Manipur and Dr. Sutopa Das, College of Veterinary Sciences, AAU, Khanapara, Guwahati and Prof. C. Durga Rao, Indian Institute of Science, Bangalore at a total cost of **₹ 158.01 lakhs (Rupees One Crore Fifty Eight lakhs One Thousand only)** for a period of three years, on the terms and conditions detailed as under:

2.0 **The Project:**

2.1 **Project Title: Molecular Epidemiology of Group A rotavirus (RVA) Infections in the North-eastern region (NER).**

2.2 **Project Investigators**

2.2.1 **Principal Investigator: (Parent Institute)**	Dr.Nima Dondu Namsa Assistant Professor Dept. of Molecular Biology & Biotechnology Tezpur University, Napaam, Tezpur- 784028, Assam
2.2.2 **Co- Investigator I: (Parent Institute)**	Prof. Alak Kumar Buragohain Professor Dept. of Molecular Biology & Biotechnology Tezpur University, Napaam, Tezpur- 784028, Assam
2.2.3 **Principal Investigator I: (Collaboration Institute)**	Dr. Chongtham Shyamsunder Singh Associate Professor Dept. of Pediatrics Regional Institute of medical Science(RIMS), Imphal- 795004, Manipur

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2.2.4 Principal Investigator II: (Collaboration Institute)

Dr. Sutopa Das
Associate Professor
Dept. of Veterinary Microbiology
College of Veterinary Science,
AAU, Khanapara, Guwahati- 781022, Assam

2.2.5 Principal Investigator III: (Collaboration Institute)

Prof. C. Durga Rao
Professor
Dept. of Microbiology & Cell Biology(MCB)
Indian Institute of Science(IIsc)
Bangalore- 560012

2.2.6 Co- Investigator: (Collaboration Institute)

Dr. Pratima Ray
Senior Research Scientist
Dept. of Pediatrics
All India Institute of Medical Sciences,
New Delhi- 110029

2.3 Objectives:

1. Characterization of group A rotavirus (RV) strains associated with acute diarrhea in children's in north-eastern region (NER).
2. To characterize group A animal rotavirus strains infecting cattle's in the community for understanding origin and evolution patterns of human RV strains circulating in NER (Imphal).

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napam,Tezpur, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Deep freezer (-80 °C)	6.00
2.	Thermal gradient PCR	4.50
3.	Biosafety cabinet -II	2.00
4.	Orbital shaking incubator	4.00
5.	ELISA reader with 20 KV UPS and computer	6.00
6.	Digital water bath	0.80
7.	Table top refrigerated centrifuge	3.50
8.	Deep freezer (-20 °C)	1.20
	Total	**28.00**

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2.5.2 Regional Institute of Medical Sciences, Imphal, Manipur

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Deep Freezer (-80°C)	6.00
2.	Deep Freezer (-20°C)	1.20
	Total	**7.20**

2.5.3 College of Veterinary Sciences, AAU, Khanapara,Guwahati

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Deep Freezer (-20°C)	1.20
2.	Agarose gel electrophoresis apparatus	1.80
	Total	**3.00**

2.5.4 Indian Institute of Science, Bangalore

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Digital water bath	1.00
2.	Inverted Microscope	6.00
3.	Deep Freezer (-80°C)	6.00
	Total	**13.00**

2.6 Manpower:

Fellowship Conditions:

JRF emoluments shall be ₹ 16,000/- + HRA for the 1st two years and ₹ 18,000/- + HRA for the 3rd year for SRF and applicable, only if JRF/SRF is NET/GATE/BET/BINC qualified, otherwise it shall be ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF. If JRF is NET qualified for lectureship he will be entitled ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF

2.6.1 Tezpur University, Napam,Tezpur, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ Rs.16,000/- + 10 % HRA for the 1st & 2nd yr SRF @ Rs. 18,000/- + 10 % HRA for 3rd yr	2.11	2.11	2.38	**6.60**
2.	Project Assistant (1)	@ Rs.8,000/-	0.96	0.96	0.96	**2.88**
		Total	**3.07**	**3.07**	**3.34**	**9.48**

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2.7.1 Tezpur University, Napam,Tezpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	28.00	0.00	0.00	**28.00**
Sub Total- I	**28.00**	**0.00**	**0.00**	**28.00**
II. Recurring				
1. Manpower	3.07	3.07	3.34	**9.48**
2. Consumables	10.00	10.00	8.00	**28.00**
3.Travel	1.00	0.80	0.80	**2.60**
4. Contingency	0.70	0.70	0.70	**2.10**
5.Overhead charges	1.00	1.00	1.00	**3.00**
6.Wokshop & Training	0.00	2.00	0.00	**2.00**
Sub Total- II (1-5)	**15.77**	**17.57**	**13.84**	**47.18**
GRAND TOTAL (I+II)	**43.77**	**17.57**	**13.84**	**75.18**

2.7.2 Regional Institute of Medical Sciences, Imphal, Manipur

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	7.20	0.00	0.00	**7.20**
Sub Total- I	**7.20**	**0.00**	**0.00**	**7.20**
II. Recurring				
1. Manpower	3.07	3.07	3.34	**9.48**
2. Consumables	1.00	1.00	1.00	**3.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.20	0.20	0.20	**0.60**
5.Overhead charges	0.40	0.40	0.40	**1.20**
Sub Total- II (1-5)	**5.17**	**5.17**	**5.44**	**15.78**
GRAND TOTAL (I+II)	**12.37**	**5.17**	**5.44**	**22.98**

2.7.3 College of Veterinary Sciences, AAU, Khanapara,Guwahati

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
III. Non-Recurring (Equipment's and accessories)	3.00	0.00	0.00	**3.00**
Sub Total- I	**3.00**	**0.00**	**0.00**	**3.00**
IV. Recurring				
1. Manpower	2.30	2.30	2.60	**7.20**
2. Consumables	2.00	1.00	1.00	**4.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.20	0.20	0.20	**0.60**
5.Overhead charges	0.35	0.35	0.35	**1.05**
Sub Total- II (1-5)	**5.35**	**4.35**	**4.65**	**14.35**
GRAND TOTAL (I+II)	**8.35**	**4.35**	**4.65**	**17.35**

VP

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2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/1686-1689/2014-2015 Dated 31/07/2014.**

2.10.1 This sanction order has been noted at **Serial No.**160-163 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
Cash Section, DBT (For information only).
Sanction Folder.
IFD, DBT.
The Registrar, Tezpur University, Napaam, Tezpur- 784028, Assam.
The Vice-Chancellor, Tezpur University, Napaam, Tezpur- 784028, Assam.
The Registrar, Indian Institute of Science (IIsc), Bangalore- 560012.
The Director, Regional Institute of medical Science (RIMS), Imphal- 795004, Manipur.
The Comptroller, Assam Agricultural University, Jorhat- 785013, Assam.
The Vice-Chancellor, Assam Agricultural University, Jorhat- 785013, Assam.
The Director, All India Institute of Medical Sciences, New Delhi- 110029.

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Serial No... 1404 ....
Date of Receipt 13/09/17 ....
File No... ....
Received by ....

Application No. MAP/2012/231

BT/338/NE/TBP/2012
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003.
Dated 11/08/2017

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled **"Molecular Epidemiology of Group A rotavirus (RVA) Infections in the North-Eastern region (NER)"** by Dr. Nima Dondu Namsa, Tezpur university, Napaam, Assam and Dr. Chongtham Shyamsunder Singh, Regional Institute of Medical Sciences (RIMS), Imphal, Manipur and Dr. Sutopa Das, College of Veterinary Science, AAU, Khanapara, Guwahati, Assam and Prof. C. Durga Rao, Indian Institute of Science, Bangalore for the period of Six Months within already sanctioned budget i.e upto February 13, 2018. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/338/NE/TBP/2012 dated 14.08.2014.**

(Dr. T. Madhan Mohan)
Advisor, DBT

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi- 110003

Copy forwarded for information/necessary action to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (2 Copies).
3. Sanction Folder.
4. IFD, DBT
2. The Registrar, Tezpur University, Napaam, Tezpur- 784028, Assam.

Sem, RSD

for information please.

12/09/17
(N.D. Namsa)

AR
For file.

13.9.2017

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Ref: IUAC/XIII.7/UFR-56322

Office of the Registrar
Receipt No. 3042
Date
Received by 10/9/14

August 22, 2014

Dr. Dambarudhar Mohanta
Associate Professor
Department of Physics, Tezpur University
PO:Napaam, Assam-784028

Sub: Financial sanction for the financial year 2014-2015
Ref: Project Code No. UFR- 56322 sanctioned in favour of Dr. Dambarudhar Mohanta, Tezpur University, Assam.

Dear Sir,

We are pleased to inform you that your project entitled ***"Effect of ion irradiation on nanostructured transition metal dichalcogenide systems"*** under the UFUP scheme of this Centre has been sanctioned with the following financial approval for a period of three years.

Year	Fellowship	Contingency/Consumbles	Equipment
First	JRF	25,000/-	Nil
Second	JRF	25,000/-	Nil
Third	JRF	25,000/-	Nil

Your project code no. UFR- 56322 and the same should be quoted in all future correspondences.

The contingency will be inclusive of all consumables. The grant for the first year contingency will be released now. Fellowship grant will be released only after a Project Fellow/JRF is appointed by the University/Institution and the related documents along with the joining report is sent to this office.

Normal UGC guidelines will apply in all circumstances. Travel money would not be released for you but as per AUC decision, you may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. IUAC will pay your TA (by train) and the local hospitality as per rule.

Annual progress report and provisional utilization certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion of each financial year for enabling us to release the funds for the next financial year. As soon as annual accounts of the university are audited, the final audited utilization certificate should be sent to IUAC and the draft for the unspent grant should be sent in favour of IUAC, Delhi.

Thanking you,

Yours sincerely,

(Dr. S.CHOPRA)
Convenor – AUC

Dean, R&D
Forwarded
10/9/14

CC:
The Registrar
Tezpur University
PO:Napaam,
Assam-784028

Pl. file -
10/9/14.

पोस्ट बाक्सः 10502 अरूणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26893955
011-26892601
तार :/Telegram : NURCEN
फैक्स :/Fax : 011-26893666
वेबसाईट :/Website : www.iuac.res.in

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

216

Ref: IUAC/XIII.7/UFR- 56322/

Office of the Registrar
Receipt No. 5364
Date 20.01.15
Received by

December 23, 2014

The Registrar
Tezpur University
PO:Napaam,
Assam-784028

Sub: Financial sanction for the financial year 2014-15
Ref: Project Code No. UFR- 56322 sanctioned in favour of Dr. Dambarudhar Mohanta, Tezpur University. Assam.

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2014-2015

Project Code : UFR - 56322			
Year	Fellowship	Contingency/Consumbles	Total
First	Rs.84,467/- @ Rs.14,000/- P. M. For 30.09.14 to 31.03.15	-	Rs. 84,467/-

The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of Director IUAC after completion of the project.

Thanking you,

Yours sincerely,

(Dr. S. CHOPRA)
Convenor - AUC

cc to:

Dr. Dambarudhar Mohanta
Associate Professor
Department of Physics, Tezpur University
PO:Napaam, Assam-784028

Pl. file.
23/1/2015

दूरभाष : / Telephone : 11-26893955

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4. BUDGET PROJECTION

	Year I	Year II	Year III	Total
Research Fellow(@ 14,000 p m)	1,68,000	1,68,000	1,68,000	5,04,000
Contingency/ Consumables	50,000	50,000	50,000	1,50,000
Total	1,93,000	1,93,000	1,93,000	**6,54,000**

Note: For travel AUC allots a certain amount every year and TA/DA is paid by IUAC.

5. Details of financial requirements: (Description of contingency/consumables etc along with itemized cost to be given on separate sheet with appropriate justification).

-Please see *Annexure-A*

6. BRIEF BIO-DATA OF P.I. (Please attach as per the format given in the Annexure)-

-Please see *Annexure-B*

7. Organization / authority responsible for the disbursement of the funds.

Registrar, Tezpur University, PO: Napaam, Tezpur, Assam-784 028

8. Forwarding Authority of the University:-

Note: REGARDING UTILIZATION CERTIFICATE ETC. UGC GUIDELINES ARE FOLLOWED

Dr. Biren Das — Name

Registrar — Designation

Signature with date (Stamped)

Registrar
Tezpur University
Napaam, Tezpur

9. TOTAL NUMBER OF SHIFTS REQUIRED FOR COMPLETION OF THE EXPERIMENT (1 SHIFT = 8 HRS.): (Justify the requirement in the annexures)

Note: Shift allotment will be done only for the first run if the proposal is accepted. For sanctioning of subsequent runs, form BTR-4 is to be submitted to AUC following the first run. Subsequent run sanction is subject to AUC review.

No. of runs proposed	03	No. of shifts proposed in each run	04 (I Run)	02 (II Run)	--- (III Run)

10. BEAM REQUIREMENTS (Only for the first run : Normally one type of ion in one run, but for more than one ion species, requirement is to be given in order, changes are not possible later)

Ion species (with Mass no.)	Energy (MeV)		Current (pnA)		DC/Pulsed	Charge state (if relevant)
	Min.	Max.	Min.	Max.		
Chlorine 35	100	150	2	5	DC	NA

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

20-216

Ref: IUAC/XIII.7/UFR- 56322/

July 21, 2015

The Registrar
Tezpur University
PO:Napaam,
Assam-784028

Office of the Registrar
Receipt No. 3170
Date 15/9/15
Received by

Sub: Financial sanction for the financial year 2015-16
Ref: Project Code No. UFR- 56322 sanctioned in favour of Dr. Dambarudhar Mohanta, Tezpur University, Assam.

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2015-2016

Project Code : UFR - 56322			
Year	Fellowship	Contingency/Consumbles	Total
Second	Rs.1,68,000/- @ Rs.14000/- P.M. For 01.04.15 to 31.03.16	Rs. 25000/-	Rs.1,93,000/-

The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of Inter University Accelerator Centre after completion of the project.

Thanking you,

Yours sincerely,

(Dr. S. CHOPRA)
Convenor - AUC

cc to:

Dr. Dambarudhar Mohanta
Associate Professor
Department of Physics, Tezpur University
PO:Napaam, Assam-784028

17/9/2015

पोस्ट बाक्स: 10502 अरूणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067

दूरभाष :/Telephone : 011-26893955
011-26892601
NURCEN
तार :/Telegram :
फैक्स :/Fax : 011-26893666
वेबसाईट :/Website : www.iuac.res.in

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3014

9/9/14

G. B. Pant Institute of Himalayan Environment and [redacted] **nent (GBPIHED)**
(An Autonomous Institute of Ministry of Environment and Forest [redacted] *India)*
Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

No.: GBPI/IERP/10-11/11/109

Date: 29 August 2014.

1. Dean, R&D
2. F.O.
3. HOD, Env. Sc.

for info

9/9/14

To
The Registrar,
Tezpur University (A Central University),
Napaam – 784 028,
Sonitpur, Assam.

Subject: Financial assistance for the project entitled ***"Exploration and conservation of ecologically and economically important threatened plant species occurred in sacred groves of Assam"*** under the guidance of **Dr. (Mrs.) Ashalata Devi,** Department of Environmental Science, Tezpur University (A Central University), Sonitpur, Assam, as a Principal Investigator (PI).

Sir,

I am directed to convey the sanction of the above-mentioned project at a total cost of Rs. 9,96,600 /- (Rs. Nine lac ninety six thousand six hundred only) for a period of **three years** as per break-up given below:

Heads	First Year (in Rs.)	Second Year (in Rs.)	Third Year (in Rs.)	Total (in Rs.)
A. Salaries/Wages (i) Junior Research Fellow, JRF* (One) @ Rs. 12,000 p.m. (fixed) for Ist & IInd years as JRF and @ 14,000 p.m. (fixed) for IIIrd year as SRF	1,44,000	1,44,000	1,68,000	4,56,000
(ii) Field Assistant (One) @ Rs. 5,000 p.m. (fixed)	60,000	60,000	60,000	1,80,000
Sub-Total of A	2,04,000	2,04,000	2,28,000	6,36,000
B. Consumables (Chemicals and Glassware, etc.)	30,000	30,000	20,000	80,000
C. Travel/POL	30,000	30,000	20,000	80,000
D. Contingencies (including cost of preparation of APR/FTR/PF, etc.)	30,000	30,000	30,000	90,000
E. Non Consumable Equipments (i) Herbarium Cabinet (2)	20,000	-	-	20,000
Total (A to E)	3,14,000	2,94,000	2,98,000	9,06,000
F. Institutional/Overhead Charges**	-	-	-	90,600
Grand Total (A to F)	**3,14,000**	**2,94,000**	**2,98,000**	**9,96,600**

* The Junior Research Fellow (JRF) should be selected through open advertisement and may be encouraged to register for higher degree. Preference should also be given to NET/GATE qualified candidates while selecting the JRF.

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** Institutional/Overhead Charges (based on the actual expenditures incurred) for the complete tenure of the project will be processed/released by the Institute only on receipt of all the requisite project documents [including Final Technical Report (FTR), etc.] as well as a requisite certificate from the grantee organization/PI after the completion of the project.

2. Sanction is also accorded for the release of an amount of Rs. 3,14,000/- (Rs. Three lac fourteen thousand only) as first installment of the grant for the first year as per details given below -

Head of expenditure	**Amount (in Rs.)**
(a) Salaries/Wages	2,04,000/-
(b) Consumables	30,000/-
(c) Travel/POL	30,000/-
(d) Contingencies	30,000/-
(e) Non-Consumables	20,000/-
Total	3,14,000/-

3. Your project falls in the thematic category '***Biodiversity Conservation***' and policy problem ***'Protected areas – Management issues and solutions'*** of this Institute. It is expected that the datasets generated and outcomes of your project will strengthen the R&D activities of the Institute under the above-mentioned theme and help it in building up strong research backup for policy intervention.

4. The sanction of the grant is subject to the conditions given in Annexure - I.

5. On the basis of the terms and conditions given in Annexure - I, action is being taken up for the drawl of the sanctioned amount of the first installment of the first year's grant during the financial year 2014-2015.

6. The amount of Rs. 3,14,000/- (Rs. Three lac fourteen thousand only) will be drawn by the Drawing and Disbursing Officer, G.B. Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora, Uttarakhand, and will be disbursed through an account payee Demand Draft/Multi city cheque in favour of the Registrar, Tezpur University (A Central University), Napaam, Sonitpur, Assam.

7. The amount will be debitable to major Head "*Ecodevelopment*" under sub-head '*Extra mural grants*' for the period 2014-2015.

8. The sanction has been issued under the powers delegated to the Institute and with the concurrence of the Competent Authority.

Encl.: Annexure - I.

Yours Sincerely,

(Dr. B.P. Kothyari)
Scientist-F/Scientist-in-Charge, IERP

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Copy for information and necessary action to:

1. The Accounts Officer, GBPIHED, Kosi-Katarmal, Almora, Uttarakhand, for necessary action (2 copies).

2. **Dr. (Mrs.) Ashalata Devi,** Department of Environmental Science, Tezpur University (A Central University), Napaam – 784 028, Sonitpur, Assam. Annexure - I (IERP guidelines) is enclosed herewith for your ready reference. **Please send your acceptance for the terms and conditions of this sanction letter so that the draft/Multi city cheque of the sanctioned amount could be sent to the Registrar of your university.**

I. Following may please be ensured/noted.

- The title of the project should be amended as "***Sacred groves of Assam: Biodiversity status and strategies for their conservation***".

- As soon as the project is started as per terms and conditions of the project grant, the date of start of the project and also the date of joining of the sanctioned project staff along with a copy of the selection committee's report be communicated to the Institute at the earliest.

- The project grant sanctioned as above is final and will not be enhanced under any head of the project in view of the decision of the PEC.

- No extension of period of the project (after completion of 3 years) will be considered under any circumstances.

- The grants from the 2nd year onwards will be released by the Institute on the basis of the actual expenditures (which should not exceed the original sanction) incurred in the previous year by the Principal Investigator/grantee organization.

II. Please note that the second year's grant under the project will be processed/released by the Institute on receipt of the following documents.

(i). First year's detailed **ANNUAL PROGRESS REPORT** (5 copies; duly bound) as per outlines given in Appendix IV (attached with the Annexure – I)

(ii). **UTILIZATION CERTIFICATE** and **EXPENDITURE STATEMENT** for the first year of the project as per outlines given in Appendix II and III respectively (attached with the Annexure – I).

3. Sanction folder/G.F.

4. Office copy to the project file.

(Dr. B.P. Kothyari)
Scientist-F/Scientist-in-Charge, IERP

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Sanction 1 of 6

(1) Dean, R&D
(2) Dean, SoE
(3) HoD, CSE
(4) P.O.

F.No. 5-5/2014-TS.VII
Government of India
Ministry of Human Resource Development
Department of Higher Education
Technical Section - VII
****

Office of the Registrar
Receipt No. 3428
Date 30.09.14
Received by

Shastri Bhawan, New Delhi - 110115,
dated 4th September, 2014

To

The Pay & Accounts Officer (Edn.)
Pay & Accounts Office,
Department of Higher Education,
Shastri Bhawan, New Delhi-110115.

Subject: Release of 1st instalment of Grant to 20 Institutes (selected in 2nd round of selection) under the scheme Establishment of Centre of Excellence for Training and Research in Frontier Areas of Science and Technology (FAST) for the year 2014-15 (**General**).

Sir,

I am directed to convey the sanction of the President of India to the release of a sum of ₹ 22,27,35,000/- (₹ **Twenty two crore twenty seven lakh thirty five thousand only**) i.e. for release of ₹ **1,11,36,750/- (₹ One crore eleven lakh thirty six thousand seven hundred fifty only**) to each of the following 20 Institutes (selected in 2nd round of selection by Steering Committee) under the Plan scheme Establishment of Centre of Excellence for Training and Research in Frontier Areas of Science and Technology (FAST) for the year 2014-2015 for meeting the recurring expenditure.

Sl No.	Name of the Institutions	Centres of Excellence (CoE)	Amt ₹ in lakh	Bank Details
1	Indian Institute of Technology, Kharagpur	E-Business	1,11,36,750	A/C No. 95562010000790, Syndicate Bank, IIT Branch, Kharagpur.
2	Indian Institute of Technology, Guwahati	Advanced Molecules and Materials	1,11,36,750	A/C No. 10196461054, State Bank of India, IIT Branch, Guwahati.
3	Indian Institute of Science Education and Research, Thiruvananthapuram	Computation, Modelling & Stimulations	1,11,36,750	A/C No. 0819101094002, Canara Bank, Cantonment Branch, Trivandrum.
4	TERI University, Vasant Kunj, New Delhi	Energy Storage and Solar Desalination	1,11,36,750	A/C No. 31591010014448, Canara Bank, Vasant Kunj Branch, New Delhi.
5	Central University of Jharkhand, Ranchi (Jharkhand)	Green & Efficient Energy Technologies (GEET)	1,11,36,750	A/C No. 30827946251, State Bank of India, Upper Bazar Branch, Ranchi (Jharkhand)
6	Indian Institute of Technology, (Banaras Hindu University) Varanasi (Uttar Pradesh)	Energy and Resources Development	1,11,36,750	A/C No. 32778803937, State Bank of India, IT Branch, BHU, Varanasi (U.P.)
7	Sathyabama University, Rajiv Gandhi Salai, Chennai (Tamil Nadu)	Energy Research	1,11,36,750	A/C No. 6241996830, Indian Bank, Sathyabama University Branch, Chennai (Tamil Nadu)
8	Indian School of Mines, Dhanbad	Renewable Energy	1,11,36,750	A/C No. 098610100974 6, Canara Bank, Seraidheala Branch, Dhanbad (Jharkhand)

Under Secretary
Ministry of H. R. D.
Dte. Higher Edn.

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9	Banasthali University, Banasthali Vidyapith (Rajasthan)	Water and Energy	1,11,36,750	A/C No. 037094[illegible] Yes Bank Ltd., [illegible] Tonk (Rajasthan)
10	Indian Institute of Technology, Bombay	Urban Science and Engineering	1,11,36,750	A/C No. 10725722[illegible] Bank of India, IIT Branch, Mumbai.
11	National Aerospace Laboratories, Bangalore (Karnataka)	Development of 3 dimensional composite concurred structures using Tufting technology	1,11,36,750	A/C No. 30268539[illegible] Bank of India, NAL [illegible] Bangalore (Karnataka)
12	Tezpur University, Napam, Tezpur, Sonitpur (Assam)	Machine Learning Research and Big Data Analysis (MLRBDA)	1,11,36,750	A/C No. 30448821505, State Bank of India, Tezpur [illegible] Assam.
13	Indian Institute of Technology, Hyderabad	Sustainable Urban Development	1,11,36,750	A/C No. 34069788872, State Bank of India, IIT Branch, Hyderabad.
14	National Institute of Technology, Surathkal	Renewable Energy Integrated Smart Grid Technologies: Energy	1,11,36,750	A/C No. 85171010[illegible] Canara Bank, NITK Campus Branch, Surathkal.
15	Indian Institute of Technology, Bhubneshwar	Novel Energy Materials (NEM)	1,11,36,750	A/C No. 30824066553, State Bank of India, Fortune Towers Branch, Bhubneshwar.
16	Indian Institute of Science Education and Research, Mohali	Protein Science, Design & Engineering	1,11,36,750	A/C No. 245220100109[illegible] Canara Bank, Consumer Finance Branch, Chandigarh.
17	Indian Institute of Science Education and Research, Pune	Research in Energy and Sustainable Materials	1,11,36,750	A/C No. 31125298801, State Bank of India, NCL Campus Branch, Pune.
18	Tamil Nadu Agriculture University, Coimbatore (Tamil Nadu)	Microbes to Feed the World :Plant – Microbe Interactions to boost Agricultural Production	1,11,36,750	A/C No. 10663188052, State Bank of India, TANU Branch, Coimbatore (Tamil Nadu)
19	West Bengal University of Technology, Salt Lake, Kolkata (West Bengal)	Environment Technology and Management: Water treatment for clean and green environment	1,11,36,750	A/C No. 6243002394, Indian Bank, Salt Lake Branch, Kolkata.
20	Indian Institute of Science Education and Research, Bhopal	Centre for Research on Environment and Sustainable Technologies (CREST): Clean Environment (air, water, soil) and sustainable technologies	1,11,36,750	A/C No. 2073201002554, Canara Bank, Canara Bank Zone 2, MP Nagar, Bhopal.
Total			**22,27,35,000**	

2. The payment of ₹ **22,27,35,000/-** is subject to the following terms and conditions:

(i) The Institutes will start the project immediately after receipt of grant-in-aid from the Ministry;

(ii) While undertaking the above project, the Institutes will fully utilize their expertise in implementing the objectives of the above mentioned Scheme.

(iii) The Institutes will ensure due diligence while executing the project under the Scheme;

(iv) The Institutes will identify Physical and Financial Targets, output and outcomes for the project and submit progress report, on the project clearly indicating Physical and Financial targets achieved and outputs and outcomes;

(v) The Head of the Institutes receiving the grant and project Head will also be responsible for ensuring that the project sanctioned vide this sanction letter achieves its goal with prudence at all levels as also for achievement of physical and Financial Targets, outputs and outcomes;

(DAULAT RAM)
अवर सचिव/Under Secretary
भारत सरकार/Govt. of India
मा. सं. वि. मन्त्रालय/Min. of H. R. D.
उच्चतर शिक्षा विभाग/Dte. Higher Edn.
नई दिल्ली/New Delhi

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(vi) Intellectual Property Rights(s) if any, generated /or experiences gained/or objectives achieved, as the case may be shall vest in the Ministry of Human Resource Development, Government of India and in the entire expert community involved in its development, since this Ministry is providing project funding;

(vii) Further release of funds, if any, shall be subject to satisfactory progress in the implementation of the Project as indicated by achievement of sent Physical and Financial Targets, output and outcome, with in the approved objectives/guidelines of the project.

(viii) The Institutes shall furnish all necessary details/documents such as bank details/agency details/bond, etc. As applicable and asked for by the Government of India, Ministry of Human Resource Development, Department of Higher Education for release of grants.

3. The release of this payment is further subject to the following conditions:-

a. The amount sanctioned should be utilized for the purpose for which it is sanctioned, as per Government approval to the above mentioned Scheme, and the Institutes may ensure that the expenditure is incurred as per approval granted by the Steering Committee. The Institutes shall maintain a separate account for the purpose and bank interests earned on the grant released by this Department, vide this sanction letter, shall be treated as part and parcel of this payment/grant.

b. The Institutes shall maintain appropriate accounts of the expenditure out of the payment/grant, which may be audited by the Comptroller and Auditor General of India and Internal Audit by Principal Accounts Officer (PAO), Ministry of Human Resource Development (MHRD). The Utilization Certificate, to the effect that the payment/grant has been utilized shall be furnished to this Ministry along with audited accounts, i.e., receipt and payment account, income and expenditure account and balance sheet after close of the financial year. The institute shall furnish Utilisation Certificate immediately after the closing of the financial year 2014-15.

c. The Institutes shall maintain a Register (Form No. 19) prescribed in General Financial Rules, of assets acquired out of this grant. A copy of this shall be furnished to the Ministry of Human Resource Development, Department of Higher Education for record. The register and asset shall be open to scrutiny by Audit and PAO, MHRD.

d. The Institutes will submit a copy of the approved annual accounts, duly approved by the Executive Board, to the office of Director General of Audit, Central Revenues, I.P. Estates, New Delhi-110002 within three months from the close of the financial year (i.e. by 30th June).

4. The amount sanctioned is debitable to Demand No. 60, Department of Higher Education,- Major Head 2203-Technical Education, Minor Head 00.800-Other Expenditure , Sub Head 17-Training & Research in Frontier Areas, 17.00.31 Grant-in-aid-General for the year 2014-15.

5. The of ₹ **22,27,35,000/- (₹ Twenty two crore twenty seven lakh thirty five thousand only)** shall be drawn by the Drawing & Disbursing Officer (Grant), Ministry of Human Resource Development, Department of Higher Education, New Delhi on the prescribed proforma of Grant-in-aid Bill by presenting to Pay & Accounts Officer and paid to the Institutions and payment remitted directly to the grantee's account and telegraphically transferred to 20 Institute's as per detail at para 1 above.

(दौलत राम)
(DAULAT RAM)
अवर सचिव/Under Secretary
भारत सरकार/Govt of India
मा. सं. वि. मन्त्रालय/Min. of H. R. D.
उच्चतर शिक्षा विभाग/Dte Higher Edn.
नई दिल्ली/New Delhi

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6. The pattern of grant /expenditure has been approved by the Ministry of Finance and t sanction is being issued in conformity with rules and principles of the Scheme as approved by t Ministry of Finance.

7. Any future grant will be released to these Institutions under this Scheme only after the have satisfied the Ministry that adequate provision for representation of SC/ST has been made in its constitution/rules and these are being followed in actual practice in filling up vacancies reserved for SC/ST candidates every year.

9. The funds released under the scheme is subject to the condition that the grantee Institutes are situated under jurisdiction of the concerned Director General of Audit.

10. The Accounts shall be open to a test check by the Comptroller and Auditor General of India at his discretion as well as Internal Audit by Principal Account Office, MHRD (Department of Higher Education).

11. It is certified that utilization certificate which is due in respect of the Scheme under this project against the grantee Institute(s) is submitted by the respective grantee Institution.

12. The sanction is issued in exercise of delegated powers and accordance with the Integrated Finance Division vide Dy. No. 4100 dated 19.08.2014 and IF.I Section vide their Dy. No. 394/14 IF.I dated 26.08.2014.

Yours faithfully,

(DAULAT RAM)
अवर सचिव/Under Secretary
(Daulat Ram)

Under Secretary to the Govt. of India

Copy with two spare copies forwarded to Grant-in-Aid Section along with necessary bills.

Copy to:

1 Indian Institute of Technology, Kharagpur.
2 Indian Institute of Technology, Guwahati.
3 Indian Institute of Science Education and Research, Thiruvananthapuram.
4 TERI University, Vasant Kunj, New Delhi.
5 Central University of Jharkhand, Ranchi (Jharkhand).
6 Indian Institute of Technology, (Banaras Hindu University) Varanasi (Uttar Pradesh).
7 Sathyabama University, Rajiv Gandhi Salai, Chennai (Tamil Nadu).
8 Indian School of Mines, Dhanbad.
9 Banasthali University, Banasthali Vidyapith (Rajasthan).
10 Indian Institute of Technology, Bombay.
11 National Aerospace Laboratories, Bangalore (Karnataka).
12 Tezpur University, Napam, Tezpur, Sonitpur (Assam).

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13 Indian Institute of Technology, Hyderabad.
14 National Institute of Technology, Surathkal.
15 Indian Institute of Technology, Bhubaneswar.
16 Indian Institute of Science Education and Research, Mohali.
17 Indian Institute of Science Education and Research, Pune.
18 Tamil Nadu Agriculture University, Coimbatore (Tamil Nadu).
19 West Bengal University of Technology, Salt Lake, Kolkata (West Bengal).
20 Indian Institute of Science Education and Research, Bhopal.
21 The Director General of Audit, Central Revenues, I.P. Estate, New Delhi.
22 Internal Audit, Principal Accounts Office, MHRD, Shastri Bhawan, New Delhi.
23 IF-1 24. E.C. Unit 25. IFD 26. Guard file

(Daulat Ram)
Under Secretary to the Government of India
(DAULAT RAM)
अवर सचिव/Under Secretary
भारत सरकार/Govt. of India
मा. सं. वि. मंत्रालय/Min. of H. R. D.
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F. No. 22-3/2016-TS.II/TC
Government of India
Ministry of Human Resource Development
Department of Higher Education
TC Section
****

Shastri Bhawan, New Delhi
Dated: 25.01.2018

To

Dr. Dhruba K Bhattacharyya,
CoE Coordinator,
Tezpur University,
Napaam, Tezpur, District Sonitpur, Assam.

Sub: Continuation of Centre of Excellences (CoEs) under the scheme of Frontier Areas of Science and Technology (FAST) - reg.

Sir/ Madam,

Your kind attention is drawn to Centre of Excellence under the scheme of Frontier Areas of Science and Technology (FAST) in your institution.

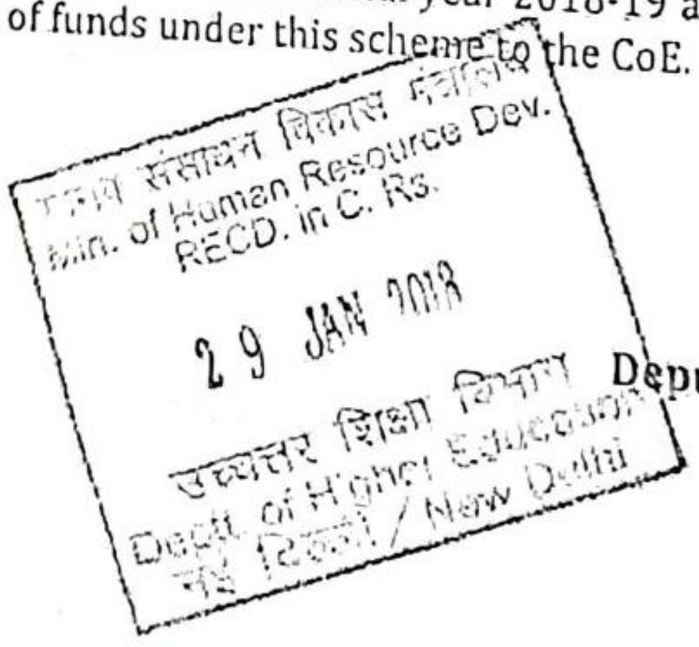
2. In this connection, it is stated that the scheme of FAST has been approved to continue further for a period of three years from 2017-18 to 2019-20 as per the latest instructions of Ministry of Finance after third party evaluation by Science & Engineering Research Board (SERB), appraisal and approval by competent authority.

3. It also give me immense pleasure to inform you that your Centre of Excellence (CoE) namely **"Machine Learning Research and Big Data Analysis" at Tezpur University, Sonitpur, Assam** is recommended and approved for continuation under the scheme till March, 2020. The details of funding to the CoE are as under:

(Rs. In Crore)

S. No	Name of the CoE	Max. fund allocated under the scheme of FAST for CoE	Funds released so far	Maximum Balance release under the scheme after submission of UC.
1.	Machine learning Research and Big Data Analysis at Tezpur University, Sonitpur, Assam.	2.50	2.00	0.50

4. Accordingly, you are requested to provide anticipated expenditure statement for this financial year 2017-18 and next financial year 2018-19 alongwith latest Utilization certificate for further release of funds under this scheme to the CoE.



Yours faithfully,

(Malathi Narayanan)
Deputy Secretary to the Govt. of India
Tel: 011-23385220

uR&D

For mfer pl.

24/1/18

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No. DBT/IC2/Indo-Russia/2014-16/03
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 6-8 Floors,
CGO Complex, Lodi Road,
New Delhi - 110003
Dated: 19.09.2014

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled as "**Application of snake venom toxins labeled with functionalized nanoparticles for detecting endogenous targets in cells and ex vivo tissues with prospects for the development of novel diagnostic and therapy tools**" at a total cost of **Rs.45.60Lakhs (Rupees Forty Five Lakh and Sixty Thousands Only)** to Registrar, Tezpur University, Napaam, Tezpur, Sonitpur, Assam 784028, India for a period of three years on the terms and conditions detailed here:

2. **Project Title**: Application of snake venom toxins labeled with functionalized nanoparticles for detecting endogenous targets in cells and ex vivo tissues with prospects for the development of novel diagnostic and therapy tools

3. **Principal Investigator**: **Prof. A. K. Mukherjee**, Dept.of Molecular Biology and Biotechnology, Tezpur University, Tezpur-784 028, Assam, India
Phone +913712-267007/267008; extn-5405,
Fax: +913712-267005/267006
Email: akm@tezu.ernet.in

4. Co-**Investigator**: **Dr. Rupak Mukhopadhyay**, Department of Molecular Biology and Biotechnology, Tezpur University, Napam, Tezpur-784 028, Assam, India
Phone: +919954471591
Telex/Fax: 03712267005/267006
E-mail: mrupak@tezu.ernet.in

5. Objectives:

A. Isolation, purification and characterization (*in vitro* activity study) of alpha-neurotoxins, nerve growth factor from venom samples of cobra (*Naja naja* and/or *Naja kaouthia*) and Krait (*Bungarus caeruleus* and/or *Bungarus fasciatus*) and nerve growth factor from viper venoms (Vipera species)
B. To prepare the above mentioned toxins labelled with functional nanoparticles as reporter groups

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C. Investigation of interaction of nanoparticles conjugated toxins with receptors (the receptor-ligand binding study) at the levels of cells, tissues and organs of normal and malignant origin

6. **Duration of the project:**

The duration of the project is three years from the date of this sanction order.

7. **Head of Account:**

The expenditure involved is debitable to:

Demand No.88	: Department of Biotechnology
3425	: Other Scientific Research (Sub-Major Head)
3425.60	: Others (Sub Major Head)
3425.60.798	: International Cooperation (Minor Head)
3425.60.798.03	: International Bilateral Programmes and Scientific Advisory Committee (Sub Minor Head)
3425.60.798.03.00	: International Bilateral Programmes and Scientific Advisory Committee (Function Head)
3425.60.798.03.00.31	: Grant in Aid General (Object Head)
3425.60.798.03.00.35	: Grants for Creation of Capital Assets (Object Head)

8. **Project cost:**

The total cost of the project is **Rs.45.60Lakhs (Rupees Forty Five Lakh and Sixty Thousands Only)** includes recurring grant only as per the budget summary given below:

(Rs. In Lakhs)

S. No.	Item	2014-15	2015-16	2016-17	Total
1.	**Manpower** A. JRF – 1 (@Rs 16,000/p.m+10%HRA) for 1st and 2nd yr a. SRF–1 (@Rs18,000/p.m.+10%HRA) for 3rd year	2.112	2.112	0.00 2.376	4.224 2.376
2.	**Consumables and analysis charge**	6.0	6.0	6.0	18.0
3.	**Contingency**	1.0	1.0	1.0	3.0
4.	**Travel** A. Doemstic B. International	0.5 0.0	0.5 3.0	0.5 3.0	1.5 6.0
5.	**Maintenance** UHPLC and FPLC annual maintenance charge (AMC), FPLC xenon lamp, chromatography columns	5.0	2.0	2.0	9.0
6.	**Overhead**	0.50	0.50	0.50	1.50
	Total=	**15.112**	**15.112**	**15.376**	45.60

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9. **Account Details**:

The amount of **Rs.45.60Lakhs (Rupees Forty Five Lakh and Sixty Thousands Only)** will be drawn by DDO, DBT from PAO, DBT and Disbursed to Registrar, Tezpur University, Napaam, Tezpur, Sonitpur, Assam 784028 through RTGS on the following account details:

Accounts Holder's Name	: Tezpur University R&D
Name of the bank	: State Bank of India, P.O. Tezpur, Sonitpur, Assam-784 028
IFSC Code	: SBIN0000195
MICR Code	: 784002002
Bank Account Number	: 30448821505
Email of beneficiary	: deanrnd@tezu.ernet.in

10. **Terms and Conditions**:

A. **General**

a. A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and Grantee Institution on Non-Judicial stamp paper of Rs.100/- in the provided format and the subsequent release will be made only after signing of MoA and its acceptance by DBT. In Case of NGO or Private Institutions, MoA signed is mandatory for the first release.

b. The progress of the project would be regularly monitored by the Indo-Brazil Steering Committee.

c. No International travel will be undertaken from the sanctioned project grant unless specified otherwise.

d. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest and the interest so earned must be reflected in the Utilization Certificate and Statement of Expenditure. The Interest earned will be treated as created to the Institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

e. Registrar, Tezpur University, Napaam, Tezpur, Sonitpur, Assam will be responsible for submission of Utilization Certificate (UC), Statement of Expenditure (SE), Manpower Certificate, Assets Certificate, Interest Earned certificate to Department of Biotechnology in respect of Grants released against the sanction orders from time to time.

f. The facility shall be open to users from other institutions.

g. University/Institution requires approval of Department of Biotechnology for re-appropriation of funds from one head to another and No- re-appropriation of fund is allowed from one head to another.

h. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest thereon as per Govt. of India shall be recovered.

i. The Non-recurring grant should be utilized within 18 months from the date of sanction of the project.

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B. Mandatory

a. Approval of Institutional Biosafety Committee, Certificate from Animal Ethics Committee must be provided, wherever applicable

b. It is mandatory to acknowledge financial support provided by DBT via inclusion of Reference/ Grant number, Name of the Department (i.e. DBT) and the duration of the financial support including the dates in acknowledgement section of publications/patents/technology transfer documents vide notification no. DBT/PCAH/Gen/01 dated 7th June 2012.

c. It is obligatory to assess/observe the biosafety compliance for rDNA activities to be performed by institutions and investigators for the proposals submitted to DBT for financial support as per the notification vide no. BT/BS/17/459/2011-PID dated 26th September 2012.

d. Investigator has to follow 'National Biodiversity Act (2002)'.

11. As per rule 211(1), the Accounts of the Grantee institution shall be open to inspection by the sanctioning authority/audit, whenever the institute is called upon to do so by the sanctioning authority.

12. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their San No. 102/IFD/SAN/**2520**/2014-2015 dated 17/09/2014.

9. This sanction order has been noted at Serial No. **14** in the Register of Grants.

(डॉ. रजनीश कुमार गौड़/**Dr. Rajneesh K. Gaur**)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Director of Audit (Scientific Departments), AGCR Building, New Delhi - 110002
2. Cash Section, DBT (2 copies)
3. Registrar, Tezpur University, Napaam, Tezpur, Sonitpur, Assam 784028, India
4. Prof. A. K. Mukherjee, Tezpur University, Napaam, Tezpur, Sonitpur, Assam 784028, India
5. Sanction Folder

(डॉ. रजनीश कुमार गौड़/**Dr. Rajneesh K. Gaur**)
Scientist 'D'

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NO. SB/YS/LS-30/2014

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 10 October, 2014

ORDER

Subject: Financial Sanction of the research project titled "Encapsulation and controlled delivery of herbal extracts in dairy food matrix using cow milk protein against in vitro simulated inflammatory cell line models" under the guidance of **Dr. Raj Kumar Duary, Deptt of Food Engineering and Technology, School of Engineering, Tezpur University, Nappam, Sonitpur, Tezpur-784028, Assam.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 19,70,000/-(Rs.Nineteen Lakh Seventy Thousand Only)** with break-up of **Rs. 3,00,000/- under Non-Recurring** and **Rs. 16,70,000/- under Recurring** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 19,70,000/-** has been approved for a period of **three** years, are given below:

Sl. No	Head	Total(in Rs.) for 3 years
A	**Non-Recurring**	
1	Equipment pH meter, Digital Analytical Balance, Table top lab drying oven, Table top laoratory digital water bath, Refrigerator	3,00,000
A'	Total (Non-recurring)	***3,00,000***
B	**Recurring**	
1	Recurring-A (Manpower, Consumables, Travel, Contingencies (includes Analytical Charges))	13,70,000
2	Recurring– B (Overhead Charges)	3,00,000
B'	Total (Recurring)	***16,70,000***
C	**Total cost of the project (A' + B') for 3 years**	**19,70,000**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 3,00,000/- (Rs.Three Lakh Only)** under **'Non-Recurring'** and **Rs. 4,00,000/- (Rs.Four Lakh Only)** under **'Recurring'** to the **Tezpur University** being the grant for the year **2014-15** for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is made under Start-Up Research Grant (Young Scientists)- Life Sciences.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.**SERB/F/4975/2014-15 dated 6.10.2014.**

5. Sanction of the grant is subject to the conditions as detailed in guidelines available at www.serb.gov.in.

6.Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

Contd...2/-

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10. The total release amount of **Rs. 7,00,000/- (Rs.Seven Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

Account Name	**Tezpur University** R & D
Account Number	**32988673022**
Bank Name & Branch	**State Bank of India, Main Branch Tezpur**
IFSC/RTGS Code	**SBIN0000195**

11. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a separate bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. The project File no. **SB/YS/LS-30/2014** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

15.As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

(Jacob V.V.)
Scientist-D

To,

Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2	Sanction Folder, SERB, New Delhi.
3	File Copy
4	Dr. Raj Kumar Duary Deptt of Food Engineering and Technology School of Engineering Tezpur University Nappam, Sonitpur, Tezpur-784028, Assam Email : duary@tezu.ernet.in,rkduary@gmail.com (The grant transfer details along with Bank/RTGS transaction no. will be intimated to the above email. Start date of the project may be intimated by name to the undersigned. Please visit website www.serb.gov.in for all formats and guidelines etc.)
5	Dean Research & Development Tezpur University Nappam, Sonitpur Tezpur-784028 Assam (Receipt of Grant may be intimated by name to the undersigned.)

(Jacob V.V.)
Scientist-D

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INDIAN NATIONAL SCIENCE ACADEMY

Bahadur Shah Zafar Marg, New Delhi-110002

Madhu Marwah
Programme Officer (SP)

Office of the Registrar
Receipt No. 3902
Dated 30/10/14
Received by

No. SP/YSP/101/2014 1065
14 October 2014

17 OCT 2014

Sub: INSA Young Scientist Project

Dear Dr. Dasgupta,

This has reference to your letter dated June, 2014 along with research proposal entitled ***"Role of Transcription Factors IRF8 and KLF4 in Lipid induced Adipose Tissue Inflammation and Insulin Resistance"*** for consideration of grant under Young Scientist Project. I am pleased to inform you that Academy has approved this project for three years from the date of starting the project which is to be renewed every year on the receipt of satisfactory Annual Progress Report.

Research grant of Rs. 5.00 lacs per annum for *three years* to cover research related expenditure including travel to participate in seminars/ symposia and field work (including overhead charges upto a maximum of 20% of the project cost, if applicable).

Please send the enclosed claim bill (in duplicate) duly filled in through your Institutional Head for release of grant.

With regards,

Yours sincereiy,

Madhu
15.10.14

(Madhu Marwah)

Dr. Suman Dasgupta
Assistant Professor
Department of Molecular Biology & Biotechnology
Tezpur University, Napaam,
Dist. Sonitpur, Assam
Tezpur-784028

Encl : As above

Copy to :

1. The Registrar, Tezpur University, Tezpur-784028, Assam.
2. AED (F&A), INSA
3. Office copy

Dean R&D
30/10/14
H. Das
Tamuljal
30/10/14

Tel: 91-11-23235153, 23221931 - 23221950 (EPABX); Fax: 91-11-23231095, 23235648
E-mail : sciprom@insa.nic.in Web : www.insaindia.org

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F-1

Indian National Science Academy

Bahadur Shah Zafar Marg, New Delhi 110 002

Claim Bill for Start-up Research Grant for INSA Young Scientist

Financial Year 2014-2015

(To be submitted in duplicate along with Statement of Expenditure)

1. Name of the Programme: **Young Scientist Project**

2. INSA Sanction No. **SP/YSP/101/2014/065** dated **14 October 2014** for the Financial Year **2014-2015**

3. A) Name of the Young Scientist & : **Dr. Suman Dasgupta**
The address of Host Institute : **Dept. of Molecular Biology & Biotechnology**
Tezpur University
Tezpur - 784028
Napaam, Dist: Sonitpur, Assam

B) Date of Starting the Project : **15 November 2014**

4. Research Project

A) Title of Research Project : ***"Role of transcription factors IRF8 and KLF4 in lipid induced adipose tissue inflammation and insulin resistance"***

B) Annual Report of Previous Year : Submitted/Not Submitted/ **N.A.**√
(Please tick mark)

5. Details of Grant
To be claimed from the Academy :

A) Self

Particulars	Equipment* Chemicals/ Other contingency	Travel	Total
a) Amount sanctioned (Current Year)	**Equipments : 3 lacs** **Chemicals : 4 lacs**	**Nil**	**Rs. 7.00 lacs**
b) Unspent balance, if any of the previous year	**N.A.**	**N.A.**	**N.A.**
c) Net amount claimed	**Rs. 7.00 lacs**	**Nil**	**Rs. 7.00 lacs**

*N.B. Invoice of quipments, chemicals etc., wherever required may be enclosed.

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B) Research Personnel, if appointed, in the project : **Nil**

Name of Assistant	date of joining	date of leaving	Rate of stipend & HRA p.m.	Duration claimed	Total

Total (a) + (b) = **Rs. 7.00 lacs**

6. Bill 1st/2nd instalment/Both : **N.A.**

7. Certified that the amount claimed in this bill will be utilized for the purpose for which it has been sanctioned and audited statement of expenditure will be furnished as soon as possible.

Counter signature of the
Head of the Institute with
Designation and Seal

S. Das 31/10/2014
Signature
(Young Scientist)

For office use

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No. DST/INSPIRE Faculty Award/2014/PH-93
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY

Technology Bhawan
New Mehrauli Road
New Delhi-110016

Dated: September 22, 2016

SANCTION ORDER

Subject: Release of INSPIRE Faculty Award Amount and Research Grant for **Dr. Arup Jyoti Choudhury, [IFA14-PH-93]** for implementation of the Award at **Tezpur University, Tezpur University-.**

Upon receipt of Statement of Expenditure and Utilization certificate and its subsequent acceptance by the finance division for implementation of this Award for five years at **Tezpur University.** President is hereby pleased to accord sanction of **Rs.1648308/- (Rupees sixteen lakh forty eight thousand three hundred eight only)** in Financial Year 2016-17 for implementation of this Award at the aforesaid Host Institute under the AORC component of the INSPIRE Program of the Department of Science & Technology, New Delhi.

INSPIRE Code	Name	Award Amount	Research Grant	Host Institute
IFA14-PH-93	**Dr. Arup Jyoti Choudhury**	Rs. 991680/- (all inclusive) plus incerment of 3.3% p.a. for twelve (12) months	Rs. 656628/- for One (1) year	**Tezpur University.**

The amount i.e. **Rs. 1648308/-** will be drawn by Drawing and Disbursing Officer of the Department of Sceince and Technology and will be disbursed to the account of the Host Institute for their selected INSPIRE Faculty awardees as given above under INSPIRE Faculty program through RTGS to the ***Registrar, Tezpur University, Tezpur University-,*** in its Account with following details ***(Bank: State Bank of India, Branch: Lake Road, A/c No.: 10501585319, IFSC Code: SBIN0000195)*** for the award amount and research grant as above.

Sanction of the President is hereby also accorded to carry forward the unspent balance of Rs. 43372/-(Award amount = Rs.0/- and Research Grant Rs.43372/-)

The implementation of Award by the Host Institute shall be governed as per Rule 211 GFRs, the accounts of the Grantee Institution will be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so, as well as under the broad frame work of the Faculty Award 'Undertaking'.

The Host University / Institute shall submit the year-wise Utilization Certificate and Statement of Expenditure for considering any future release on this.

This issue's with the approval of IFD, Department of Science and Technology vide Dy No. C/3437/IFD 2016-2017 dated September 21, 2016.

(A. Mukhopadhyay)
Scientist - G

To,

1. **Registrar**
   Tezpur University
   Tezpur University--784028 (Assam)

2. **Dr. Arup Jyoti Choudhury**
   Department of Physics
   Tezpur University
   Tezpur University--784028 (Assam)

8/11/16

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No. DST/ INSPIRE Faculty Award /2016/DST/INSPIRE/04/2014/001621

GOVERNMENT OF INDIA

MINISTRY OF SCIENCE & TECHNOLOGY

DEPARTMENT OF SCIENCE & TECHNOLOGY

Technology Bhawan
New Mehrauli Road
New Delhi-110016
31-10-2014

SANCTION ORDER

Subject: Release of INSPIRE Faculty Award amount as well as Research Grant for **Arup Choudhury[DST/INSPIRE/04/2014/001621]** for implementation of INSPIRE Faculty Award at **Tezpur University, Sonitpur, ASSAM-784028**

[illegible] selection for awarding INSPIRE Faculty Award and its subsequent finalization and acceptance of the Host Institution for implementation of this Award for five years at Tezpur University, Sonitpur, ASSAM-784028, President is hereby pleased to accord sanction of **Rs.1900000 (Rupees one million nine hundred thousand only)** in [illegible] Year 2013-14 for implementation of this Award at the aforesaid Host Institute under the AORC component of the INSPIRE Program of the Department of Science & Technology, New Delhi.

INSPIRE Code	Name	Award Amount	Research Grant	Host Institute
[illegible] INSPIRE Faculty Award /2016/DST/INSPIRE/04/2014/001621	Arup Choudhury	Rs.1200000/-	Rs. 700000/-	Tezpur University, Sonitpur, ASSAM-784028

The amount i.e. **Rs. 1900000/-** is being transferred through the State Bank Of India, New Delhi to the Director, Tezpur University, Sonitpur, ASSAM-784028 in its Accounts with the following details (Bank : STATE BANK OF INDIA , A/c No.: '10501586319, IFSC Code : SBIN0000195) for the award amount and research grant as above.

The implementation of Award by the Host Institute shall be governed as per Rule 211 GFRs, the accounts of the Grantee Institute will be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so, as well as under the broad frame work of the Faculty Award "Undertaking".

The Host University/Institute shall submit the year-wise Utilization Certificate and Statement of Expenditure for considering any future release on this.

This issue's with the approval of IFD, Department of Science and Technology vide IFD Dy No. JS&FA/1181 dated 22/09/2014 and HOD Dy. No. 646 dated 08/09/2014

With Kind Regards,

(A. Mukhopadhyay)
Scientist "G"

1. Arup Choudhury
Department of Plasma processing
Tezpur University
Sonitpur, ASSAM-784028

2. Director
Tezpur University
Sonitpur, ASSAM-784028

8/11/16

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 37(1642)/14/EMR-II

From : Head, Human Resources Development Group

Dated : 21/11/2014

To

DR NIMA D NAMSA
DEPT OF MOLE BIO & BIOTECH
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :MOLECULAR CLONING, EXPRESSION AND FUNCTIONAL CHARACTERIZATION OF DEULFURIZATION ENZYMES (Dsz A, B & C) OF NEWLY IDENTIFIED BACTERIUM Paenibacillus sp. FROM CRUDE OIL CONTAMINATED SOIL NORTH-EAST INDIA, ASSAM

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA/JRF/SRF		
III	Contingency (per annum in ₹)	1st Year : 3,00,000	2nd Year : 3,00,000	3rd Year :3,00,000
IV	Equipment (lumpsum in ₹)	2,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/01/2015 to 31/03/2015

No	Grants	Amount (in ₹)
I	Staff	66,000
II	Contingency	75,000
III	Equipment	2,00,000
	Total :	**3,41,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

24.11.14

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Princi~~pal/~~Director~~ , Tezpur University, Tezpur-784028 . The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 01(2813)/14/EMR-II

From : Head, Human Resources Development Group

Dated : 24-11-2014

To

DR PANKAJ BHARALI
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :DESIGN OF NON-PRECIOUS COBALT OXIDE BASED ELECTROCATALYSTS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	NIL		
III	Contingency (per annum in ₹)	1st Year : 2,00,000	2nd Year : 2,00,000	3rd Year :2,00,000
IV	Equipment (lumpsum in ₹)	0		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/01/2015 to 31/03/2015

No	Grants	Amount (in ₹)
I	Staff	0
II	Contingency	50,000
III	Equipment	0
	Total :	**50,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

24.11.14

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/Principal/Director Tezpur Univ. Assam. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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No. BT/HRD/NBA/34/01/2012-13 (ix)
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th Floors
CGO Complex, Lodi Road,
New Delhi – 110 003.
Dated: 25.11.2014

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the Project titled **"Discovering novel drug formulations from non-toxic, potent anticoagulant components of snake venom for the prevention or treatment of cardiovascular disease (CVD)"** by **Dr. Ashish Kumar Mukherjee, Professor, Department of Molecular Biology and Biotechnology, Head and Coordinator, DBT Nodal Cell for Medical Colleges and Biomedical Research Institute of NE India, Tezpur University, Tezpur-784 028** at a total cost of Rs. 15.00 lakh (Rupees fifteen lakh only) as a part of his National Bioscience Award for Career Development 2013 to The Registrar, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur-784028, on the terms and conditions detailed here under:-

2.0 The Project

2.1 Project Title : **"Discovering novel drug formulations from non-toxic, potent anticoagulant components of snake venom for the prevention and/or treatment of cardiovascular disease (CVD)"**

2.2 Project Investigator : **Dr. Ashish Kumar Mukherjee,Professor, Department of Molecular Biology and Biotechnology, Head and Coordinator, DBT Nodal Cell for Medical Colleges and Biomedical Research Institute of NE India, Tezpur University, Tezpur-784 028**

2.3 Project Objectives:

- Isolation of potent anticoagulant peptides from Indian cobra (*Najanaja, N. kaouthia*) and Russell's viper (*daboiaresselii*) venom samples, characterization of their biochemical properties and comparison of their anticouglant potency with commercially available anticoagulant drugs.
- Pharmacological characterization, elucidation of mechanism of action and assessment of *in vitro*cytotoicixty of selected anticoagulant peptides (individual as well as their different combinations).
- Assessment of toxicity and dose-dependent in vitro and in vivo anticoagulant potency of anticoagulant drug formulations.

Cont...2/-

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2.4 Time Schedule

The duration of the project is 3 years from the date of this sanction order.

2.5 Project cost and equipment

The project is sanctioned at a total cost of Rs. 15.00 lakh at the rate of Rs. 5.00 l per year for three years. The grant may be utilized towards equipment, consumab domestic travel, engaging manpower (as per norms issued by DST) and contingen expenditure to be incurred in connection with the implementation of the project.

2.6 Monitoring:

(i) The progress in the project would be regularly monitored by the Department Biotechnology.

(ii) The Registrar, Department of Molecular Biology and Biotechnology, Tezpu University, Tezpur-784028, would be responsible for submission of Statemen of Expenditure (S/E) and utilization certificate (U/C) to DBT in respect o grants released against this sanction order from time to time.

2.7 Execution of Memorandum of Agreement

An Memorandum of Agreement (**enclosed at Annexure-I**) is to be executed betwee all the Grantee Institutions-Govt. or private viz. autonomous bodies, universities NGOs, registered societies, etc. and DBT. A standard format of MoA is enclosed. In case of Government institutions, the first installment of the grant is being released without waiting for signing of the agreement. However, before release of the next installment, the agreement must be signed.

3. Budget Head

The expenditure involved is debitableto :

Demand No. 88	:	Department of Biotechnology
3425	:	Other Scientific Research (Major Head)
3425.60	:	Others Sub Major Head
3425.60.200	:	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.17	:	Human Resource Development
3425.60.200.17.08	:	Human Resource Development Programmes
3425.60.200.17.08.31	:	Grants-in-Aid General for the year 2014-15 (Plan)

4. The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit.

5. The other terms and conditions of this sanction are attached at **Annexure-II.**

6. No international travel will be undertaken from the sanctioned project grant.

Cont...3/-

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7. This issues under the powers delegated to this Department and with the concurrence of IFD vide their **SAN No.102/IFD/SAN/ 3449 /2014-15 dated 21.11.2014.**

8. This sanction order has been noted at Serial No. 31 in the Register of Grants.

(J.K. Dora)
Under Secretary to the Government of India

To.

The Pay & Accounts Officer
Department of Biotechnology
New Delhi – 110 003.

Copy forwarded for information/ necessary action to:-

1. The Principal Director of Audit (Scientific Departments), AGCR Building, IP Estate, New Delhi – 110 002.
2. Cash Section, DBT (2 copies).
3. The Registrar, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur-784028,
4. Dr. Ashish Kumar Mukherjee, Professor, Department of Molecular Biology and Biotechnology, Head and Coordinator, DBT Nodal Cell for Medical Colleges and Biomedical Research Institute of NE India, Tezpur University, Tezpur-784 028
5. IFD, DBT.
6. Sanction Folder.

(J.K. Dora)
Under Secretary to the Government of India

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भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
बायोटेक्नोलॉजी विभाग
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

MINISTRY OF
SCIENCE & TECHNOLOGY

ब्लाक–2,7 वां तल, सी० जी० ओ० कम्पलेक्स
लोदी रोड, नई दिल्ली–110003
Block-2, 7th Floor C.G.O. Complex
Lodi Road, New Delhi-110003

BT/HRD/NBA/34/01/2012(ix)

Date: 08-11-2017

To,

Dr. Ashish Kumar Mukherjee,
Profesor,
Deptt. of Moledcular biology and Biotechnology,
Head & Coordinator,
DBT Nodal Cell for Medical Bolleges and Biomedical Research Instt. Of NE India,
Tezpur University, Tezpur-784028.

Dear Sir,

I am directed to refer your letter No. TU/MBBT/DBT-NB Award-2013/AKM/2014-93 dated 05-09-2017 on the aforementioned subject and to inform that a meeting Project Advisory Committee was held on 07-09-2017 in DBT. The PAC reviewed the progress of the project and made some recommendation which have now been approved by the competent Authority as follows :

Awardees Name	File No & Project Title	Duration of the Project	Release of Installments			Recommendation of PAC
			Ist Installment	IInd Installment	IIIrd Installment	
Dr. Ashish Kumar Mukherjee, Professor, Depasrtment of Molecular Biology and Biotechnology. Head and Coordinator . DBT Nodal Cell for Medical Colleges and Biomedical Research Institute of NE India, Tezpur University, Tezpur.	BT/HRD/NBA/34/01/2012-13 (ix) "Discovering novel drug formulations from non-toxic, potent anticoagulant components of snake venom for the prevention and/or treatment of cardiovascular disease (CVD).".	3 years	25.11.2014	02.08.2016	19.07.2017 Request for No cost extension to project for period from 25.11.2017 to 31.03.2018 was considered on 07.09.2017	Recommended for extension of the project for 6 months w.e.f. 25.11.2017 to 31.03.2018. PI should submit progress report up to 25.112017 for review .

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Administrative

(Application No: U-Excel/2013/01)

File No. BT/412/NE/U-Excel/2013

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 11 / 12 / 2014

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Unit of Excellence in Biotechnology in North East Region of India** titled **"Venomics and antivenomics of Indian Cobra and Russell's viper: Implications In drug discovery and quality control of antivenoms"** by Dr. Ashis Kumar Mukherjee, Tezpur University , Tezpur, Assam at a total cost of **₹ 132.20 lakhs (Rupees One Crore Thirty Two lakhs and Twenty thousand only)** for a period of three years, on the terms and conditions detailed as under:

1.0 The Project:

1.1 Project Title: Venomics and antivenomics of Indian Cobra and Russell's viper: Implications in drug discovery and quality control of antivenoms.

1.2 Project Investigators

1.2.1 Principal Investigator: **Dr. Ashis Kumar Mukherjee**
Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University, Tezpur- 784028, Assam

1.3 Objectives:

- Proteomics strategy to analyze cobra (*N. naja and N. kaouthia*) and Russell's viper (*D. russellii*) venom proteomes by using multidimensional chromatographic techniques, toxin mass fingerprinting and N-terminal peptide sequencing.
- The *de novo* sequencing of tryptic digested peptides and BLAST search of homologous proteins in current snake venom databases to identify the different families of venom proteins, post translations modifications and pharmaceutically important proteins present in cobra and Russell's viper venom with special emphasis on eastern/ NE India samples.
- Using proteomics tool to determine the degree of immunological cross-reactivity between cobra and Russell's viper venom of different geographical location of India with commercial polyvalent antivenom.

1.4 Time Schedule:

The duration of the project is **Three Year** from the date of issue of sanction order.

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1.5 Equipment Details:

1.5.1 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Sl. No.	Items	Grant Recommended
1	Two dimensional gel electrophoresis system with isoelectric focusing and accessories including data acquisition system with software, UPS back-up facility	25.00
2	Ultrapure Water Purification System (For UHPLC grade water)	8.00
3	Lyophilizer with accessories, and AMC*	9.00
4	FPLC AKTA purifier columns for separation of complex venom proteins (Propriety Items) (a) MONO Q 5/50 GL (b) MONO S 5/50 GL (c) HITRAP NHS-ACTIV HP, 5 x 1ML (d) HITRAP PROTEIN A HP, 5 x 1 ML	2.10
5	Accessories for exiting AKTA Purifier (FPLC)) system (Proprietary items)	5.90
	Total	**50.00**

1.6 Manpower:

Fellowship Conditions:

JRF emoluments shall be ₹ 16,000/- + HRA for the 1st two years and ₹ 18,000/- + HRA for the 3rd year for SRF and applicable, only if JRF/SRF is NET/GATE/BET/BINC qualified, otherwise it shall be ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF. If JRF is NET qualified for lectureship he will be entitled ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF.

1.6.1 Tezpur University , Tezpur, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st year	2nd year	3rd year	Total
1.	JRF/SRF (2)	JRF @ Rs 16,000/- + 10 % HRA for the 1st & 2nd yr SRF @ Rs 18,000/- + 10 % HRA for 3rd yr % HRA for 3rd yr	4.22	4.22	4.76	13.20
Total			4.22	4.22	4.76	13.20

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1.7 Budget Estimate:

The total cost of the project is **₹ 132.20 lakhs (Rupees One Crore Thirty Two lakhs and Twenty thousand only)** as per budget summary given below:

1.7.1 Tezpur University , Tezpur, Assam

(₹ In lakhs)

Heads	1st year	2nd year	3rd year	Total
I. Non-Recurring (Equipment's and accessories)	50.00	0.00	0.00	50.00
Sub Total- I	**50.00**	**0.00**	**0.00**	**50.00**
II. Recurring				
1. Manpower	4.22	4.22	4.76	13.20
2. Consumables	10.00	10.00	10.00	30.00
3.Travel	1.00	1.00	1.00	3.00
4. Contingency	1.00	1.00	1.00	3.00
5. Sample Sequencing & Analysis charge (Mass spectroscopy and N-terminal Sequencing)- outsourcing	10.00	10.00	10.00	30.00
6.Overhead charges	1.00	1.00	1.00	3.00
Sub Total- II (1-6)	**27.22**	**27.22**	**27.76**	**82.20**
GRAND TOTAL (I+II)	**77.22**	**27.22**	**27.76**	**132.20**

I. **Grand total for 3 Year = ₹ 132.20 lakhs**
II. **Grand total for 1st Year = ₹ 77.22 lakhs**

1.8 Other Terms & Conditions:

1.8.1 The other terms and conditions governing this sanction are attached at Annexure-I.

1.8.2 A Memorandum of Agreement (MoA) will be signed between the department and the grantee institute on a 100/- stamp paper in the format given at Annexure II and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

1.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

1.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

1.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

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1.8 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/3191-3196/2014-2015 Dated 1/11/2014.**

1.10.1 This sanction order has been noted at Serial No. 199 in the Register of Grants.

1.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

1.10 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Tezpur- 784028, Assam.
6. The Vice-Chancellor, Tezpur University, Tezpur- 784028, Assam.
7. Dr. Ashis Kumar Mukherjee, Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Tezpur- 784028, Assam.
8. Concern File.
9. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

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Application No. : 1 Excel/2013/01

BT/412/NE/U-Excel/2013
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi 110003
Dated 21/11/2017

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled "**Venomics and anti-venomics of Indian Cobra and Russell's viper: Implications In drug discovery and quality control of anti-venoms**" by Dr. Ashis Kumar Mukherjee, Tezpur University, Tezpur, Assam for the period of Six Month within already sanctioned budget i.e upto June 10, 2018. At the end of this period, please submit the following documents:

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/412/NE/U-Excel/2013 dated 11/12/2014.**

(Dr. T. Madhan Mohan)
Adviser

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Application No. U-Excel/2013/01

BT/412/NE/U-Excel/2013
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated 08/05/2018

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled **"Venomics and antivenomics of Indian Cobra and Russell's viper: Implications In drug discovery and quality control of anti-venoms"** by Dr. Ashis Kumar Mukherjee, Tezpur University, Tezpur, Assam for the period of another six months within already sanctioned budget i.e upto December 10, 2018. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/412/NE/U-Excel/2013 dated 11/12/2014.**

Mohd. Aslam

(Dr. Md. Aslam)
Adviser

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...ce of the Registrar
...ceipt No. 4926
...ate
Received by 23/12/14

MoES/P.O.(Seismo)/1(214)/2014
Ministry of Earth Sciences
(Seismology Division)

...ean, R&D
...ead, Physics
...O.

23/12/14

Prithv Bhavan,
Lodhi Road,
New Delhi – 110003
Dated: 11/12/2014

13

SANCTION ORDER

: **Financial assistance for the research project entitled, "Ambient noise assisted microzonation of Tezpur Area and its neighboring regions, Assam, NER, India with simultaneous multi channel analysis of shear waves."**

Dr. Rajib Biswas, Assistant Professor, D/o Physics, Tezpur University, Nappam,Tezpur

Sanction of the President is hereby conveyed under Rule 20 of the Delegation of Financial ...wer Rules, 1978, for the above-mentioned project under Seismicity & Earthquake Precursors ...gram, AO no. MoES/P.O.(Seismo)/8(7)/2007 date 24/09/2012 at a total cost of **₹10,60,800/- (Rupees ... lakhs sixty thousand and eight hundred only**) for a period of three years. The items of expenditure ... which the total allocation of **₹10,60,800/-** has been approved are given below:

		Budget in Rupees			
	Item	1st Year	2nd Year	3rd Year	Total
A	**Recurring**				
i	**Salaries/wages** **a) Project Fellow** (One) @ ₹14,000/-p.m + HRA for first two year and @ ₹16,000/- p.m + HRA for the third year	1,84,800/-	1,84,800/-	2,11,200/-	5,80,800/-
ii	**Consumables**	30,000/-	30,000/-	30,000/-	90,000/-
iii	**Travel**	1,00,000/-	50,000/-	50,000/-	2,00,000/-
	Other cost **a)** Computer peripherals	1,00,000/-	---	---	1,00,000/-
B	**Overhead**	30,000/-	30,000/-	30,000/-	90,000/-
	Grand Total (A+B)	**4,44,800/-**	**2,94,800/-**	**3,21,200/-**	**10,60,800/-**

Sanction of the President authority is also hereby conveyed to the payment of **₹4,44,800/-** ...pees four lakhs forty four thousand and eight hundred only) to the **Registrar, Tezpur University, ...ppam, Tezpur-784028,** as first installment. The break-up of the same is as follows:

	Head	Amount in Rupees
1	Salaries	1,84,800/-
2	Consumables	30,000/-
3	Travel	1,00,000/-
4	Other cost	1,00,000/-
5	Overhead	30,000/-
	Total	**4,44,800/-**

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3. The said amount in para 2, will be drawn by DDO, MoES and will be disbursed to the **Registrar, Tezpur University, Nappam, Tezpur-784028** through RTGS as per following details:

Name of the Bank	:	State Bank of India.
Type of Account	:	Saving Account
IFSC Code	:	SBIN0000195
Account No.	:	30448821505
MICR No.	:	784002002
Branch Name	:	Lake Road, Tezpur-784001

4. The expenditure involved is debitable to Demand No.30 Ministry of Earth Sciences

3425	- Other Scientific Research (Major Head)
60	- Others (Sub-Major Head)
60.200	- Assistance to other scientific bodies (Minor Head)
49	- Seismological Research (Sub-Head)
49.00.31	- Grants-in-aid General for the year 2014-15 (Plan)

5. Sanction of the grant is subject to the conditions as detailed in the enclosed Guidelines for Implementing Research Project.

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project, etc.

7. The provisions of GFR 211(1) relating to U.C.'s for the fund released are not applicable at this stage since the said institute would be receiving the grant for the aforesaid purpose for the first time.

8. As per rule 212(1) of GFRs, the account of the Grantee institution shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. It is desirable to have MoES nominee in the selection process for recruitment of JRF/SRF/RA/Scientists in the project.

10. The position of project staff is co-terminus with the duration of the project & MoES would have no liability towards such manpower costs beyond the duration of the project.

11. The assets acquired wholly or substantially out of government grants by the implementing agencies will not be disposed off without obtaining the prior approval of MoES.

12. All the future correspondence regarding the project may be addressed to Adviser & Head Geosciences/Seismology Division.

13. Amount released for the project may be kept in a separate interest earning account of Tezpur University.

14. Data acquired under the project needs to be sent to Ministry regularly and it should not be shared with any private agency/foreigner, without prior approval of MoES.

15. The expenditure has been entered into ECR register at Page No.15, Sl. No.76.

16. This issues under the powers delegated to this Ministry and with the concurrence of IF Division of MoES, vide Dy. No.1202/IFD/14 dated 08/12/2014

13/12/14

(Kailash Chand)
Under Secretary to the Govt. of India

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To,

The Pay & Accounts Officer, MoES, New Delhi.

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department, III Floor, AGCR Building, IP Estate, New Delhi-110002.
2. **Registrar, Tezpur University, Nappam, Tezpur-784028**
3. **Dr. Rajib Biswas, Assistant Professor, D/o Physics, Tezpur University, Nappam, Tezpur-784028**
4. Cash Section, MoES, New Delhi, *with two spare copies of the sanction for making necessary payment to the grantee.*
5. Controller of Account, MoES, New Delhi.
6. Head, Geosciences/Seismology Division, MoES, New Delhi.
7. Sanction Folder/ File copy.

13/12/14

(Kailash Chand)

Under Secretary to the Govt. of India

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Office of the Registrar
Receipt No 2151
Date 28/6
Received by

No... 2304
Receipt 02/07/2018
to Deen R&D
d b

MoES/P.O.(Seismo)/1(214)/2013
Government of India
Ministry of Earth Sciences
Seismology Division

Prithvi Bhavan,
Lodhi Road,
New Delhi – 110003
Dated: 03/05/2017

ORDER

ıb: Project entitled "Ambient noise assisted microzonation of Tezpur area and its neighboring region, Assam, NER, India with simultaneous multi channel analysis of shear waves.".

I: Dr. Rajib Biswas, Assistant Professor, D/o Physics, Tezpur University, Nappam, Tezpur-784028.

In continuation to this Ministry's sanction order dated 28/08/2017, sanction of the competent authority is hereby accorded to extend the duration of the project for period of six months i.e. up to 13/06/2018 without any additional cost.

2. This issues under the powers delegated to Program Officer vide Ministry of Earth Sciences order No.MoES/P.O.(Seismo)/2(05)/2008 dated 05/11/2008 and with the approval of the Head (Geosciences/Seismology Division) vide Dy. No. 2271/PH(BKB)/2018 dated 03/05/2018.

Srivastava 4.5.18
(Archana Srivastava)
Under Secretary to the Govt. of India

To,
The Pay & Accounts Officer, MoES, New Delhi.

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department, III Floor, AGCR Building, IP Estate, New Delhi-110002.
2. **The Registrar, Tezur University, Nappam, Tezpur-784028.**
3. **Dr. Rajib Biswas, Assistant Professor, D/o Physics, Tezpur University, Nappam, Tezpur-784028.**
4. Cash Section, MoES, New Delhi, for information
5. Controller of Account, MoES, New Delhi.
6. Head, Geosciences/Seismology Division, MoES, New Delhi.
7. Sanction Folder/ File copy.

① Deen, R&D
② F.O.

for no. 1.

Srivastava 4.5.18
(Archana Srivastava)
Under Secretary to the Govt. of India

File
02/07/18

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Administrative
(Application No: Agri/2013/145)

File No. BT/427/NE/TBP/2013
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 26 / 3 / 2015

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Towards identification, isolation and characterization of *Exobasidium vexans* strains and their pathogenic determinants/ effectors, form Blister blight infested tea plantations of Assam and development of a future road-map for effective management practices"** by Dr. Eeshan Kalita, Tezpur University, Tezpur and Dr. Praveen K. Verma, National Institute of Plant genome Research, New Delhi at a total cost of **₹ 90.27 lakhs (Rupees Ninety lakhs and Twenty Seven thousand only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Towards identification, isolation and characterization of *Exobasidium vexans* strains and their pathogenic determinants/ effectors, form Blister blight infested tea plantations of Assam and development of a future road-map for effective management practices.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)

Dr. Eeshan Kalita,
Assistant Professor,
Dept. of Molecular Biology and Biotechnology,
Tezpur University (Central University),
P.O. Napaam, Tezpur-784028.

2.2.2 Co- Investigator I: (Parent Institute)

Dr. Pritam Deb
Associate Professor,
Dept. of Physics,
Tezpur University (Central University),
P.O. Napaam, Tezpur-784028.

2.2.3 Principal Investigator: (Collaboration Institute)

Dr. Praveen K. Varma
Staff Scientist V,
Dept. of Plant Immunity Laboratory,
National Institute of Plant Genome Research,
Aruna Asif Ali Marg, Near JNU Campus- 110067,
New Delhi.

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2.2.4 Co- Investigator: (Collaboration Institute)

Dr. Debasis Chattopadhyay
Staff Scientist V,
National Institute of Plant Genome Research,
Aruna Asif Ali Marg, Near JNU Campus- 110067,
New Delhi.

2.3 Objectives:

1. Isolation, identification and establishment of pure culture of *Exobasidium vexans* strains from infested tea plantations of Assam.
2. Isolation of pathogenic effectors/determinants by Suppression Subtractive Hybridization strategy; followed by *in silico* and expression analysis of the isolated pathogenic/determinants.
3. Gene-knock out and/or RNAi of selected highly expressing genes and infection bioassay on host plants.
4. Development of a road map for effective control of blister blight drawing from the data obtained on the pathogenesis of the fungus and the identified target effectors for an environmentally suitable solution.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Tezpur, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Fluorescence microscope (with DIC feature), camera and software	8.55
2.	Refrigerated programmable shaker	3.59
3.	BOD incubator	2.24
4.	Biosafety hood	2.97
5.	Deep Freezer	2.31
	Total	**19.66**

2.5.2 National Institute of Plant Genome Research, New Delhi

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	BOD Incubator	2.02
	Total	**2.02**

2.6 Manpower:

Fellowship Conditions:
JRF emoluments shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, only if JRF/SRF is NET/GATE/BET/BINC SLET/Professional course qualified, otherwise it shall be ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF.

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2.6.1 Tezpur University, Tezpur, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	10.30
		Total	**3.30**	**3.30**	**3.70**	**10.30**

2.6.2 National Institute of Plant Genome Research, New Delhi

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	Research Associate (1)	@ 36,000/- +30% HRA (1st Yr), 38,000/- (2nd yr), 40,000/- (3rd yr)	5.62	5.93	6.24	17.79
		Total	**5.62**	**5.93**	**6.24**	**17.79**

2.7 Budget Estimate:

The total cost of the project is **₹ 90.27 lakhs (Rupees Ninety lakhs and Twenty Seven thousand only)** as per budget summary given below:

2.7.1 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	19.66	0.00	0.00	19.66
Sub Total- I	**19.66**	**0.00**	**0.00**	**19.66**
II. Recurring				
1. Manpower	3.30	3.30	3.70	10.30
2. Consumables	6.00	6.00	6.00	18.00
3.Travel	0.50	0.50	0.50	1.50
4. Contingency	0.50	0.50	0.50	1.50
5.Overhead charges	0.50	0.50	0.50	1.50
Sub Total- II (1-5)	**10.80**	**10.80**	**11.20**	**32.80**
GRAND TOTAL (I+II)	**30.46**	**10.80**	**11.20**	**52.46**

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Application No. Agri/2015/145

BT/472/NE/TBP/2013
Government of India
Ministry of Science & Technology
Department of Biotechnology
(NERBPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: / /2018

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled **"Towards identification, isolation and characterization of Exobasidium vexans strains and their pathogenic determinants/effectors, form Blister blight infested tea plantations of Assam and development of a future road-map for effective management practices"** by Dr. Eeshan Kalita, Tezpur University, Tezpur and Dr. Praveen K. Verma, National Institute of Plant Genome Research, New Delhi for the period of Six months within already sanctioned budget i.e upto September 24, 2018. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/427/NE/TBP/2013 dated 25/03/2015.**

Mohd. Aslam

(Dr. Mohd. Aslam)
Advisor, DBT

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Administrative
(Application No: Agri/2013/175)

File No. BT/431/NE/TBP/2013
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 31 / 3 / 2015

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Estimation of the diversity of endophytes in subtropical forest of Arunachal Pradesh and creation of a genetic resource"** by Dr. Sumpam Tangjang, Rajiv Gandhi University, Arunachal Pradesh; Dr. T.S. Suryanarayanan, Vivekananda Institute of Tropical Mycology, Chennai and Dr. Nima D. Namsa, Tezpur University, Tezpur, Assam at a total cost of **₹ 83.72 lakhs (Rupees Eighty Three lakhs and Seventy Two thousand only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Estimation of the diversity of endophytes in subtropical forest of Arunachal Pradesh and creation of a genetic resource.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)

Dr. Sumpam Tangjang
Assistant Professor
Dept. of Botany
Rajiv Gandhi University,
Rono Hills-791112, Doimukh,
Arunachala Pradesh

2.2.2 Co- Investigator I: (Parent Institute)

Prof. A.K. Das
Professor
Dept. of Botany
Rajiv Gandhi University,
Rono Hills-791112, Doimukh,
Arunachala Pradesh

2.2.3 Principal Investigator (I): (Collaboration Institute)

Dr. T.S. Suryanarayanan
Director
Dept. of Mycology
Vivekananda Institute of Tropical Mycology (VINSTROM), A unit of Ramakrishna Mission Vidyapith, 45, Oliver Road, Mylapore, Chennai-600004

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2.2.4 *Co- Investigator:*
(Collaboration Institute)

Dr. V. Muruganandam
Associate Director
Dept. of Mycology
Vivekananda Institute of Tropical Mycology (VINSTROM), A unit of Ramakrishna Mission Vidyapith, 45, Oliver Road, Mylapore, Chennai-600004

2.2.5 Principal Investigator (II):
(Collaboration Institute)

Dr. Nima D. Namsa
Assistant Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University, Napaam, Tezpur
Assam- 784028

2.2.6 Co- Investigator:
(Collaboration Institute)

Dr. M. Mandal
Associate Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University, Napaam, Tezpur
Assam- 784028

2.3 Objectives:

1. 60 plant species (trees and orchid species) of the wet forest of AP will be screened for endophytic fungi.
2. Various ecological parameters of the endophyte community of this forest such as species diversity, tissue and host specificity, host recurrence, dominance, overlaps, would be identified.
3. The endophyte species would be purified and brought into culture and identified.
4. Molecular identification of sterile endophytes species will be carried out using PCR amplification of 18S rDNA, internal transcribed spacer (ITS) sequence, β-tubulin and α-actin sequence specific primers followed by sequencing.
5. Molecular characterization to determine the host switches and specificity among endophytes.
6. A culture collection of these endophytes would be created to be kept in AP and in VINSTROM for future screening for bioactive metabolites and industrial enzymes.
7. A list of the endophyte species indicating from which tissue and species of the plant they were isolated would be provided.
8. At the end of the 3 year project, the 2 JRFs of the NE Institution would have obtained training in the isolation and identification of endophytes such that the PI he can lead his own team of mycologist for similar work with the rest of the types of forests of Arunachal Pradesh. To train the students of Dr. Sumpam's lababoratory in molecular techniques at Tezpur University.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

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2.5 Equipment Details:

2.5.1 Rajiv Gandhi University, Arunachal Pradesh

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Hot air oven	0.99
2.	Laminar air flow (4x 2 ft)	0.99
3.	Refrigerator + stabilizer	0.80
4.	Incubator	0.50
5.	Freeze Dryer (Lyophilizer)	5.00
6.	Autoclave	0.74
7.	Deep freezer	0.80
	Total	**9.82**

2.5.2 Vivekananda Institute of Tropical Mycology, Chennai

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Digital microscope	2.00
	Total	**2.00**

2.5.3 Tezpur University, Tezpur, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	pH meter	0.50
2.	Digital weighing balance	1.50
	Total	**2.00**

2.6 Manpower:

Fellowship Conditions:
JRF emoluments shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, only if JRF/SRF is NET/GATE/BET/BINC SLET/Professional course qualified, otherwise it shall be ₹ 12,000/- + HRA for the 1st two years for JRF and ₹ 14,000/- + HRA for the 3rd year for SRF.

2.6.1 Rajiv Gandhi University, Arunachal Pradesh

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF (2)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	6.60	6.60	7.39	**20.59**
		Total	**6.60**	**6.60**	**7.39**	**20.59**

of

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2.6.2 Vivekananda Institute of Tropical Mycology, Chennai

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	Research Associate-I, II, III (1)	@ 36000/-, 38000/- & 40000/-+ 20 % HRA in 1st, 2nd, & 3rd year respectively	5.18	5.47	5.76	**16.41**
		Total	**5.18**	**5.47**	**5.76**	**16.41**

2.6.3 Tezpur University, Tezpur, Assam

Nil

2.7 Budget Estimate:

The total cost of the project is **₹ 83.72 lakhs (Rupees Eighty Three lakhs and Seventy Two thousand only)** as per budget summary given below:

2.7.1 Rajiv Gandhi University, Arunachal Pradesh

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	9.82	0.00	0.00	**9.82**
Sub Total- I	**9.82**	**0.00**	**0.00**	**9.82**
II. Recurring				
1. Manpower	6.60	6.60	7.39	**20.59**
2. Consumables	2.50	2.50	2.50	**7.50**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**10.60**	**10.60**	**11.39**	**32.59**
GRAND TOTAL (I+II)	**20.42**	**10.60**	**11.39**	**42.41**

2.7.2 Vivekananda Institute of Tropical Mycology, Chennai

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	2.00	0.00	0.00	**2.00**
Sub Total- I	**2.00**	**0.00**	**0.00**	**2.00**
II. Recurring				
1. Manpower	5.18	5.47	5.76	**16.41**
2. Consumables	2.00	2.00	2.00	**6.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**8.68**	**8.97**	**9.26**	**26.91**
GRAND TOTAL (I+II)	**10.68**	**8.97**	**9.26**	**28.91**

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2.7.3 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
III. Non-Recurring (Equipment's and accessories)	2.00	0.00	0.00	**2.00**
Sub Total- I	**2.00**	**0.00**	**0.00**	**2.00**
IV. Recurring				
1. Manpower	0.00	0.00	0.00	**0.00**
2. Consumables	2.00	2.00	2.00	**6.00**
3.Travel	0.50	0.50	0.40	**1.40**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**3.50**	**3.50**	**3.40**	**10.40**
GRAND TOTAL (I+II)	**5.50**	**3.50**	**3.40**	**12.40**

(i) Grand total for 3 years (42.41+ 28.91+ 12.40) = ₹ 83.72 lakhs
(ii) Total for 1st year release (20.42+ 10.68+ 5.50) = ₹ 36.60 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

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2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/4892-4911/2014-2015 Dated 20/03/2015.**

2.10.1 This sanction order has been noted at **Serial No.**711-713 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Rajiv Gandhi University, Rono Hills-791112, Doimukh, Itanagar, Arunachal Pradesh.
6. The Vice-Chancellor, Rajiv Gandhi University, Rono Hills-791112, Doimukh, Itanagar, Arunachal Pradesh.
7. The Secretary, Ramakrishna Mission Vidyapith, 70-72, P. S. Sivasami salai, Mylapore, Chennai-600 004.
8. The Registrar, Tezpur University, Napaam, Tezpur, Assam- 784028.
9. The Vice-Chancellor, Tezpur University, Napaam, Tezpur, Assam- 784028.
10. Dr. Sumpam Tangjang, Assistant Professor, Dept. of Botany, Rajiv Gandhi University, Rono Hills-791112, Doimukh, Itanagar, Arunachal Pradesh.

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11. Dr. T.S. Suryanarayanan, Director, Dept. of Mycology, Vivekananda Institute of Tropical Mycology (VINSTROM), A unit of Ramakrishna Mission Vidyapith, 45, Oliver Road, Mylapore, Chennai- 600004.
12. Dr. Nima D. Namsa, Assistant Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Napaam, Tezpur, Assam- 784028.
13. Concern file.
14. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

Vaishali Panjabi

(Dr. Vaishali Panjabi)
Scientist 'D'

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① Dean, R&D
② F.O.
for info
3/12/14

सत्यमेव जयते

To the Registrar
Diary No. 5020
Dated
Received by 30/12/14

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

8 DEC 2014

November, 2014

No. F.3-3/2015/DRS-II(SAP-II)

To
The Registrar,
Tezpur University,
Napaam, Tezpur – 784 028
Assam.

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the **Department of Chemical Sciences, Tezpur University, Napaam, Tezpur – 784 028, Assam** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (1-4-2015 to 31-3-2020).**

Sir,

1. The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. The Department of **Chemical Sciences** was implementing **DRS-I (2009-2014)** of the programme at the level of **DRS-I** approved for a duration of five years.

3. As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **17th July, 2014 in the office of UGC New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the term as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. The UGC has approved the **Department of Chemical Sciences** from **DRS-I to DRS-II** programme for a further period of **Five years from 1.4.2015 to 31.3.2020. Period from 1-4-2014 to 31-03-2015 may be treated as gap year.**

Pl. file.
31/12/2014

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6. On the basis of the recommendations of the Review Committee, I am directed to convey approval of the University Grants Commission to the continuation/Up-gradation of the programme at the level of **DRS-II** for a duration of **5 years** with the following thrust area(s) for research and teaching.

Thrust Area Identified

- **Catalysis, Functional Polymers & Medicinal/Structural Chemistry**

As recommended by the Review Committee, the Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Prof. R. C. Deka (Co-ordinator) & Prof. N. Gogoi (Dy. Co-ordinator) for **DRS-II** programme under SAP.

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for a duration of **5 years (01/04/2015 to 31/03/2020)** is given below : -

S. No.	Non-Recurring (Items) (Rs. In Lakh)	Rs. (In Lakh)
	Equipment	
1.	Powder XRD	80.00
2.	Fluorescence Spectrometer	25.00
	TOTAL	**105.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.1.00 p.a.	5.00
2.	Chemicals/Consumables/Glassware @ Rs.5.00 p.a.	25.00
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.0.50 p.a.	2.50
4.	Visiting Fellows @Rs. 1.00 p.a.	5.00
5.	Seminars (for organization) on thrust area @ Rs. 1.00 p.a	5.00
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.0.50 p.a.	2.50
	Total	**45.00**
	Grand total (NR + R)	**150.00**

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	(Rs. In lakh)
Non – Recurring	Rs. 105.00
Recurring	Rs. 45.00
Total (NR + R) for 5 years =	Rs. 150.00

(Rupees One Crore fifty lakh only)

8. The University is to maintain a separate bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme

7. **The University/ Department may follow the SAP Guidelines posted on the UGC website.**

8. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordiantor or Co-ordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) Prof. Sujit Roy, IIT, Patna.

2) Prof. B. C. Ranu, IACS, Kolkata

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

9. The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
iii) Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

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"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

R. Batra

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded alongwith the copies of Annexure-I for information and necessary action to:-

Prof. R. C. Deka
Co-ordinator (DRS-II Programme),
Department Chemical Sciences,
Tezpur University, Napaam, Tezpur – 784 028, Assam.

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Tezpur – 784 028, Assam.**
2. The Head, **Department Chemical Sciences, Tezpur University, Napaam, Tezpur – 784 028, Assam.**
3. The Secretary to the State Government of **Assam**, Department of Education, **Tezpur.**
4. Guard File.

Nidhi Sharma

(Dr. Nidhi Sharma)
Deputy Secretary

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UNIVERSITY GRANTS COMMISSION

University: Tezpur University

Sanction Letter No. & Date: F.3-3/2015/DRS-II/(SAP-II) Dtd. 22/06/2015

Consolidated Statement of Expenditure incurred during 01.04.2015 to 31.03.2020 in the Department of Chemical Sciences, Tezpur University under Special Assistance Programme.

Item(s) of Expenditure	Total Grant approved by the UGC	Grant Released by the UGC so far	Actual Expenditure incurred						Remarks/ Balance
			YEAR (1st) 2015-16	YEAR (2nd) 2016-17	YEAR (3rd) 2017-18	YEAR (4th) 2018-19	YEAR (5th) 2019-20	Total Expenditure incurred	
A. Non-Recurring									
1. Powder XRD	80,00,000	79,80,000	NIL	NIL	NIL	NIL	NIL	NIL	79,80,000
2. Fluorescence Spectrometer	25,00,000	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
B. Recurring									
1. Contingency/ Working Expenses	5,00,000	3,69,504	47,831	1,21,673	0	1,02,199	44,128	3,15,831	53,673
2. Chemicals	25,00,000	19,99,148	4,99,979	0	4,99,246	4,99,923	3,52,368	18,51,516	1,47,632
3. Travel/Field Facilities	2,50,000	1,83,121	19,450	63,671	0	59,888	40,112	1,83,121	0
4. Visiting Fellow	5,00,000	2,26,622	91,712	0	34,910	0	88,740	2,15,362	11,260
5. Seminar	5,00,000	3,82,313	1,00,000	1,00,000	0	82,313	99,927	3,82,240	73
6. Advisory Committee Meeting	2,50,000	1,77,667	23,899	26,559	44,223	32,986	0	1,27,667	50,000
Total (₹) (B)	45,00,000	33,38,375	7,82,871	3,11,903	5,78,379	7,77,309	6,25,275	30,75,737	2,62,638
Grand Total (A+B)	1,50,00,000	1,13,18,375	7,82,871	3,11,903	5,78,379	7,77,309	6,25,275	30,75,737	82,42,638
								Total Acc. Interest = (a): 47,766 + (b): 1,24,697 (a) 01-04-2019 to 31-03-2020 and (b) 01-04-2020 to 30-09-2020	1,72,463
								Total Unspent Amount/ Amount Return to UGC (₹)	84,15,101

Certificate

1. Certified that grant has been utilize for the purpose for which it was sanctioned and in accordance with the terms & conditions attached to the grant.
2. If as a result of check or Audit objection, some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the objected account.

Programme Co-ordinator

Finance Officer
Finance Officer
Tezpur University

Registrar
Registrar
Tezpur University

Signature

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① Dean, R&D
② F.O.

fw mail

B
27/8/15

ज्ञान-विज्ञान विमुक्तये

...of the Registrar
...ceipt No. 2772
...e 27.8.15
...received by.....

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.3-14/2015/DRS-II(SAP-II)

August, 2015

To

The Registrar,
Tezpur University
Napaam, Tezpur – 784 028
Assam.

20 AUG 2015

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the **Department of Computer Science & Engineering, Tezpur University, Napaam, Tezpur – 784 028, Assam** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (1-4-2015 to 31-3-2020).**

Sir,

The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

The Department of **Computer Science & Engineering** was implementing **DRS-I (2009-2014)** of the programme at the level of **DRS-I** approved for duration of five years.

As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **23rd July, 2014 in the office of UGC New Delhi.**

The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the term as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

The UGC has approved the **Department of Computer Science & Engineering** from **DRS-I to DRS-II** programme for a further period of **Five years from 1.4.2015 to 31.3.2020. Period from 1-4-2014 to 31-03-2015 may be treated as gap year.**

pl. file
31/8/2015

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6. On the basis of the recommendations of the Review Committee, I am directed to convey approva of the University Grants Commission to the continuation/Up-gradation of the programme at the level of **DRS-II** for duration of **5 years** with the following thrust area(s) for research and teaching.

Thrust Area Identified

- **Big Data Analytics** - **Bioinformatics**
  - **Network Security**
  - **Robotics**

As recommended by the Review Committee, the Co-ordinator of the Programme for the presen phase of the Programme will be as indicated below:

Prof. Dhruba K Bhattacharya (Co-ordinator) & Prof. Utpal Sharma (Dy. Co-ordinator) fo **DRS-II** programme under SAP.

The Co-ordinator may continue till the end of the present duration of the programme or till his/he superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for duration of **5 years (01/04/2015 to 31/03/2020)** is given below : -

S. No.	Non-Recurring (Items) (Rs. In Lakh)	Rs. (In Lakh)
	Equipment	
1.	Desktop, HPCC	40.00
	TOTAL	**40.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.0.50 p.a.	2.50
2.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs. 1.00 p.a.	5.00
3.	Visiting Fellows @ Rs.0.50 p.a.	2.50
4.	Seminars (for organization) on thrust area @ Rs. 2.00 p.a	10.00
5.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs. 1.00 p.a.	5.00
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.0.40 p.a.	2.00
7.	Books and Journals @ Rs. 2.00 p.a	10.00
8.	Project Fellow **(Two)**	**Actual**
	Total	**37.00 + 2 P.F. (Actual)**
	Grand total (NR + R)	**77.00+ 2 P.F. (Actual)**

PB

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(Rs. In lakh)

Non – Recurring	Rs.40.00
Recurring	Rs.37.00

Total (NR + R) for 5 years = Rs.77.00+ (2 Project Fellows Actual)

(Rupees seventy seven lakh only + 2 Project Fellows Actual)

8. The University is to maintain a separate bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme

9. **The University/ Department may follow the SAP Guidelines posted on the UGC website.**

10. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordiantor or Co-ordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) Prof. B.P. Sinha, ACM Unit, ISI Kolkata (bpsinha@isical.ac.in).

2) Prof. S.Sen, Department of CSE, IIT, Delhi

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
iii) Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

Scanned by TapScanner

"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

R. Batra

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded alongwith the copies of Annexure-I for information and necessary action to:-

Prof. Dhruba K Bhattacharyya
Co-ordinator (DRS-II Programme),
Department Computer Science & Engineering,
Tezpur University, Napaam, Tezpur – 784 028, Assam.

Copy for **information to:**

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Tezpur – 784 028, Assam.**
2. The Head, **Department Computer Science & Engineering, Tezpur University, Napaam, Tezpur – 784 028, Assam.**
3. The Secretary to the State Government of **Assam,** Department of Education, **Tezpur.**
4. Guard File.

(Smita Bidani)
Education Officer

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HOD, EFL

ज्ञान-विज्ञान विमुक्तये

Office of the Registrar
Receipt No. 773
Date 13/5/15
Received by

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.5-21(DRS-II)/2015 (SAP-III)

2 March, 2015

Serial No... 3784
Date of Receipt... 22/5/15
File No...
Received by

To
The Registrar,
Tezpur University,
Tezpur – 784 024.

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the **Department of English and Foreign Languages, Tezpur University** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (1-4-2015 to 31-3-2020).**

Sir,

1. The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. The Department of **English and Foreign Languages** was implementing **DRS-I** of the programme approved for a duration of five years for **1.4.2009 to 31.3.2014.**

3. As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **30th July, 2014 in the office of UGC New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the term as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. The UGC has approved the **Department of English and Foreign Languages** from **DRS-I to DRS-II** programme for a further period of **Five years from 1.4.2015 to 31.3.2020. Period from 1-4-2014 to 31-03-2015 may be treated as gap year.**

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6. On the basis of the recommendations of the Review Committee, I am directed to convey approv of the University Grants Commission to the continuation/Up-gradation of the programme at the level of **DRS-II** for a duration of **5 years** with the following thrust area(s) for research and teaching.

Thrust Area Identified

- **Understanding Colonial and Alternative Modernities as Reflected in Travel and Life Writing in Assam.**
- **Examining Asian and Indian influences on Modern Assamese.**

As recommended by the Review Committee, the Co-ordinator & the Deputy Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Name of Coordinator: - Prof. Prasanta Kumar Das
Name of Deputy Coordinator: - Prof. Bijay Kumar Danta

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for a duration of **5 years (01/04/2015 to 31/03/2020)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	Equipment (including Computer Hardware/ Software) - Computers and laptops 5+3, Scanner 1 heavy + 1 portable, Digital Camera 1, Printers	15.00
2.	Building (upgradation/augmentation extension of existing laboratory for housing and Installation of new equipment)(maximum Limit upto 50 lakhs) including air-conditioning	20.00
	TOTAL	**35.00**
SNo.	**Recurring**	
1.	Contingency/Working expenses @ Rs.2,00,000/- p.a.	10.00
2.	Chemicals/Consumables/Glasswares @ Rs. 1,00,000/-p.a.	5.00
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.1,00,000/- p.a.	5.00
4.	Visiting Fellows @Rs.1,00,000/- p.a.	5.00
5.	Seminars (for organization) on thrust area @ Rs.1,00,000/- p.a	5.00
6.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.2,00,000/- p.a.	10.00
7.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.60,000/- p.a.	3.00
8.	Books and Journals @ Rs.2,00,000/- p.a.	10.00
9.	Publication @ Rs.2,00,000/-p.a.	10.00
10.	**Project Fellow - 2**	10.00
	Total	**(Actuals)**
		63.00 + 2 P.F. (Actuals)

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(Rs. In lakh)

Non – Recurring	**Rs. 35.00**
Recurring	**Rs. 63.00 + 2 P.F. (Actuals)**
Total (NR + R) for 5 years =	**Rs. 98.00 + 2 P.F. (Actuals)**

(Rupees Ninety Eight Lakh Only) + 2 P.F. (Actuals)

8. The University is to maintain a separate bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme

9. The University/ Department may follow the SAP Guidelines posted on the UGC website.

10. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordiantor or Co-ordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) Prof. Rana Nayar, Panjab University, Punjab – 160 014. Tel:-09815104257.
2) Prof. Jatin Kumar Nayar, Utkal University, Orissa - 751 004. Tel:-09337116987.

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

11. The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
iii) Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

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iv) Name of the Department Co-ordinator and Dy. Co-ordinator indicating (I) present designation (ii) specialised areas(s) of research and (iii) date of superannuation.

v) List of members of the Advisory Committee constituted by the university/ institute as per guidelines.

vi) Year-wise academic programme and action proposed to be undertaken by the department during the period of **5 years** to implement the programme.

vii) The annual report of the work done during the year (as per effective date of the programme) should be submitted by the Programme Co-coordinator highlighting the achievements in research and teaching and indicating separately the progress in procuring of equipment / construction of Building (only addition, alteration and renovation , if sanctioned under the programme) and the list of papers published in referred journal during the year positively reported by the end of every year.

viii) A Certificate from the Registrar of the university that the department is not self finance and is eligible to receive the UGC financial assistance..

12. The University/Institute shall take all possible measures to ensure effective implementation of policies of Government of India relating to SC/ST students and teachers in regard to the UGC programme. In case of non-teaching staff, the policies of the Central Government in respect of Central Universities and of the State Government in respect of State Universities shall be implemented.

13. The first installment of admissible grant will be released separately. In the meantime, the University may submit the requisite information requested vide **para 11 (i to viii)** by return of post.

14. No request for any change in the effective date will be considered.

15. The orders for purchase of equipment may be placed within six months from the date of receipt of the grant by the university.

16. The second and subsequent installment of grant for any approved items will be considered and sanctioned only on receipt of the yearwise & item-wise Utilization Certificate alongwith annual progress report for the earlier installment in the prescribed form duly signed by the Registrar/Finance Officer as the case may be.

17. **The Non Recurring Grant approved will be released only after settlement of the previous accounts of SAP programme. (In case of on going Programme).**

18. **The University/Institution shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the University/institution has complied with the anti-ragging measures by stating that:**

Scanned by TapScanner

"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded for information and necessary action to:-

Prof. Prasanta Kumar Das,
Programme Co-ordinator (DRS-II),
Department of English and Foreign Languages,
Tezpur University,
Tezpur – 784 024 (Assam).

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Tezpur – 784 024**
2. The Head, **Department of English and Foreign Languages, Tezpur University, Tezpur – 784 024**
3. The Secretary to the State Government of **Assam**, Department of Education, Tezpur.
4. Guard File.
5. F.No.5-8/2009(SAP-III).

(Dr. Nidhi Sharma)
Deputy Secretary

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Office of the Regist
Receipt No. .....5393.....
Date.....21.01.15.....
Received by.....

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

21 JAN 2015

No. F.3-1/2015/DRS-II(SAP-II)

December, 2014

To
The Registrar,
Tezpur University,
Napaam, Tezpur – 784 028
Assam.

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the **Department of Molecular Biology & Biotechnology, Tezpur University, Napaam, Tezpur – 784 028, Assam** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (1-4-2015 to 31-3-2020).**

Sir,

1. The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. The Department of **Molecular Biology & Biotechnology** was implementing **DRS-I (2009-2014)** of the programme at the level of **DRS-I** approved for a duration of five years.

3. As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **14th July, 2014 in the office of UGC, New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the term as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. The UGC has approved the **Department of Molecular Biology & Biotechnology** from **DRS-I to DRS-II** programme for a further period of **Five years from 1.4.2015 to 31.3.2020.** **Period from 1-4-2014 to 31-03-2015 may be treated as gap year.**

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6. On the basis of the recommendations of the Review Committee, I am directed to convey approval of the University Grants Commission to the continuation/Up-gradation of the programme at the level of **DRS-II** for a duration of **5 years** with the following thrust area(s) for research and teaching.

Thrust Area Identified

- **Microbial Biotechnology**

As recommended by the Review Committee, the Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Dr. Shashi Baruah (Co-ordinator) & Dr. S.K. Ray (Dy. Co-ordinator) for **DRS-II** programme under SAP.

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for a duration of **5 years (01/04/2015 to 31/03/2020)** is given below : -

S. No.	Non-Recurring (Items) (Rs. In Lakh)	Rs. (In Lakh)
	Equipment	
	Spectrophotometer, Autoclave, -80 Deep refrigerator, Millipore distillation unit, Minor instruments	30.00
	TOTAL	**30.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.0.50 p.a.	2.50
2.	Chemicals/Consumables/Glassware @ Rs.8.00 p.a.	40.00
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.0.25 p.a.	1.25
4.	Seminars (for organization) on thrust area @ Rs. 1.50 p.a	1.50
5.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.1.00 p.a.	5.00
6.	**Project Fellows (2)**	**(actual)**
	Total	**50.25 + 2 P.F. (Actual)**
	Grand total (NR + R)	**80.25+ 2 P.F. (Actual)**

RB

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(Rs. In lakh)

Non – Recurring **Rs. 30.00**
Recurring **Rs. 50.25**

Total (NR + R) for 5 years = Rs.80.25 + (2 Project Fellows Actual)

(Rupees eight lakh twenty five thousand only + 2 Project Fellows Actual)

8. The University is to maintain a separate bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme

9. **The University/ Department may follow the SAP Guidelines posted on the UGC website.**

10. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordiantor or Co-ordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) **Dr. Rupinder Tiwari, Deptt. of Microbial Biotechnology Punjab University, Chandigarh (Mobile No.9872216184)**

2) **Dr. N. Thajudin, Department of Microbiology, Bharthidasan University, Tiruchi-24 (Mobile No.9842379719)**

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
iii) Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

RB

Scanned by TapScanner

(Rs. In lakh)

Non – Recurring **Rs. 30.00**
Recurring **Rs. 50.25**

Total (NR + R) for 5 years = Rs.80.25 + (2 Project Fellows Actual)

(Rupees eight lakh twenty five thousand only + 2 Project Fellows Actual)

8. The University is to maintain a separate bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme

6. **The University/ Department may follow the SAP Guidelines posted on the UGC website.**

7. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordiantor or Co-ordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) **Dr. Rupinder Tiwari, Deptt. of Microbial Biotechnology Punjab University, Chandigarh (Mobile No.9872216184)**

2) **Dr. N. Thajudin, Department of Microbiology, Bharthidasan University, Tiruchi-24 (Mobile No.9842379719)**

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
iii) Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

DB

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iv) Name of the Department Co-ordinator and Dy. Co-ordinator indicating (I) present designation (ii) specialised areas(s) of research and (iii) date of superannuation.

v) List of members of the Advisory Committee constituted by the university/ institute as per guidelines.

vi) Year-wise academic programme and action proposed to be undertaken by the department during the period of **5 years** to implement the programme.

vii) The annual report of the work done during the year (as per effective date of the programme) should be submitted by the Programme Co-coordinator highlighting the achievements in research and teaching and indicating separately the progress in procuring of equipment / construction of Building (only addition, alteration and renovation , if sanctioned under the programme) and the list of papers published in referred journal during the year positively reported by the end of every year.

viii) A Certificate from the Registrar of the university that the department is not self finance and is eligible to receive the UGC financial assistance.

12. The University/Institute shall take all possible measures to ensure effective implementation of policies of Government of India relating to SC/ST students and teachers in regard to the UGC programme. In case of non-teaching staff, the policies of the Central Government in respect of Central Universities and of the State Government in respect of State Universities shall be implemented.

13. The first installment of admissible grant will be released separately. In the meantime, the University may submit the requisite information requested vide **para 11 (i to viii)** by return of post.

14. No request for any change in the effective date will be considered.

15. It may be noted that the orders for purchase of equipment may be placed within six months from the date of receipt of the grant by the university.

16. The second and subsequent installment of grant for any approved items will be considered and sanctioned only on receipt of the Utilization Certificate for the earlier installment in the prescribed form duly signed by the Registrar/Finance Officer as the case may be.

17. **The Non Recurring Grant approved will be released only after settlement of the previous accounts of SAP programme. (In case of ongoing Programme).**

18. **The University/Institution shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the University/institution has complied with the anti-ragging measures by stating that:-**

RB

Scanned by TapScanner

"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

R-Batra

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded alongwith the copies of Annexure-I for information and necessary action to:-

Dr. Shashi Baruah
Co-ordinator (DRS-II Programme),
Department Chemical Sciences,
Tezpur University, Napaam, Tezpur – 784 028, Assam.

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Tezpur – 784 028, Assam.**
2. The Head, **Department Chemical Sciences, Tezpur University, Napaam, Tezpur – 784 028, Assam.**
3. The Secretary to the State Government of **Assam**, Department of Education, **Tezpur.**
4. Guard File.

Nidhi Sharma

(Dr. Nidhi Sharma)
Deputy Secretary

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ANNEXURE III

UNIVERSITY GRANTS COMMISSION
(SELECTION & AWARDS BUREAU)
BAHADUR SHAH ZAFAR MARG
NEW DELHI -110002

FORM FOR SUBMITTING ACCOUNTS OF CONTINGENCY GRANTS AND THE UTILISATION CERTIFICATE

me of awardee : Dr. Pritam Deb

ward letter number and date : F.30-1/2014/RA-2014-16-GE-WES-5629(SA-II) Dated.20.2.2015

me of the scheme under which he/she is working : UGC Research Award

riod for which the accounts of contingency grant relates : 2015-2016

penditure : From : 01.4.2015 to 31.3.2016. Amount : Rs.1,50,000.00

a) Research staff	:	NIL
b) Book and allied items	:	NIL
c) Typing (tracing & ammonia printing)	:	NIL
d) Stationary	:	NIL
e) Postage	:	NIL
f) Chemical and electrical goods	:	Rs.1,50,000.00

eriod for which the contingency grant is payable : 2015-2016

Certified that the expenditure of **Rs. 1,50,000.00 (Rupees one lakh fifty thousand** ly out of the contingency grant of **Rs.1,50,000.00 (Rupees one lakh fifty thousand** ly) sanctioned vide commission letter number F.30-82/2015(SA-II) dated 30.5.2016 in spect of **contingency** has been utilized for the purpose for which it was sanctioned in cordance with the terms and condition laid down by the University Grants mmission.

as result of check or audit objection, some irregularity is noticed at a later stage, action l be taken to refund, adjust or regularized the objected amount.

Deb)
sociate Professor
pt. of Physics
zpur University

(G.A Ahmed)
Head of Dept.
Dept. of Physics
Tezpur University

22/12/16
Finance Officer
Tezpur University
Finance Officer
Tezpur University

Registrar
Tezpur University
Registrar
Tezpur University

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Same (2

FD Diary No. : 1009
Dated : 31.05.2017

UNIVERSITY GRANTS COMMISSION
(SELECTION & AWARDS BUREAU)
BAHADUR SHAH ZAFAR MARG,
NEW DELHI-110002.

F. 30-82/2015 (SA-II)

June, 2017

30 JUN 2017

The Under Secretary (FD-III)
University Grants Commission
Bahadurshah Zafar Marg,
New Delhi – 110002.

Subject: Release of Grants-in–aid to **Tezpur University, Tezpur- 784 028, Assam** in respect of **Dr. Pritam Deb** , Research Awardee, Department of **Physics** towards **Salary & Research Grant** for the year 2015-17 under Plan.

Sir,

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs. 35,64,514/- **(Rupees Thirty Five Lakh Sixty Four Thousand Five Hundred Fourteen Only)** for 1st & 2nd year grant for the year 2015-2017 towards **Salary & Research Grant** to the Registrar, **Tezpur University, Tezpur-784 028, Assam** for the Plan expenditure to be incurred during 2017-18.

Name of the Item (1)	Period (2)	Head of A/c (3)	Grant Now being sanctioned (4)	Grant already sanctioned (5)	Total grant. (Col. 4+Col. 5) (6)
1st year Salary	01.04.2015 to 31.03.2016	3(D) 31 Revenue	Rs. 16,43,359/-	---	Rs. 16,43,359/-
2nd year Salary	01.04.2016 to 31.03.2017		Rs. 17,71,155/-	---	Rs. 17,71,155/-
Research Grant			Rs. 1,50,000/-	Rs. 1,50,000/-	Rs. 3,00,000/-
Total			**Rs. 35,64,514/-**	**Rs. 1,50,000/-**	**Rs. 37,14,514/-**

The sanctioned amount is debitable to **Major Head 3(D) 31 Revenue** and is valid for payment during the financial year 2017-18 only under the scheme of Research Award (SA-II).

The amount of the grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar, **Tezpur University, Tezpur- 784 028, Assam** through Electronic mode as per the following details:

a.	Details (Name & Address) of Account Holder	Registrar, Tezpur University, Tezpur- 784 028, Assam
b.	Account No.	1699695635
c.	Name & Address of Bank Branch	Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784001, Assam
d.	MICR Code	784016002
e.	IFSC Code	CBIN0281346
f.	Type of Account	Saving A/c

The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/ Institution.

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Sanction

FD Diary No. : 271
Dated : 16.05.2016

UNIVERSITY GRANTS COMMISSION
(SELECTION & AWARDS BUREAU)
BAHADUR SHAH ZAFAR MARG,
NEW DELHI-110002.

F. 30-82/2015 (SA-II)

May, 2016

The Under Secretary (FD-III)
University Grants Commission
Bahadurshah Zafar Marg,
New Delhi – 110002.

30 MAY 2016

Subject: Release of Grants-in–aid to **Tezpur University, Tezpur- 784 028, Assam** in respect of **Dr. Pritam Deb** , Research Awardee, Department of **Physics** towards **Research Grant** for the year 2015-2016 under Plan.

Sir,

I am directed to convey the sanction of the University Grants Commission for payment of grant Rs. 1,50,000/- **(Rupees One Lakh Fifty Thousand Only)** as 1st year grant for the year 2015-2016 towards **Research Grant** to the Registrar, **Tezpur University, Tezpur- 784 028, Assam** for the Plan expenditure to be incurred during 2016-17.

Name of the Item (1)	Period (2)	Head of A/c (3)	Grant Now being sanctioned (4)	Grant already sanctioned (5)	Total grant. (Col. 4+Col. 5) (6)
Research Grant	01.04.2015 to 31.03.2016	3(D) (i) 31 Plan	Rs. 1,50,000/-	----	Rs. 1,50,000/-
Total			**Rs. 1,50,000/-**	----	**Rs. 1,50,000/-**

The sanctioned amount is debitable to **Major Head 3(D) (i) 31 Plan** and is valid for payment during the financial year 2016-17 only under the scheme of Research Award.

The amount of the grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar, **Tezpur University, Tezpur- 784 028, Assam** through Electronic mode as per the following details:

a.	Details (Name & Address) of Account Holder	Registrar, Tezpur University, Tezpur- 784 028, Assam
b.	Account No.	1699695635
c.	Name & Address of Bank Branch	Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784001, Assam
d.	MICR Code	784016002
e.	IFSC Code	CBIN0281346
f.	Type of Account	Saving A/c

The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/ Institution.

The University/Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on approved items of expenditure.

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प्रगत संगणन विकास केंद्र
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

संचार एवं सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार
A Scientific Society of the Ministry of Communications and Information Technology, Government of India

सी डैक
CDAC

पुणे विश्वविद्यालय परिसर,
गणेशखिंड, पुणे - 411 007, भारत
Pune University Campus,
Ganeshkhind, Pune 411 007, India.
फ़ोन / Tel: +91-20- 2570 4100,
फैक्स / Fax : +91-20 -2569 4004
www.cdac.in

CORP: R&D: 2015

May 12, 2015

Prof. Mihir K.Chaudhury
Vice Chancellor
Tezpur University
Tezpur – 784028
Assam, India

Subject: Approval of the Project Proposal 'Establishment of State-of-the-art High Performance Computing Infrastructure for Scientific Computing in North-East at Tezpur University, Napaam, Sonitpur, Assam'

Reference: Your letter No/TU/VC/I(1)/2015 dated 14.1. 2015

Dear Prof. Chaudhury,

We are pleased to inform you that the project proposal titled 'Establishment of State-of-the-art High Performance Computing Infrastructure for Scientific Computing in North-East at Tezpur University, Napaam, Sonitpur, Assam' submitted to the C-DAC's North East Steering Committee has been approved (vide Approval Note Ref. No. CORP: R&D: 2015:1020 dated May 8, 2015).

As mentioned in the project proposal, following are the Chief Investigator and Co-Investigators:

1. Shri Ashish Ranjan, C-DAC, Pune – Chief Investigator
2. Shri Deepu C V, C-DAC, Pune – Co-Investigator
3. Prof. Dhruba K. Bhattacharyya, Tezpur University, Assam – Co-Investigator

This is for your kind information.

We are thankful to you for extending your full support to this important national initiative and shall look forward to fruitful association with your University.

P. K. Sinha
Sr. Director (Corporate Strategy and R&D)

Encl: Approval Note dated May 8, 2015

Cc: 1. Prof. Dhruba K. Bhattacharyya, Dean, Tezpur University, Assam
2. Dr. Hemant Darbari, Executive Director, C-DAC, Pune

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

APPROVAL NOTE

CORP: R&D: 2015:1020

May 8, 2015

Subject: Approval of your Project Proposal 'Establishment of State-of-the-art High Performance Computing Infrastructure for Scientific Computing in North-East at Tezpur University, Napaam, Sonitpur, Assam' submitted to North East Steering Committee

Dear Shri Ashish Ranjan,

This has reference to the project proposal 'Establishment of State-of-the-art High Performance Computing Infrastructure for Scientific Computing in North-East at Tezpur University, Napaam, Sonitpur, Assam' submitted to the North East Steering Committee which was reviewed during the meeting held on November 13, 2014.

With reference to the revised proposal received from you on January 19, 2015 and subsequent clarifications provided, we are happy to inform you that your project proposal as per the details given below has been approved.

Title of the Project:	Establishment of State-of-the-art High Performance Computing Infrastructure for Scientific Computing in North-East at Tezpur University, Napaam, Sonitpur, Assam
Chief Investigator:	Shri Ashish Ranjan, C-DAC, Pune
Duration of the Project:	24 Months
Scheduled Start Date of the Project:	May 2015
Scheduled End Date of the Project:	April 2017
Total Project Outlay:	Rs. 122.50 Lakhs

Total Budget Outlay (Rs. in Lakhs):

Particulars	Year 1	Year 2	Total
Capital Equipment & Software (non-recurring)	90.00	0.00	90.00
Consumable stores (incl., maintenance, books etc.)	2.00	1.00	3.00
Manpower	9.76	10.74	20.50
Travel (Internal)	3.00	2.00	5.00
Training & Workshop	2.00	2.00	4.00
Total	**106.76**	**15.74**	**122.50**

We request your highest degree of commitment and dedication to ensure that the project meets all its deliverables well in time and make a significant contribution to the development of North East Region. The guidelines and terms & conditions for the execution of the project are enclosed in Annexure A and B respectively. Please go through the same and ensure they are followed.

We request you to send the acknowledgement of this Approval Note countersigned by the Chief Investigator and the Centre Head to the Corporate Office, at the earliest.

This has approval of the Competent Authority.

With regards,

P. Sinha

Pradeep K.Sinha
Sr. Director (Corporate Strategy and R&D)

To: Chief Investigator

CC: 1. Executive Director, C-DAC, Pune
2. North East Steering Committee

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CDAC

Annexure A

Guidelines for the Execution of the Project

- With this Approval Note, we will be releasing the first installment of your Project Outlay.

- The schedule of the project and its timely and successful execution is extremely important and Chief Investigators shall adhere to the same.

- The Steering Committee will call for regular review of the project, normally every three months. You are expected to present a report on the progress of the project vis-à-vis the deliverables and proposed timeline at the time of every review, including financial status.

- Depending on the project requirements, progress of the project and utilization certificate for the released funds, further funds will be released.

- Chief Investigator shall provide a brief progress report (maximum one page) of the project to the Member Convener of Steering Committee (currently, Mr. Anant Kelkar – anantk@cdac.in) by 25th of every month.

- As you are aware the Central Government is attaching high priority to the development of North East Region, successful execution and implementation of the project will make a visible impact.

- If there are any hindrances or issues in timely and effective execution of the project, please bring them to the attention of the Steering Committee as soon as possible; this will help us to look at remedial action before it is too late.

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

APPROVAL NOTE

CORP: R&D: 2015:1017

May 8, 2015

Subject: Approval of your Project Proposal "Implementation of Distributed Honeynet System at NE to collect, distribute and analyze live cyber-attack data" submitted to North East Steering Committee

Dear Shri D.K.Jain,

This has reference to the project proposal "Implementation of Distributed Honeynet System at NE to collect, distribute and analyze live cyber-attack data" submitted to the North East Steering Committee which was reviewed during the meeting held on November 13, 2014.

With reference to the revised proposal received from you on March 27, 2015 and subsequent clarifications provided, we are happy to inform you that your project proposal as per the details given below has been approved.

Title of the Project:	Implementation of Distributed Honeynet System at N.E to collect, distribute and analyze live cyber-attack data
Chief Investigator:	Shri D.K Jain, Director, C-DAC, Mohali
Duration of the Project:	36 Months
Scheduled Start Date of the Project:	May 2015
Scheduled End Date of the Project:	April 2018
Total Project Outlay:	Rs. 181.24 Lakhs
C-DAC Contribution:	Rs. 181.24 Lakhs

To
The
Dean/R&D
For information &
n/a pl.

Sharma 10/12/15
Dr. Nityananda Sarma
Professor, CSE
CoPI from participating institute

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Total Project Outlay:

S. No.	Head	1st Year	II nd Year	III rd Year	Total
1	Capital Equipment & Software(non-recurring)	38	0	0	38
2	Consumable stores (incl.. maintenance. books etc.)+ Internet bandwidth	9	9	9	27
3	Manpower (CDAC Mohali. Kolkata. Silchar. Tezpur University)	27.6	30.36	33.396	91.356
4	Travel (Internal) & Training	6	4.7	4.7	15.4
5	Overheads	4.515	2.409	2.5674	9.4914
	Total	85.115	46.469	49.6634	181.2474

We request your highest degree of commitment and dedication to ensure that the project meets all its deliverables well in time and make a significant contribution to the development of North East Region. The guidelines and terms & conditions for the execution of the project are enclosed in Annexure A and B respectively. Please go through the same and ensure they are followed.

We request you to send the acknowledgement of this Approval Note countersigned by the Chief Investigator & Executive Director to the Corporate Office, at the earliest.

This has approval of the Competent Authority.

With regards,

P. Sinha

Pradeep K.Sinha
Sr. Director (Corporate Strategy and R&D)

To: Chief Investigator

CC: 1. Director, C-DAC, Mohali
2. North East Steering Committee

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CDAC

Annexure A

Guidelines for the Execution of the Project

- With this Approval Note, we will be releasing the first installment of your Project Outlay.

- The schedule of the project and its timely and successful execution is extremely important and Chief Investigators shall adhere to the same.

- The Steering Committee will call for regular review of the project, normally every three months. You are expected to present a report on the progress of the project vis-à-vis the deliverables and proposed timeline at the time of every review, including financial status.

- Depending on the project requirements, progress of the project and utilization certificate for the released funds, further funds will be released.

- Chief Investigator shall provide a brief progress report (maximum one page) of the project to the Member Convener of Steering Committee (currently, Mr. Anant Kelkar – anantk@cdac.in) by 25th of every month.

- As you are aware the Central Government is attaching high priority to the development of North East Region, successful execution and implementation of the project will make a visible impact.

- If there are any hindrances or issues in timely and effective execution of the project, please bring them to the attention of the Steering Committee as soon as possible; this will help us to look at remedial action before it is too late.

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4037
18/6/15

Office of the Registrar
Receipt No. 1425
Date 17/6/15
Received by

Dr Rachna Jain
Director (RPR)
Tel # 011-26716694
E-mail: rpr@icssr.org

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

F.No. 02/80/2015-16/ICSSR/RPR

Dated: 20-05-2015

Dear Dr Goswami,

We are happy to inform you that ICSSR has considered your research project proposal entitled "Women and Trafficking: A Study of the Border Areas of Sonitpur District of Assam" and approved a grant-in-aid of **Rs. 15 lakh** with duration of **24 Months** for the study.

Before we issue a formal sanction order, you are requested to communicate the **probable date of commencement of the project*** and also enter into an **agreement with the ICSSR** on a non-judicial stamp paper of Rs. 100/- (copy attached) and Grant-in-aid of **Rs. 6 lakh** as first instalment of the total grant of **Rs. 15 lakh.** Kindly sent all the desired documents to the undersigned to enable us to issue the formal sanction order.

With regards,

Yours sincerely,

(Rachna Jain)

Dr. Madhurima Goswami, Head,
Chandraprabha Saikani Centre for Women's Studies
Tezpur University, Napaam, Pin – 784028, Assam

Copy to:

Registrar,
Tezpur University, Napaam, Pin – 784028
Assam

(Rachna Jain)

* The first instalment will be released in the month of **Sept 2015** and the date of commencement should be stated accordingly.

Encl: as above

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Office of the Registrar
Receipt No. 3567
Date 6.10.15

Deolia
Documentation Officer I/c (RPR)
26716690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
Aruna Asaf Ali Marg, New Delhi – 110067
EPABX: 26741849-51 Fax: 91-11-26741836
rpr@icssr.org

F.No. 02-80/2015-16/RPR

Dated: 07.09.2015

The Registrar
Tezpur University,
Napaam, Tezpur -784028
Assam

Subject: Responsive Research Project entitled 'Women and Trafficking: A Study of the Border Areas of Sonitpur District of Assam'.

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Madhurima Goswami.

2. I am happy to inform that the ICSSR has sanctioned a grant-in-aid of Rs. 15,00,000/- (Rupees fifteen lakh only) for the above research project and the grant will be released as follows:

First Installment:	Rs.	6,00,000/-
Second Installment:	Rs.	6,00,000/-
Final Installment:	Rs.	3,00,000/-
Total	**Rs.**	**15,00,000/-**

* The break-up budget approved by the ICSSR of Rs. 15.00 lakh is enclosed.

Cont'd...2/

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3. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

4. In case, the study involves survey research, the finalized schedules/ questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

5. The second installment would be released on receipt of the **12 monthly** progress report on the project to be submitted by the Project Director in the prescribed format (enclosed) and simple statement of expenditure duly certified by the affiliating institution.

6. The Final installment will be released only after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:

a) The final Report on the research project (in duplicate) in a publishable form.

b) A short summary of the project report in duplicate in 2,000-5,000 words.

c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.

d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.

e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.

7. The Director of the research project will be **Dr. Madhurima Goswami.** Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **3rd August 2015** as intimated by the scholar.

8. In case, the Project Director does not submit the periodic/final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

Cont'd...3/

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NO. SB/FT/CS-048/2014
SCIENCE AND ENGINEERING RESEARCH B

5 & 5A, Lower Ground Floor,
Vasant Square Mall,
Plot No. A, Community Centre,
Sector -5, Pocket -5,
Vasant Kunj,
New Delhi-110070

Dated:16.06.2015

ORDER

Subject: - Financial Sanction of the research project entitled "Development of hybrid Catalysts for oxygen reduction reaction" under the guidance of Dr.Pankaj Bharali, Assistant Professor, Department of Chemical Sciences, Tejpur University, Tezpur -784028.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2949600/- (Rupees Twenty Nine Lakh Fourty Nine Thousand Six Hundred Only)** with break-up of Rs. **1150000/- (Rupees Eleven Lakh Fifty Thousand Only)** under **Non-Recurring** and **Rs. 1799600/- (Rupees Seventeen Lakh Ninety Nine Thousand Six Hundred Only)** under **Recurring** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2949600/-** has been approved for a period of three years, are given below:-

Sr. No.	HEAD	TOTAL (In Rs.)
A	**Non-Recurring**	
1	**Equipment:** Electrochemical Work Station with Rotating Disk Electrode system, Gas Cylinders (N2 - 1 Nos., O2 - 1 Nos., H2 - 1Nos) , Vacuum Oven - 1 Nos.	1150000
A'	**Total (Non-Recurring)**	1150000
B	**Recurring Items**	
1	**Recurring- A : (Manpower, Consumables, Travel(Domestic), Contingencies)**	1499600
2	**Recurring- B: (Overhead Charges)**	300000
B'	**Total (Recurring)**	1799600
C	**Total Cost of the Project (A'+B')**	2949600

2. Sanction of the SERB is also accorded to the payment of **Rs.1150000/- (Rupees Rupees Eleven Lakh Fifty Thousand Only)** *under* **'Non-Recurring'** *and* **Rs. 600000/- (Rupees Six Lakh Only)** *under* **'Recurring'** being the grant for the year **2015-16** for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) (Non-Recurring & Recurring).** This release is being made under **Start-Up Research Grant (Young Scientists)-CHEMICAL SCIENCES.**

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/1293/2015-16. Dated: 13.06.2015**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head **Recurring-A**, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. The total release amount of **Rs. 1750000/- (Rupees Seventeen Lakh Fifty Thousand Only**)will be drawn by the **Finance & Budget Officer of the SERB** and will be disbursed by means of

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Account Name	**Registrar**
Account Number	**32988673022**
Bank Name & Branch Address	**State bank Of India, Tezpur Branch, Lake Road,TezPur, Sonitpur, Assam-784001**
IFSC/RTGS Code	**SBIN0000195**
PI's Email ID	***pankajb@tezu.ernet.in***

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per Rule 211 GFR, the accounts of the project shall be open to inspection by sanctioning authority / audit whenever the Institute is called upon to do so.

11. The institute will furnish to the SERB, Separate Utilization Certificates for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. The unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi, after completion/termination of the project.

(R. K. Joshi)
Scientist D

To,
Finance & Budget officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	**Dr.Pankaj Bharali,** **Assistant Professor,** **Department of Chemical Sciences,** **Tejpur University,** **,Tezpur-784028 (Assam)** *(For guidance, terms & conditions etc. Please visit www.serb.gov.in. Please intimate the start date by post)*
5.	**The Registrar,** **Tejpur University,** **Tezpur-784028 (Assam)** *(Kindly send receipt of the grant by post)*

(R.K. Joshi)
Scientist D

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UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

FD Diary No. - 5
Dated - 0[illegible].07.2

Dated : August, 2[illegible]

MRP-MAJOR-BIOT-2013-36633
(GENERAL)

[illegible] (SK)

[illegible] (FDRH),
[illegible] Commission,
[illegible] Zafar Marg,
[illegible]

Sub : Release of Grants-in-aid to **Tezpur University, Napaam, Tezpur - 784028 Dist: Sonitpur, Assam (India).** for the year 2015-16 under Plan in respect of Major Research Project entitled "**Role.....diabetes** " awarded to Dr. SUMAN BASGUPTA , **Department of Molecular Biology and Biotechnology** . Tenure of project for 3 year(s) w.e.f 01/07/2015

I convey the approval sanction of the University Grants Commission for payment of grant of **Rs. 8,52,500/-** (Rupees [illegible] FIFTY TWO **THOUSAND FIVE HUNDRED ONLY**) as **1st instalment** for the years **2015-16** towards Major Research to the **REGISTRAR , Tezpur University, Napaam, Tezpur - 784028 Dist: Sonitpur, Assam (India).** for the Plan expenditure during 2015-16

	Head of Account	Amount Approved(Rs.)	Grant being Released as 1st Installment(Rs.)	Grant Already Released(Rs.)	Total Grant(Rs.)
curring					
Journals	3(D).35	Rs. 0/-	Rs. 0/-		Rs. 0/-
nt		Rs. 2,92,000/-	Rs. 2,92,000/-		Rs. 2,92,000/-
e					
to Retd. Teacher @ Rs. p.m		Rs. 0/-	Rs. 0/-		Rs. 0/-
Fellow (Non-Gate/Non Rs. 14,000/- p.m Fellow (GPAT) @ Rs. 16,000/ Year(s)		Rs. 6,00,000/-	Rs. 3,00,000/-	-	Rs. 3,00,000/-
Glassware/Consumable rial & Packaging	3(D).31	Rs. 4,00,000/-	Rs. 2,00,000/-		Rs. 2,00,000/-
		Rs. 50,000/-	Rs. 25,000/-	-	Rs. 25,000/-
ices		Rs. 0/-	Rs. 0/-	-	Rs. 0/-
ld Work		Rs. 50,000/-	Rs. 25,000/-	-	Rs. 25,000/-
		Rs. 0/-	Rs. 0/-		Rs. 0/-
Charges 10% of approved ant (Except Travel &		Rs. 10,500/-	Rs. 10,500/-	-	Rs. 10,500/-
B)		Rs. 14,02,500/-	Rs. 8,52,500/-		Rs. 8,52,500/-

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the sanctioned amount is debitable to the Major Head 3(D).31 Rs. 5,60,500/- & Head 3(D).35 Rs. 2,02,0
as is valid for payment during financial year 2015-16
the amount of the Grant shall be drawn by the Under Secretary (Drawing and Distributing Officer), Univer
Grants Commission on the Grants-in-aid Bill and shall be disbursed to and credited to the REGISTRA
Tezpur University, Napaam, Tezpur - 784028 Dist: Sonitpur, Assam (India). through Electronic mod
as the following details

	Payment Details	
(a)	Bank Name & Address of Branch	State Bank of India, Main Branch, Tezpur Lake Road, Tezpur, Tezpur, Sonitpur, Assam
(b)	Account No	32988673022
(c)	Type of Account (SB/Current/Cash Credit)	CURRENT
(d)	IFSC Code	SBIN0000195
(e)	MICR Code of Branch	784002002
(f)	Whether Bank Branch is RTGS or NEFT enabled? :	Yes (RTGS/NEFT/Both)
(g)	Name & Address of Account Holder	Registrar, Tezpur University, Napaam, Tezpur Assam-784028

The Grant is subject to the adjustment of the basis of Utilization Certificate in the prescribed performa submitt
by the University/Colleges/Institution.
The University/College/institution shall maintain proper accounts of the expenditure out of the grants wh
shall be utilized only on approved items of expenditure.
The University/institution may follow the General Financial Rules, 2005 and take Urgent necessary action
amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't ha
their own approved manuals on financial procedures may adopt the provisions of GFR's 2005 a
instructions/guideline there under from time to time
The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has be
sanctioned shall be furnished to the University Grants Commission as early as possible after the close of t
current financial year.
The assets acquired wholly or substantially out of University Grant Commission's grant shall not be disposed
encumbered of utilized for the purposes other than those for which the grant was given, without prop
sanctioned of the University Grants Commission and should, at any time the College/University ceased
function such assets shall revert to the University Grants Commission.
A register of assets acquired wholly or substantially out of the grant shall be maintained by t
University/College in the prescribed proforma
The grantee institution shall ensure the utilization of grant-in-aid for which it is being **sanction/paid**. In eve
non-utilization/part utilization, thereof simple interest *(a)* 10% per annum as amended from time to time
unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financ
Rules of Govt of India will be charged
The University/College/Institute shall follow strictly the Government of India / University Grants Commissio
guidelines regarding implementation of the reservation policy **[both vertical (for SC, ST & OBC)** an
horizontal **(for persons with disability etc.)]** in teaching and non-teaching posts
The University/College shall fully implement the Official Language Policy of Union Govt. and comply with th
Official Language Act, 1963 and Official Languages (Use for Official purposes of the Union) Rules, 1976 etc
The sanction is issued in exercise of the delegation of powers vide University Grants Commission Office Orde
No. 69/2014 F.No.10-11/12 (Admn. IA & B) dated 26/03/2014.
The University/Institution shall strictly follow the University Grants Commission Regulations on curbing th
menace of Ragging in Higher Educational Institutions, 2009.
The University/Institution shall take immediate action for its accreditation by National Assessment a
Accreditation Council (NAAC).
The accounts of the University/Institution will be open for audit by the Comptroller & Auditor General of Indi
in accordance with the provisions of General Financial Rules, 2005.
The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts an
payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by

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...ceived from the ISEC K that the funds are available under the scheme. Entered in BCR at S No. 13 [illegible]

...funds to the extent of Rs.

2015-16 ..... Crores are available under the scheme of BE/RE of the ...

This issue with the concurrence of IFD Vide No. Diary No. 10946 Dated, 10.03.2015

This issue with the approval of the Chairman, (UGC) Vide Diary No. 28731 Dated 30.04.2015

Yours faithfully,

(G S ALI AKI)
Under Secretary

Copy forwarded for information and necessary action to :-

The REGISTRAR , Tezpur University, Napaam, Tezpur - 784028 Dist: Sonitpur, Assam (India). .
Office of the Director General of Audit, Central Revenues, A.G.C.R. Building, I.P. Estate, New Delhi
Accountant General, Govt of State, Assam .
Dr. Dr. SUMAN DASGUPTA , Principal Investigator, Department of Molecular Biology and Biotechnology Tezpur University, Napaam, Tezpur - 784028 Dist: Sonitpur, Assam (India). .

(ARUN KUMAR SINHA)
SECTION OFFICER

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(20)

NO *SB/EMEQ-463/2014*

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

Dated 06-07-2015

ORDER

Subject: Financial Sanction of the research project titled ***"Designing of Reusable Chiral Transition Metal Catalyst for Asymmetric Synthesis."*** under the guidance of **Dr. Kusum Kumar Bania, Department of Chemical Sciences, Tezpur University, Napaam- 784028.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs.39,00,000/-(Rupees Thirty nine lakh only)** with break-up of **Rs.8,00,000/- under Non-Recurring head** and **Rs.31,00,000/- under Recurring head** for a duration of **4 years**. The items of expenditure for which the total allocation of **Rs.39,00,000/-** has been approved for a period of **4 years**, are given below:

Sl. No	Head	Total (in Rs.)
A	**Non-recurring Items**	
	Equipment 1.Cyclic voltammetry 2.Microware Reactor	8,00,000/-
A'	**Total (Non-Recurring)**	**8,00,000/-**
B	**Recurring Items**	
	Recurring –A [Manpower -One; Consumables; National Travels; Contingencies]	26,00,000/-
2.	Recurring –B Overhead Charges	5,00,000/-
B'	Total (Recurring)	**31,00,000/-**
C	**Total cost of the project (A' + B')**	**39,00,000/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs.8,00,000/-(Rupees Eight lakh only) under "Non-Recurring"** and **Rs.6,00,000/-(Rupees Six lakh only) under "Recurring"** being the grant for the year 2015-16, for implementation of the above said research project.

3. The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-SC)"**. This release is made under ***"Empowerment and Equity Opportunities for Excellence in Science" program.***

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, **SERB/F/ 1776 /2015-16 dated 01.07.2015.**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in**.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

Cont.2/-

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8. The total release amount of **Rs.14,00,000/- (Rupees Fourteen lakh only)** will be drawn by the **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Tezpur University R&D**
Account Number	**32988673022**
Bank Name & Branch	**State Bank of India, Main Branch Tezpur**
IFSC/RTGS Code	**SBIN0000195**

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Separate Utilization Certificates for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

13. The sanctioned equipment would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(AMITAVA ROY)
SCIENTIST-F

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr.Kusum Kumar Bania**
   Department of Chemical Sciences
   Tezpur University
   Napaam- 784028
   Mail id: kusum@tezu.ernet.in

5. **The Registrar**
   Tezpur University
   Napaam- 784028

(AMITAVA ROY)
SCIENTIST-F

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Receipt No. 2017
Date 21.8.15
Received by
DST/INT/UK/P-91/2014

Government of India
Department of Science & Technology
(International Division)

Serial No. 4111
Date of Receipt 25/8/15
File No.

Date: 27/7/15

ORDER

Subject: Implementation of DST-UKIERI joint Project entitled: *"BCI as an Intelligent Sensor: BCI Integrated Collaborative Control of a Cognitively Enhanced Smart Wheelchair"* coordinated by **Prof. Shyamanta M. Hazarika**, School of Engineering, Tezpur University, Tezpur-784028, Assam, India with his British counterpart **Prof. John Gan**, School of Computer Science and Electronic Engineering, University of Essex, Colchester CO4 3SQ, UK.

Sanction of the President is hereby accorded for DST-UKIERI joint Project entitled: *"BCI as an Intelligent Sensor: BCI Integrated Collaborative Control of a Cognitively Enhanced Smart Wheelchair"* under the MoU with UKIERI at a total cost of **Rs.10,48,000/- (Rupees ten lakh forty eight only)** for a period of two years as under:-

Item of Expenditure	Amount		
	First year	Second year	Total
1. **Project cost/Consumables**	Rs 25,000	Rs 10,000	Rs 35,000
2. **Mobility of scientists** (two visits in first year and one in second year)			
• For visit of Indian scientists to UK	Rs 1,68,000	Rs 84,000	Rs 2,52,000
• For visit of UK Scientists to India (as calculated below in para 7 below)	Rs 1,44,000	Rs 72,000	Rs 2,16,000
3. **Contingency**	Rs 30,000	Rs 20,000	Rs 50,000
4. **Manpower – JRF-1 @ Rs 25000+10% HRA** (for 18 months)	Rs 3,30,000	Rs 1,65,000	Rs 4,95,000
Year wise Cost	Rs 6,97,000	Rs 3,51,000	
Total cost	**Rs.10,48,000/-**		

Sanction of the President is hereby accorded for release of 1st installment **Rs.6,97,000/- (Rupees Six lakh ninety seven thousand only)** to Tezpur University, Tezpur-784028, Assam.

3. DDO DST shall draw an amount of **Rs.6,97,000/- (Rupees Six lakh ninety seven thousand only)** from PAO DST and shall arrange to disburse the same by means of electronic transfer (E-transfer) in favour of the Registrar, Tezpur University, Tezpur-784028, Assam, India as details given below:-

Account Holders name/ designation	Registrar, Tezpur University
Name of Bank	State Bank of India
Bank Branch	Tezpur-784028, Assam, India
Bank Account Number	32988673022
IFSC Code	SBIN0000195
MICR Code	784002002
E-Mail	resitrartu@tezu.ernet.in

4. The expenditure involved is debitable to:-
(i) Demand No. 86-Department of Science and Technology
(ii) Major Head-3425 B-Other Scientific Research
(iii) 60 others - Minor Head 60.798 International Co-operation S&T Co-operation with other Countries
(iv) 12.00.31 Grants-in-aid during the current financial year 2015-16 (PLAN).

5. The Project will be coordinated by **Prof. Shyamanta M. Hazarika**, School of Engineering, Tezpur University, Tezpur-784028, Assam, India with his British counterpart Prof. John Gan, School of Computer Science and Electronic Engineering, University of Essex, Colchester CO4 3SQ, UK and will be presumed to commence from the date of issue of this sanction.

H. Das.
For nra and issue of registration no.
Archana 25/8/15 i/c

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6. **Prof. Shyamanta M. Hazarika**, School of Engineering, Tezpur University, Tezpur-784028, Assam, India is required to submit technical progress report periodically (at least once in six months) and a final report at the end of project.

7. As and when required, proposal for a visit under the project should be sent to DST at least six weeks prior to the initiation of the visit. The grant for exchange visit is to be operated subject to the condition that the prior approval of this Department would be obtained on all project related visits to be undertaken by the scientists from either side in connection with the implementation of the project on a case to case basis before any expenditure is incurred in this regard. Break up for proposed expenditure on each exchange visit will be calculated broadly as below:

a) Break up of expenditure on each visit of Indian Scientists visiting collaborative Institute is calculated broadly as below:

1) International Fare Tezpur-Essex-Tezpur By excursion economy class	Rs 70,000
2) Medical Insurance (Silver class)	Rs 4,000
3) Domestic Travel related to visit	Rs 2,000
4) Visa Fee (as per actuals)	Rs 8,000
Total:	Rs 84,000

b) Break up of expenditure on each visit of UK scientists and project staff visiting the Indian collaborative Institute (for an average duration of two weeks):

I. Per diem@ Rs 2500 *14 days	Rs 35,000
II. Accommodation @ Rs 2500 *14 days	Rs 35,000
III. Local Transport	Rs 2,000
Total:	Rs 72,000

8. Local hospitality including cost for the stay of Indian scientists in UK for the total duration is to be met by the receiving side as per the provision of MoU between Department of Science & Technology and UK.

9. "The institute will maintain separate audited accounts for the project and the **amount of grant will be kept in a bank account earning interest**. The interest earned should be reported to DST while submitted the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant".

10. It must be ensured that the final statement of expenditure, utilization certificate and project completion report is submitted within one year after the scheduled dated of completion of the project.

11. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

12. No re-appropriation will be allowed from one item/sub head of expenditure to another item sub head of expenditure and copies of claims may be called by DST if required. This sanction order has been issued in current financial year 2015-16 and is valid up to 31-03-16 only. For incurring any expenditure in next financial year (2016-17) PI should apply to DST for carry forward of unspent balance to 2016-17 during April 2016 for seeking carry forward approval/sanction order. Indian Project coordinator should furnish the requisite utilization certificate immediately at the end of the each financial year (ending 31st March) along with the audited statement of expenditure and progress report.

13. The account of the grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institution is called upon to do so, as laid down under Rule 211 (i) of General Financial Rules.

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14. This issues under the power delegated to this Departments and with the concurrence of the Director IFD vide Dy No.C/2145/IFD/2015-16 dated:23/07/2015.

15. This sanction order has been noted at Sl. No. 261 in Grant register.

16. No UC/SE is due from, Tezpur University, Tezpur-784028, Assam, India, against this project

(S.K.Varshney)
Scientist "G"

To,

The Pay & Accounts Officer, Department of Science & Technology, New Delhi-110016

Copy to:

1) Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2) Cash Section (3 copies), DST
3) I.F. Division/Accounts Section, DST
4) Sanction Folder
5) **Prof. Shyamanta M. Hazarika**, School of Engineering, Tezpur University, Tezpur-784028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
6) Registrar Tezpur University, Tezpur-784028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
7) Finance Officer, Tezpur University, Tezpur-784028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
8) Director, Tezpur University, Tezpur-784028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
9) Project File

(S.K.Varshney)
Scientist "G"

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Office of the Registrar
Receipt No. 3642
Date
Received by 6.10.15

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Debanik Roy
Programme Officer (NRFCC)

BRNS Secretariat, 1st Floor, CC, BARC, Trombay,
Mumbai-400085. Phone: 2225593946
Fax: 2225593946
Email: deroy@barc.gov.in

No: 36(4)/14/44/2015-BRNS 10927 Date: 03/08/2015

10 SEP 2015

OFFICE MEMORANDUM

Sub: **R/P entitled "Spatial distribution of uranium and associated water quality parameters in 6 districts of (Golaghat, Karbi Anglong, Udalguri, Darrang, Dhemaji, Dibrugarh and Tinsukia) Assam" under Dr. Manish Kumar, Department of Environmental Sciences, Tezpur University, Napaam,Sonitpur, Assam 784 028 bearing sanction 36(4)/14/44/2015-BRNS with NRFCC, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am directed to convey the administrative approval and sanction of the President of India for the captioned project for the 2 years beginning from financial year 2015-2016 with a total grant of Rs. 31,54,300/- (Rupees thirty one lakh fifty four thousand three hundred only) for the project as under :

Item of expenditure	**Year 1 (2015-2016)**	**Year 2 (2016-2017)**
Equipments	1250000	0
Staff Salary - JRF (1)	300000	300000
Technical Assistance	96000	96000
Consumables	80000	80000
Travel - PI	240000	240000
Contingencies	35000	35000
Overheads	147450	53700
Total(INR)	**2148450**	**804700**

Note: * GPS, Laser / LED fluorimeter, Radiation survey meter, Water quality sensors
JRF salary calculated @25,000/- p.m. for first two years and on redesignation by committee on in third year as SRF @ 28,000/- p.m. RA salary calculated @ 36,000/- p.m.
Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 2,01,150/-) shall be released only on meeting the requirements specified (See Annex-B).

2. I am also directed to convey the sanction of the President of India to incur an expenditure of **Rs.21,48,450/-** towards grant for the year 2015-2016 .

3. The expenditure involved is debitable to:

Grant No.	- 04	Atomic Energy	Major Head	- 3401	Atomic Energy Research
Minor Head	- 00 004	Research & Development	Detailed Head	- 08 0231	Grant-in-aid
Sub Head	- 08 02	Board of Research in Nuclear Sciences (BRNS)			

4. This issues with the concurrence of Scientific Secretary, BRNS and IFA.

Debanik Roy
Dr. Debanik Roy

Pay & Accounts Officer,
Department of Atomic Energy,
Anushakti Bhavan, CSM Marg, Mumbai-400 001.

Copy forwarded to:

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1. Director of Audit, Scientific Department, AEAP, OYC, CSM Marg, Mumbai-400 001.
2. Joint Secretary (R&D), DAE, Anushakti Bhavan, CSM Marg, Mumbai-400 001.
3. The Registrar, Department of Environmental Sciences, Tezpur University, Napaam, Sonitpur, Assam 784 028.
4. Principal Investigator(PI): Dr. Manish Kumar, Department of Environmental Sciences, Tezpur University, Napaam, Sonitpur, Assam 784 028.

A. First year grant is being released in full along with this Sanction Letter through Pay & Accounts Officer, Department of Atomic Energy, Anushakti Bhavan, CSM Marg, Mumbai-400 001 directly. You may await a Money transfer (MT) through ECS and The amount would be credited electronically to A/C No: 32988673022, A/C Name: Tezpur University R & D, IFSC: SBIN0000195, State Bank of India, Main Branch, Tezpur .

i) Acceptance of this sanction and the MT for the amount sanctioned for the first financial year may please be acknowledged (Form-I).

ii) THIS SANCTION IS FURTHER SUBJECT TO THE CONDITIONS STIPULATED IN ANNEX (ENCLOSED), WHICH MAY BE GONE THROUGH CAREFULLY.

B. Second year Sanction Letter will be issued automatically in the month of April/May of the 2nd financial year, however, the grant will be released (unspent balance of previous year and Interest earned will be adjusted) after the PI submits the following documents to the Programme Officer NRFCC:

a) Claim in Form-II quoting the reference of the sanction issued for the first year.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year should be updated on the website. Interest earned in previous year should be reflected in the Statement of Accounts. A printout of the same should be sent to BRNS after it is duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee, should be uploaded in a single pdf file under the file head "Staff Appointment Details". In addition, the details of the appointed staff should also be updated in the available menu.

e) The inventory of equipment also should be updated in the menu, besides uploading the purchase order of the items costing more than 1 Lakh.

f) A One Page report on the progress of work during first year.

C. Third and subsequent years (if any) the Sanction Letter and the grant will be released on fulfillment of the following requirements:

i) Renewal/ Extension Application: Principal Investigator (PI) is required to upload by January 15 a pdf copy of duly signed renewal/ extension application in the prescribed form-(PRA) after logging into his/her account at www.daebrns.gov.in. All applications received shall be examined by experts from the field and PIs may be invited to a Technical Programme Discussion Meeting (TPDM). Renewal of the project will be based on the recommendations of the TPDM, Advisory Committee and the Board.

ii) Sanction Letter: If the progress is found to be satisfactory the renewal sanction for the year will be issued in the beginning of that financial year in April/May.

iii) Claim: On receipt of the renewal sanction, the PI shall claim the funds sanctioned by submitting the following documents to Programme Officer NRFCC, BRNS Secretariat, First FLoor, Central Complex, BARC, Trombay, Mumbai-400 085:

a) Claim in Form-II quoting reference of the renewal sanction.

b) Utilisation Certificate (UC) as on 31st March of the preceding financial year in Form-III duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant. should be reflected in the Statement of Accounts.

c) Statement of Accounts (SA) as on 31st March of the preceding financial year including the amount of Interest earned in previous year and duly audited by the Internal Auditor of the University/ Institution or a Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

a) Claim Form-II if any,

b) The final Consolidated Statement of Accounts and Consolidated Utilization Certificate duly audited by a Chartered Accountant or the Statutory (Govt.) Auditor.

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c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Bills II), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (NRFCC) : Dr. Vivekanand Kain, vivkain@barc.gov.in; Ph:2225595067
7. Co-Investigator (CI) : Dr. Amit Prakash, Department of Environmental Sciences Tezpur University, Napaam, Sonitpur, Assa,-784 028
8. Principal Co-ordinator(DC)/PC : Dr.V.N. Jha, ESL, HPD, Jaduguda.
9. Member Secretary(TSC-4), NRFCC: Dr. A. Vinod Kumar, RSSD, BARC, Mumbai-400 085

You or your nominee may please be the DAE representative for selection of Research Fellow/ Research
Associate for the project.

Debanik Roy

Dr. Debanik Roy

Note:

1. Please quote the Sanction Number 36(4)/14/44/2015-BRNS in all your correspondence with BRNS
2. In case if you do not receive payment within a month period then please contact AAO (Bills II),DAE on 022-22862711.
3. WEB-BASED PROCESSING of funding requests pertaining to new/renewal/terminal/extension of research projects has been initiated through the BRNS web portal at www.daebrns.gov.in. You are requested to register with this website and upload renewal/extension forms and update the financial documents (SA,UC). You would be able to download sanction letters from the website also, besides getting real-time update of your project after login. Those who have already been registered by BRNS Secretariat, they may kindly update their profile, as some of the data has been filled arbitrarily. All the forms mentioned in the sanction letter and the terms & conditions are also available on the website. Kindly update Statement of Accounts, and details of Equipment and staff details in your accounts in the available menu.

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Fwd: approved one year extension-documents to be submitted-Re: Fwd: Regarding the extension of the project

Inbox x

Amit Prakash

Jan 29 (4 days ago)

to me

Do the needful
---------- Forwarded message ----------
From: <avkumar@barc.gov.in>
Date: Sun, Jan 28, 2018 at 10:14 AM
Subject: approved one year extension-documents to be submitted-Re: Fwd: Regarding the extension of the project
To: Amit Prakash <amitprakash.amit@gmail.com>
Cc: Sunil Kumar Sahoo <sksbarc@gmail.com>, deroy@barc.gov.in, Vivekanand Jha <jhavn1971@gmail.com>

Dear Dr. Amit Prakash,
For satisfactory completion of project, the tenure is extended for one year i.e. upto March 31, 2019, without any additional grants.

The unspent balance available in the project is allowed to be carried forward for utilisation in financial year 2018-19.

You are requested to submit hard copy to BRNS (and also also upload on BRNS web page) of
1. Duly signed request letter for extension of project duration
2. Duly signed progress report.
3. Duly audited Utility certificate (UC) and statement of accounts (SA) and other documents (as given in the project approval letter (can be seen in the brns web page also), like JRF recruitment letter, equipment purchase details etc. to BRNS. HRA claim of JRF etc, if any.
4. UC and SA has be submitted for every year starting from project grant receipt as on March 31 of every year.

BRNS will issue official extension letter, based on the submission.

With best wishes,
A. Vinod Kumar
Member Secretary, TSC-4, NRFCC, BRNS

> ---------- Forwarded message ----------
> From: Amit Prakash <amitprakash.amit@gmail.com>
> Date: Thu, Jan 25, 2018 at 1:11 PM
> Subject: Regarding the extension of the project
> To: Vivekanand Jha <jhavn1971@gmail.com>
>
>
> Dear Sir,
> As per our record, the date of completion of the project entitled "
> Spatial
> Distribution of uranium and associated water qaulity parameters in 6
> districts of (Golaghat, karbiAnglong, Udalguri, Darrang, Dhemaji,

Amitprakash 2/2/2018

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Ref. No. TU/EVS/AP/BRNS/CR/2018-001

262
Date of Receipt: 05.02.2018
File No... Dean R&D
Received by. ....

To,

Dean Research & Development

Tezpur University

Date:2nd February 2018

Subject: Extension of the project (MO: No. 36(4)/14/44/2015-BRNS) entitled "Spatial Distribution of Uranium and associated water quality parameters in 6 districts of (Golaghat, KarbiAnglong, Udalguri, Darrang, Dhemaji, Dibrugarh, and Tinsukia) Assam.

Sir,

The aforementioned project is scheduled to be completed by 31st March, 2018. Upon request to the funding agency, the duration of theproject has been extended till 31st March, 2019 (copy of email received from Dr. A. V. Kumar [Member Secretory, BRNS] attached). This is for your kind information please. Copy of the email has already been forwarded to deanrnd@tezu.ernet.in.

Thanking You.

Yours Sincerely

Dr. Amit Prakash 2/2/2018.

Assistant professor & PI
Dept. of Environmental Science
Tezpur University

SD/ FC 5/2 05/2/2018

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Government of India
Department of Science & Technology
(International Division)

NT/RUS/RFBR/P-189

Date: 5/8/15

ORDER

Subject: Implementation of DST-RFBR project entitled: *"Principles of formation of nanostructured oxide materials and nanosized catalysts on their basis for hydrogen power production applications"* coordinated by Dr. **Pankaj Bharali**, Assistant Professor, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur 784 028, Assam, India with his Russian counterpart **Dr Kerzhentsev Mikhail Anatolievich**, Senior Researcher Boreskov Institute of Catalysis, Novosibirsk 5, Pr. Akad. Lavrentieva, Novosibirsk, 30090, Russia.

Sanction of the President is hereby accorded for an DST and Russian Federation of Basic Research entitled: *"Principles of formation of nanostructured oxide materials and nanosized catalysts on their basis for hydrogen power production applications"* under the MoU with RFBR at a total cost **of Rs.24,61,800/- (Rupees twenty four lakh sixty one thousand and eight hundred only)** for a period of two years as under:-

Item of Expenditure	Amount		
	First year	**Second year**	**Total**
Direct Costs 1. Consumables	Rs 1,00,000	Rs 1,00,000	Rs 2,00,000
2. **Mobility of scientists** (two visits in first year and 3 visits in second year, as calculated in para 7 below) • For visit of Indian scientists to Russia	Rs 4,71,200	Rs 7,06,800	Rs 11,78,000
3. Contingency	Rs 1,00,000	Rs 1,00,000	Rs 2,00,000
4. Manpower – JRF @ Rs 25,000+10% HRA	Rs 3,30,000	Rs 3,30,000	Rs 6,60,000
Year wise Cost	Rs 10,01,200	Rs 12,36,800	Rs 22,38,000
Overhead @ 10%	Rs 1,00,120	Rs 1,23,680	Rs 2,23,800
Total Year wise cost	Rs 11,01,320	Rs 13,60,480	
Grand total	Rs 24,61,800		

Sanction of the President is hereby accorded for release of 1st installment **Rs.11,01,320/- (Rupees eleven lakh one thousand three hundred and twenty only)** to Tezpur University, Napaam, Tezpur 784 028, Assam, India.

An amount of **Rs.11,01,320/- (Rupees eleven lakh one thousand three hundred and twenty only)** will be disbursed by means of electronic transfer (E-transfer) in favour The Registrar, Tezpur University, Napaam, Tezpur 784 028, Assam, India as details given below:-

Account Holders name/ designation	Registrar, Tezpur University
Name of Bank	State Bank of India,
Name Branch	Main Branch, Napaam, Tezpur & Lake Road, Tezpur, Sonitpur Assam-784001
Bank Account Number	30448821505
IFSC Code	SBIN0000195
MICR Code	784002002
Email	pankajb@tezu.ernet.in

The expenditure involved is debitable to:-
Demand No. 86-Department of Science and Technology
Major Head-3425 B-Other Scientific Research
60 others - Minor Head 60.798 International Co-operation S&T Co-operation with other Countries
72 00.31 Grants-in-aid (general) during the current financial year 2015-16 (PLAN).

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5. The Project will be coordinated by **Dr. Pankaj Bharali**, Assistant Professor, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur 784 028, Assam, India with his Russian counterpart Dr **Kerzhentsev Mikhail Anatolievich**, Senior Researcher Boreskov Institute of Catalysis, Novosibirsk 5, Pr. Akad. Lavrentieva, Novosibirsk, 30090, Russia from Indian and Russian side respectively and will be presumed to commence from the date of issue of this sanction.

6. **Dr. Pankaj Bharali,** Assistant Professor, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur 784 028, Assam, India is required to submit technical progress report periodically (at least once in six months) and a final report at the end of project.

7. As and when required, proposal for a visit under the project should be sent to DST at least six weeks prior to the initiation of the visit. The grant for exchange visit is to be operated subject to the condition that the prior approval of this Department would be obtained on all project related visits to be undertaken by the scientists from either side in connection with the implementation of the project on a case to case basis before any expenditure is incurred in this regard. Break up for proposed expenditure on each exchange visit will be calculated broadly as below:

a) Break up of expenditure on each visit of Indian Scientists visiting collaborative Institute is calculated broadly as below: (All conversion US $ 1 = Rs 60)

1) International Fare Tezpur-Novosibirsk-Tezpur By excursion economy class	Rs 80,000
2) Medical Insurance (Silver class)	Rs 5,000
3) Domestic Travel related to visit	Rs 2,000
4) Visa Fee (as per actuals)	Rs 10,000
5) Accommodation @ US $ 100 for 14 days	Rs 84,000
6) Cash Allowance @ US $ 40 for 14 days	Rs 33,600
7) Local transport @ US $ 25 for 14 days	Rs 21,000
Total	**Rs 2,35,600**

8. The institute will maintain separate audited accounts for the project and the **amount of grant will be kept in a bank account earning interest**. The interest earned should be reported to DST while submitted the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant".

9. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

10. It must be ensured that the final statement of expenditure, utilization certificate and project completion report is submitted within one year after the scheduled dated of completion of the project.

11. No re-appropriation will be allowed from one item/sub head of expenditure to another item sub head of expenditure and copies of claims may be called by DST if required. This sanction order has been issued in current financial year 2015-16 and is valid up to 31-03-16 only. For incurring any expenditure in next financial year (2016-17) PI should apply to DST for carry forward of unspent balance to 2016-17 during April 2016 for seeking carry forward approval/sanction order. Indian Project coordinator should furnish the requisite utilization certificate immediately at the end of the each financial year (ending 31st March) along with the audited statement of expenditure and progress report.

12. The account of the grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institution is called upon to do so, as laid down under Rule 211 (i) of General Financial Rules.

13. This issues under the delegated powers to the Minister/Departments and with approval of Director, Integrated Finance Division vide Diary No.C/2293/2015-16 dated:03/08/2015.

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14. This sanction order has been noted at Sl. No. 274 in Grant in Aid register.

15. **No UC/SE is due from** Tezpur University, Napaam, Tezpur 784 028, Assam, India **for this project.**

(S.K.Varshney)
Scientist "G"

To,
The Pay & Accounts Officer, Department of Science & Technology, New Delhi-110016

Copy to:

1. Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. **Dr. Pankaj Bharali,** Assistant Professor, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur 784 028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
6. Director, Tezpur University, Napaam, Tezpur 784 028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
7. Registrar, Tezpur University, Napaam, Tezpur 784 028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
8. Finance Officer, Tezpur University, Napaam, Tezpur 784 028, Assam, India *"There is provision for manpower in the project. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."*
9. Project File

(S.K.Varshney)
Scientist "G"

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Office of the Registrar
Receipt No. 3160
Date 15/9/15
Signature

SR/FTP/PS-147/2012

Science and Engineering Research Board

(A Statutory Body under Department of Science and Technology)

Technology Bhavan
New Mehrauli Road
New Delhi – 110 016

Dated 22.08.2015

1) Dean, R&D
2) FO.
3) HOD, Physics

for mcp.

ORDER

Subject:- Financial assistance for the research project entitled *"Surface functionalization of muga (antherarea assamensis) silk using atmospheric dielectric barrier discharge for biomedical applications"* by **Dr Arup Jyoti Choudhury,** Department of Physics, Tezpur University, Napam, Tezpur - 784028, Assam.

Sanction of the Science and Engineering Research Board (SERB) is hereby accorded to the above-mentioned project at a total cost of Rs. 19,20,000/- (Rupees ninety lakh twenty thousand only) with break-up of Rs. 12,00,000/- under Non-Recurring head and Rs. 7,20,000/- under Recurring head for a duration of three years. The items for which the total allocation of Rs. 19,20,000/- has been approved for a period of three years, are given below:

Sl. No	Head	Total (In Rs.)
A	**Non-Recurring**	
1.	Minor Equipment high voltage AC power supply with accessories *(DBD reactor, mass flow meter, fume hood, online UPS, water circulator, vacuum oven, camera etc*	12,00,000/-
A'	*Total Non-Recurring*	*12,00,000/-*
B	**Recurring**	
B.1	Recurring A Consumables, Travel, Contingencies	4,20,000/-
B.2	Recurring B (Overhead Charges)	3,00,000/-
B'	*Total Recurring (B.1 + B.2)*	*7,20,000/-*
C	**Total cost of the project (A' + B')**	**19,20,000/-**

2 Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. in the project.

3 The sanction of the Board is also accorded to the payment of **Rs. 12,00,000/-** (Rupees twelve lakh only) under Non-Recurring head and **Rs. 2,50,000/-** (Rupees two lakh fifty thousand only) under Recurring head to the Registrar, Tezpur University, Tezpur - 784028, Assam being the first installment of the grant for the year 2015-16 for implementation of the said research project.

4 Sanction of the grant is subject to the conditions as detailed in Annexure – I.

5 The expenditure involved is debitable to

Fund for Science and Engineering Research (FSER)

6 The sanction has been issued with the approval of the competent authority in SERB vide Dy. No. SERB/F/ 2648 /2015-16 dated 29.07.2015.

PI. file.
15/9/2015

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7 The amount of **Rs. 14,50,000/- (Rupees fourteen lakh fifty thousand only)** meant for both 'Non-Recurring' head and 'Recurring' head will be drawn by the Finance & Budget Officer of the SERB and it will be disbursed to **The Registrar, Tezpur University, Tezpur - 784028, Assam** by means of RTGS transaction as per their details given below.

Account Name	**Registrar, Tezpur University**
Bank Name & Branch	**State Bank of India, Sonitpur Branch, Tezpur**
Bank Account Number	**32988673022**
IFSC Code	**SBIN0000195**
e-mail ID of the grantee	**registrartu@tezu.ernet.in**

8 The Institute will furnish to the Board, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9 While providing operational flexibility among various subheads under head Recurring -A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

10 The manpower sanctioned in the project, if any, is co-terminus with the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

11 All purchases of equipments and consumables etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.

12 The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13 As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.

14 As this is the first grant being released for the project, no previous U/C is required.

15 The institute may refund any unspent balance to SERB by means of an a/c payee Demand Draft favoring **"FUND FOR SCIENCE AND ENGINEERING RESEARCH"** payable at New Delhi.

(Praveen Kumar S)
Scientist `E`

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, III Floor, A.G.C.R Building, I.P Estate, New Delhi – 110 002.
2. The Finance & Budget Officer, SERB (2 copies).

3. **Dr Arup Jyoti Choudhury**
Department of Physics
Tezpur University
Napam , **Tezpur - 784028, Assam**
e-mail: arup_01323@rediffmail.com

4. **The Registrar**
Tezpur University
Napam , **Tezpur - 784028, Assam**

5. Sanction folder SERB
6. SERB Secretariat

(Praveen Kumar S)
Scientist `E`

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INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Dr. Sundeep Chopra
Convenor - AUC

Ref:IUAC/XIII.3A/

August 19, 2015

Dr. Ashok Kumar
Professor
Department of Physics,
Tezpur University,
Napaam, Assam, Pin: 784028

Subject: Your Application for Beam Time Allotment

Dear Dr. Kumar,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on July 05-08, 2015. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity		PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
8301	MS	Dr. Ashok Kumar Professor Department of Physics, Tezpur University, Napaam, Assam, Pin: 784028	SHI Irradiation Effects on Graphene Based Conducting Polymer Nanocomposites for Electrode Applications.	3	JRF sanctioned with normal funding

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

(Sundeep Chopra)
E-mail: choprasundeep@gmail.com

पता: 10502 अरूणा आसफ अली मार्ग,
Add: No. 10502, Aruna Asaf Ali Marg,

दूरभाष :/Telephone : 011-26893
011-26892

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Ref: IUAC/XIII.7/UFR- 58301/ 2833

October 7, 2015

The Registrar
Tezpur University,
Napaam, Assam, Pin: 784028

Office of the Registrar
Receipt No. 5366
Date 11/11/15
Received by

Sub: Financial sanction for the financial year 2015-16
Ref: Project Code No. UFR- 58301 sanctioned in favour of Dr. Ashok Kumar, Professor, Department of Physics, Tezpur University, Napaam, Assam,

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2015-2016

Project Code : UFR - 58301

Year	Fellowship	Contingency/Consumbles	Total
First	Rs.84,000/- @ Rs.14000/- P.M. For 01.10.15 to 31.03.16	-	Rs.84,000/-

The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of "Inter University Accelerator Centre" payable at New Delhi after completion of the project.

Thanking you,

Yours sincerely,

(Dr. S. CHOPRA)
Convenor - AUC

cc to:

Dr. Ashok Kumar
Professor
Department of Physics,
Tezpur University,
Napaam, Assam, Pin: 784028

18/11/2016

पत्राचार हेतु पता: 10502 अरूणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26893955
011-26892601
तार :/Telegram : NURCEN
फैक्स :/Fax : 011-26893666
वेबसाईट :/Website : www.iuac.res.in

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Office of the R...
Receipt No ....4...
...24/...
... by ...

Ref: IUAC/XIII.7/UFR- 58301/

May 10, 2016

The Registrar
Tezpur University,
Napaam, Assam, Pin: 784028

Serial No... ....5673 ... .
Date of Receipt ..27.10.2016 ....
File No... ....
Received by ... ...

Sub: Financial sanction for the financial year 2016-17
Ref: Project Code No. UFR- 58301 sanctioned in favour of Dr. Ashok Kumar, Professor, Department of Physics, Tezpur University, Napaam, Assam.

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2016-2017

Project Code : UFR - 58301			
Year	Fellowship	Contingency/Consumbles	Total
Second	Rs.1,68,000/- @ Rs.14000/- P.M. For 01.04.16 to 31.03.17	Rs.25,000/-	Rs.1,93,000/-

The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of "Inter University Accelerator Centre" payable at New Delhi after completion of the project.

Thanking you,

Yours sincerely,

(Dr. S. CHOPRA)
Convenor - AUC

cc to:
Dr. Ashok Kumar
Professor
Department of Physics,
Tezpur University,
Napaam, Assam, Pin: 784028

Original - File.
Copy - Prof. A. Kumar
27/10/16

...क्स: 10502 अरूणा आसफ अली मार्ग,
...ox No. 10502, Aruna Asaf Ali Marg,
...ली - 110 067 (भारत)
...elhi- 110 067 (India)

दूरभाष :/Telephone : 011-26893955
011-26892601
तार :/Telegram : NURCEN
फैक्स :/Fax : 011-26893666
वेबसाईट :/Website : www.iuac.res.in

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Serial No... 4678

अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Ref: IUAC/XIII.7/UFR- 58301/

Office of the Registrar
Receipt No ....4177....
Date .....
Received by .....

May 9, 2017

The Registrar
Tezpur University,
Napaam, Assam, Pin: 784028

Sub: Financial sanction for the financial year 2017-18
Ref: Project Code No. UFR- 58301 sanctioned in favour of Dr. Ashok Kumar, Professor, Department of Physics, Tezpur University, Napaam, Assam.

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2017-2018

Project Code : UFR - 58301

Year	Fellowship	Contingency/Consumbles	Total
Third	Rs.84,000/- @ Rs.14000/- P.M. For 01.04.17 to 30.09.17 Rs.96,000/- @ Rs.16000/- P.M. For **Net Fellowship**: (84000 + 96000) = Rs.180,000/-	Rs.25,000/-	Rs.2,05,000/-

The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of "Inter University Accelerator Centre" payable at New Delhi after completion of the project.

Thanking you,

Yours sincerely,

(Dr. S. CHOPRA)
Convenor - AUC

cc to:

Dr. Ashok Kumar
Professor
Department of Physics,
Tezpur University,
Napaam, Assam, Pin: 784028

Copy for Prof. Ashok Kumar, Dept. of Physics.
01.11.2017

बाक्स: 10502 अरूणा आसफ अली मार्ग,
Box No. 10502, Aruna Asaf Ali Marg,
देल्ली - 110 067 (भारत)
Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26893955
011-26892601
तार :/Telegram : NURCEN
फैक्स :/Fax : 011-26893666
वेबसाईट :/Website : www.iuac.res.in

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NO. SB/FT/CS-090/2014

SCIENCE AND ENGINEERING RESEARCH BOARD

5 & 5A, Lower
Ground Floor,
Vasant Square Mall,
Plot No. A, Community Centre,
Sector -5, Pocket -5,
Vasant Kunj,
New Delhi-110070

Dated: 24.08.2015

ORDER

Subject: - Financial Sanction of the research project entitled **"Design, Syntheses and Anion. binding studies of Pyrrole-based Cyclic Pseudopeptides"** under the guidance of **Dr. Sanjeev P. Mahanta, Assistant Professor, Department of Chemical Sciences, Tezpur University, Tezpur-784028.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2739600/- (Rupees TwentySeven Lakh ThirtyNine Thousand Six Hundred Only)** with break-up of Rs. **1000000/- (Rupees Ten Lakh Only)** under **Non-Recurring** and **Rs. 1739600/- (Rupees Seventeen Lakh ThirtyNine Thousand Six Hundred Only)** under **Recurring** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2739600/-** has been approved for a period of three years, are given below:

Sl. No.	HEAD	TOTAL (In Rs.)
A	**Non-Recurring**	
1	**Equipment:** Rotary Evaporator, Immersion Coolers, High Vacumm Pump, Analytical Balance, Refrigerator, Magnetic Stirrer	1000000
A'	**Total (Non-Recurring)**	1000000
B	**Recurring Items**	
1	Recurring- A : (Manpower, Consumables, Travel(Domestic), Contingencies)	1439600
2	Recurring- B: (Overhead Charges)	300000
B'	Total (Recurring)	1739600
C	Total Cost of the Project (A'+B')	2739600

2. Sanction of the SERB is also accorded to the payment of **Rs. 1000000/- (Rupees Ten Lakh Only)** *under* **'Non-Recurring'** *and* **Rs. 800000/- (Rupees Eight Lakh Only)** *under* **'Recurring'** being the grant for the year **2015-16** for implementation of the said research project

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) (Non-Recurring & Recurring).** This release is being made under **Start-Up Research Grant (Young Scientists)-CHEMICAL SCIENCES**

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/1867/2015-16 dt:04.07.2015**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head **Recurring-A**, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

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8. The total release amount of **Rs. 1800000/- (Rupees Eighteen Lakh Only)** will be drawn by the **Finance & Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar**
Account Number	**32988673022**
Bank Name & Branch Address	**State bank Of India, Main Branch, Tez Pur, Lake Road, Sonitpur,** Assam-784001, Tezpur
IFSC/RTGS Code	**SBIN0000195**
PI's Email ID	***samahanta@gmail.com***

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per Rule 211 GFR, the accounts of the project shall be open to inspection by sanctioning authority / audit whenever the Institute is called upon to do so.

11. The Institute will furnish to the SERB, Separate Utilization Certificates for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project.

13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. The unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi, after completion/termination of the project.

(Dr. S V Prasanna)
Scientist C

To,
Finance & Budget officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	**Dr. Sanjeev P. Mahanta,** **Assistant Professor,** **Department of Chemical Sciences,** **Tezpur University,** **Napaam Sonitpur,** **Tezpur-784028 (Assam)** *(For guidance, terms & conditions etc. Please visit www.serb.gov.in. Please intimate the start date by post)*
5.	**The Registrar,** **Tezpur University,** **Napaam Sonitpur,** **Tezpur-784028 (Assam)** *(Kindly send receipt of the grant by post)*

(Dr. S V Prasanna)
Scientist C

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IISTRATIVE

No. BT/08/IYBA/2014-12
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(BIOINFORMATICS DIVISION)

Block- 2, 7th floors,
CGO Complex, Lodi Road,
New Delhi – 110 003.
Dated: _____

ORDER

Sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of a project titled "To investigate the role of toll-like receptor 4 (TLR4) in lipid induced impairment of adipogenesis and adipose tissue function implementing insulin resistance" by **Dr. Suman Dasgupta, Assistant Professor, Tezpur University, Tezpur - 784028, Napaam, Dist: Sonitpur, Assam** at a total cost of Rs. 42.30 lakhs (Rupees Forty Two Lakhs Thirty Thousand only) including Rs. 1.00 lakh as a cash award per annum under Innovative Young Biotechnologist Award - 2014 (IYBA 2014) for a period of three years on the terms and conditions which are detailed here under:

2.0 **The Project:**

Project Title: "To investigate the role of toll-like receptor 4 (TLR4) in lipid induced impairment of adipogenesis and adipose tissue function implementing insulin resistance"

2.1 **Awardee:**
Dr. Suman Dasgupta,
Assistant Professor,
Tezpur University,
Tezpur - 784028,
Napaam, Dist: Sonitpur,
Assam.

2.2 **Objective:**
Implementation of a project proposal "To investigate the role of toll-like receptor 4 (TLR4) in lipid induced impairment of adipogenesis and adipose tissue function implementing insulin resistance" under IYBA 2014.

2.4 **Time Schedule:**
The duration of the Project is three years from the date of this sanction order.

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2.5 **Budget:**

(Rs. In lakhs)

S.No.	Heads	Budget			
		Year 1	Year 2	Year 3	Total
1.	Equipment/Software	10.00	--	--	10.00
2*	Manpower-One: JRF/SRF (first two year **JRF@25000 + 10% HRA** and subsequently @28000 + 10% HRA	3.30	3.30	3.70	10.30
3.	Consumable /Contingencies/ travel(travel expenditure to be restricted up to Rs.0.50/- lakhs per annum for every year)	6.00	6.00	6.00	18.00
4.	Overhead Charges	0.50	0.30	0.20	1.00
5.	Cash Award @ Rs. 1.00/- lakhs per annum for 3 year	1.00	1.00	1.00	3.00
	Total	**20.80**	**10.60**	**10.90**	**42.30**

2.6 The expenditure is debitable to:

Demand No. 88 : Department of Biotechnology
3425 : Other Scientific Research (Major Head)
60 : Others (Sub Major Head)
60:200 : Assistance to Other Scientific Bodies (Minor Head)
17 : Human Resource Development
17.08 : Human Resource Development Programmes
17.08.31 : Grants-in-Aid General for the year 2015–2016 (Plan)

2.7 The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit.

2.8 The other terms and conditions of this sanction are attached at Annexure I.

2.9 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at ten percent per annum thereon shall be recovered.

3.0 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their Dy No. **102/IFD/SAN/2004/2015-2016** dated **26/08/2015**.

3.1 This sanction order has been noted at serial No. _____ in the Register of Grants.

4.0 **A Memorandum of Agreement (MOA) to be signed by the grantee institution on Rs. 100 stamp paper in the format given at Annexure-II and the subsequent Releases will be made only after signing of MOA by the grantee institution and its acceptance by DBT. All the pages need to be signed and to be returned to DBT within 30 days of issue of this order.**

5.0. **All the Official Travel related to this programme should be made only through Air India.**

(Dr. T. Madhan Mohan)
Adviser

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To

The Pay & Accounts Officer,
Department of Biotechnology
New Delhi - 110 003.

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (2 Copies).
3. Sanction Folder.
4. IFD, DBT
5. The Registrar, Tezpur University, Tezpur - 784028, Napaam, Dist: Sonitpur, Assam.
6. Dr. Suman Dasgupta, Assistant Professor, Tezpur University, Tezpur - 784028, Napaam, Dist: Sonitpur, Assam.
7. Concern File.

(Dr. T. Madhan Mohan)
Adviser

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FILE NO. EMR/2014/000214

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-5, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 10-Sep-2015

Subject: Financial Sanction of the research project titled "**Control Polymorph Nucleation of Drugs on Functionalized Surfaces**" under the guidance of Dr. Bipul Chandra Sarma, Department of Chemical Sciences, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, ASSAM-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2626000/- (Rs.** Twenty Six Lakh Twenty Six Thousand **Only)** with break-up of **Rs. 500000/- under Capital (Non-recurring) head** and **Rs.2126000/- under General (Recurring) head** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2626000/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Magnetic Stirrer -> Hot air oven -> Karl Fischer Moisture Analyser -> Vacuum Pump -> UV-Vis Instrument	500000
A'	Total (Non-Recurring)	**500000**
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel (Domestic), Other Cost, Contingencies)	1726000
2	Recurring - B : (Overhead Charges)	400000
B'	Total (Recurring)	**2126000**
C	**Total cost of the project (A' + B')**	**2626000**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 708000/-** (Rupees Seven Lakh Eight Thousand only) under 'Grants-in-aid General' to REGISTRAR, TEZPUR UNIVERSITY , **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (Organic Chemistry)

4. The Sanction has been issued with the approval of the competent authority under delegated powers on **08 September, 2015** and vide Diary No. **SERB/F/3937/2015-16** dated **09 September, 2015.**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1208000/-** (Rupees Twelve Lakh Eight Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed to **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**

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भारतीय स्टेट बैंक
State Bank of India
The Banker to Every Indian

State Bank of India

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Account Statement for the period 07/10/2015 to 07/10/2015

Account Number	00000030448821505		
Address	TEZPUR UNIVERSITY,NAPAM,TEZPUR,Sonitpur TEZPUR ASSAM-IN 784028	**Branch**	TEZPUR
		Account Type	SBCHQ-GEN-PUB-OTH-NONRURAL-INR
Account Name	TEZPUR UNIVERSITY R& D		
Drawing Power	0.00	**MOD Balance**	0.00
		Interest Rate(% p.a.)	4.0
CIF No.	85284287699		
IFS Code	SBIN0000195		
MICR Code	784002002		
Nomination Registered	No		
Balance as on 07/10/2015	4,90,42,825.76		

Date (Value Date)	Narration	Ref/Cheque No.	Branch Code	Debit	Credit	Balance
07-Oct-15 (07-Oct-2015)	CHEQUE DEPOSIT 654699	TRANSFER TO 10596550879 654699	195		18,04,080.00	5,08,46,905.76
07-Oct-15 (07-Oct-2015)	TO CLG CHQ TO CLEARING CHEQUE 786999	786999	104	33,839.00		5,08,13,066.76
07-Oct-15 (07-Oct-2015)	TO CLG CHQ TO CLEARING CHEQUE 786997	786997	104	48,870.00		5,07,64,196.76
07-Oct-15 (07-Oct-2015)	TO DEBIT THROUGH CHEQUE SBI BT 787049	787049	14259	12,334.00		5,07,51,862.76
07-Oct-15 (07-Oct-2015)	TO DEBIT THROUGH CHEQUE SBI BT 787042	787042	14259	4,424.00		5,07,47,438.76
07-Oct-15 (07-Oct-2015)	BY TRANSFER NEFT*UBIN0534994*SAA159505926*FUND FOR SCIENCE A	TRANSFER FROM 3199681044308	4430		12,08,000.00	5,19,55,438.76
07-Oct-15 (07-Oct-2015)	BY TRANSFER NEFT*IBKL0NEFT01*IBKL151007589023*BIOTECH CONSORTI	TRANSFER FROM 3199414044305	4430		8,28,000.00	5,27,83,438.76

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FILE NO. YSS/2014/000067

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 20-Oct-2015

ORDER

Subject: Financial Sanction of the research project titled "**Exploring the effects of peroxisome proliferator-activated receptor beta/delta activation in lipid induced adipocyte inflammation and insulin resistance.**" under the guidance of Dr. Suman Dasgupta, Molecular Biology and Biotechnology, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, ASSAM-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2520000/- (Rs. Twenty Five Lakh Twenty Thousand Only)** with break-up of **Rs. *1560000/-* under Capital (Non-recurring) head** and **Rs.*960000/-* under General (Recurring) head** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2520000/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	
A	**Non-recurring**	**Total (in Rs.)**
1	Equipment -> UV-Visible spectrophotometer -> Table top cold centrifuge -> Thermal cycler (PCR machine)	1560000
A'	*Total (Non-Recurring)*	*1560000*
B	**Recurring Items**	
1	Recurring - A : (Consumables, Travel, Contingencies)	660000
2	Recurring - B : (Overhead Charges)	300000
B'	*Total (Recurring)*	*960000*
C	**Total cost of the project (A' + B')**	2520000

2. Sanction of the SERB is also accorded to the payment of

- Rs. 1560000/- (Rupees Fifteen Lakh Sixty Thousand only) under 'Grants for creation of capital assets' and Rs. 320000/- (Rupees Three Lakh Twenty Thousand only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Start Up Research Grant (Young Scientist). (Life Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **14 October, 2015** and vide Diary No. **SERB/F/5006/2015-16** dated **19 October, 2015**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1880000/-** (Rupees Eighteen Lakh Eighty Thousand only) will be drawn by

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the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	REGISTRAR, TEZPUR UNIVERSITY
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA MAIN BRANCH, LAKE ROAD, TEZPUR, SONITPUR, ASSAM 784001
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	bpathak@tezu.ernet.in
Email id of PI	suman.dsut@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. YSS/2014/000067 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Suman Dasgupta** **Molecular Biology and Biotechnology** **Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, ASSAM-784011** **Email: suman.dsut@gmail.com** **Mobile: 919954332278** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

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NO. SB/SO/HS/015/2014 (A)

SCIENCE & ENGINEERING RESEARCH BOARD

Office of the Registrar
Receipt No. 4266
Date 13/11/15
Received by

5 & 5A, Lower Ground Floor,
Vasant Square Mall,
Plot No. A, Community Centre,
Sector-5, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 26/10/2015

ORDER

Subject: Financial Sanction of the research project titled **"Exploring gene expression differences between atherosclerotic and non-atherosclerotic coronary and peripheral arteries within a patient to enable discovery of novel targets that mediate development of localized atherosclerotic plaques"** under the guidance of **PI:- Dr. Rupak Mukhopadhyay, Assistant Professor, Molecular Biology and Biotechnology, Tezpur University, PO-Nappam, Sonitpur -784028, Assam.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of outlay of **Rs. 25,94,000/- (Rs. Twenty Five Lakh and Ninety Four Thousand Only) with break-up of Rs. 04,72,000/- under Non-Recurring Head and Rs. 21,22,000/- under Recurring Heads** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 25,94,000/- (Rs. Twenty Five Lakh and Ninety Four Four Thousand Only)** has been approved for a period of **three years,** are given below:

Sl. No	Head	Total (in Indian Rupees)
A	**Non-recurring (Equipment Items)** I. Gradient PCR II. Autoclave	**Rs. 04,72,000/-**
B	**Recurring Items**	
1	Recurring– A (Consumables, Travel(Domestic), Contingencies)	Rs. 16,90,000/-
2	Recurring – B (Overhead Charges)	Rs. 04,32,000/-
B'	Total (Recurring)	**Rs. 21,22,000/-**
C	**Total cost of the project (A + B')**	**Rs. 25,94,000/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 12,00,000/- (Rs. Twelve Lakh Only)** which includes **equipment amount of Rs. 04,72,000/-** and **Rs. 07,28,000/- under recurring heads** being the first grant for the year **2015-16** for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

Rs. 04,72,000/- under **Non-Recurring'**
Rs. 07,28,000/- under **'Recurring'**
This release is being made under PAC (Health Science)

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary **No.SERB/F/4389/2015-16 dated 24/09/2015.**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. The total release amount of **Rs.12,00,000/- (Rs. Twelve Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Tezpur University**
Account Number	**32988673022**
Bank Name & Branch	**State Bank of Insia, Main Brach, Tezpur**
IFSC/RTGS Code	**SBIN0000195**
Email Id of PI	**mrupak@tezu.ernet.in, mrupak@gmail.com**
Email Id SERB Officer	**sanctionhealthscience@gmail.com**

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so. The grant is to be kept in a separate account and interest so generated well be adjusted the future installments against the further installments released.

10. The institute will furnish separate Utilization Certificates (UCs) to the SERB, New Delhi for recurring (Grants-in-aid General) & non-recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

12. The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest. The interest earned should be reported to SERB, New Delhi. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

13. The sanctioned equipments and consumable to be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion if the project balance if any to be refunded to SERB as DD in favor of " **Fund for Science & Engineering Research** " at the earliest.

Rita Banerjee

Rita Banerjee
Scientist- F

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Rupak Mukhopadhyay, Assistant Professor, Molecular Biology and Biotechnology, Tezpur University, PO-Nappam, Sonitpur, 784028, Assam.**
5	**The Registrar,** **Tezpur University, PO-Nappam, Sonitpur, 784028, Assam.**
6.	**Dr. Arkasubhra Ghosh, Director, GROW research laboratory, Narayana Nethralaya, 258/A, Narayana Health City, Bommasandra, Hosur Road, Bangalore, Karnataka - 560 099.**

Rita Banerjee

Rita Banerjee
Scientist F

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Dr. A Mukhopadhyay
Head
R&D Infrastructure Division
Email: tsd@nic.in
Tel. + Fax: 011-26602193

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलाजी भवन नया महरौली मार्ग नई दिल्ली - 110016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhawan, New Mehrauli Road, New Delhi-110016

SR/FST/ESI-142

18th November 2015

Subject: Your Proposal under "**FIST Program - 2015**"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre / College for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level – 0/ Level-I / Level II category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

To strengthen the post graduate teaching and research facilities in the Department.

E- Rs 100 L [i] ICP-MS- Rs 90 L,ii) High resolution Trinocular florescent microscope- Rs 10 L]
NW- Rs10 L [To be identified by the department]
M- Rs 15 L

Total-Rs 125 L

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School/ College and actual cost of this project shall firmed up based on these inputs from you. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School/ College would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please submit the following documents **latest by before 8th February 2016 (Monday):**

1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submits quotations of the identified & prioritized Equipment only. Under 'Teaching Facility Support' for Colleges, only laboratory equipment to be utilized for experimental purposes shall be proposed. Teaching Aids like LCD Projector, Smart Boards etc. are out of scope under FIST support and shall not be projected by the College.

2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the *Terms and Conditions* of DST-FIST Program available at the Website: www.fist-dst.org. Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.

3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.

30.11.2015

4) For implementation of the project, the Department/School/Centre/College shall constitute an **'Project Implementation Group'** who shall be responsible & accountable for its implementation during the project duration of 5 years. The composition of the **'Project Implementation Group'** shall be informed to DST by the Department/School/ Centre.

5) The respective Department/ School/ Centre/College shall handle this project grant through only Saving Bank Account at the University/ Institute/ college level. **Hence, the concerned Department/Centre/School or College shall need to forward a photocopy of a Blank Cheque only for their Institute/ University/College Bank Account which is maintained & operated by the Registrar (for University) or Director (for Institute) or Comptroller (for Agricultural University) or Principal (for College) to facilitate the transfer of grants through ECS Transfer System. The Department/Centre/School or College shall also ensure the registration of their respective organization under Plan Finance Monitoring Scheme (PFMS) [www.cga.nic.in] for R&D Support (1009) head of A/c and attach the Registration Details of their University/Institute/College along with other documents.**

The Department/ Centre/ School or College who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: www.fist-dst.org.

Departments/ Centres/ Schools/ College are also requested for sending all documents at one stage instead of sending in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School/ College would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department Centre School/ College deemed to be forfeited automatically for considering support under DST-FIST Program.

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. **Please submit the following documents before 8th February 2016 (Monday). All documents will be required to send by Post. Documents may not be sent by E-mail for releasing fund.**

With best regards.

amukhopadhyay

(A. Mukhopadhyay)

To

Head ,
Department of Environmental Science,
Tezpur University,
Napaam, Sonitpur,
Tezpur-784028
Assam

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]

FILE NO. YSS/2015/000765

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Grou
Vasant Squ
Plot No. A, Community Cent
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 04-Nov-2015

ORDER

Subject: Financial Sanction of the research project titled "**HIGH PERFORMANCE ULTRACAPACITORS WITH GRAPHENE-BASED COMPOSITE ELECTRODES** " under the guidance of Dr. Shyamal Kumar Das, physics, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, ASSAM-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2837040/- (Rs.** Twenty Eight Lakh Thirty Seven Thousand and Forty **Only)** with break-up of **Rs. *1231040*/- under Capital (Non-recurring) head** and **Rs.*1606000*/- under General (Recurring) head** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 2837040/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Electrochemical work station -> Centrifuge -> Tube furnace	1231040
A'	*Total (Non-Recurring)*	***1231040***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1306000
2	Recurring - B : (Overhead Charges)	300000
B'	*Total (Recurring)*	***1606000***
C	**Total cost of the project (A' + B')**	**2837040**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 1231040/-** (Rupees Twelve Lakh Thirty One Thousand and Forty only) under 'Grants for creation of capital assets' and **Rs. 535333/-** (Rupees Five Lakh Thirty Five Thousand Three Hundred and Thirty Three only) under 'Grants-in-aid General' to **Registrar Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2015-2016 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Start Up Research Grant (Young Scientist). (Chemical Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **21 October, 2015** and vide Diary No. **SERB/F/5360/2015-16** dated **03 November, 2015**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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10. The release amount of **Rs. 1766373/-** (Rupees Seventeen Lakh Sixty Six Thousand Three Hundred and Seventy Three only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam, 784001, Phone 03712220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**skdstring@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. YSS/2015/000765 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Shyamal Kumar Das** **Physics** **Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, ASSAM-784011** **Email: skdstring@gmail.com** **Mobile: 918753946977** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

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भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बी ई एल रोड, बेंगलूर – 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

इसरो ISRO

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

Dr K Ganesha Raj
Dy. Director, RESPOND

☎: 080-23415269/22172269
FAX-080-23412471
email:ddrespond@isro.gov.in

ISRO/RES/2/401/15-16

December 9, 2015

Dear Dr. Amit Pathak,

Subject: RESPOND Project - "Dynamics of Solar Prominences and initiation of Coronal Mass Ejections (CMEs)"- reg.

This has reference to your submission of the above-mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that, Chairman, ISRO/Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of three years with a total outlay of **₹19.20 Lakhs (Rupees Ninteen Lakhs and Twenty Thousand only)** towards meeting the expenditure of the project.

2. Release of grant of **₹8.50 Lakhs (Rupees Eight Lakhs and Fifty Thousand only)** towards meeting the first year expenditure of the project (budget details enclosed).

The approval is subject to fulfillment of the following conditions:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, PRL , Ahmedabad (Attn: Prof R Sekar, RESPOND Coordinator, PRL, Ahmedabad)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project. The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560231; Director, PRL, Ahmedabad (Attn: Prof R Sekar, RESPOND Coordinator, PRL, Ahmedabad) with a copy to the undersigned.

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The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to send the enclosed Grant-in-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants at the earliest (to the Registrar, Tezpur University).

With Regards,

Yours sincerely,

(K Ganesha Raj)

Dr Amit Pathak
Assistant Professor
Department of Physics
Tezpur University
Tezpur : 784 028
Assam

CC: Scientific Secretary, ISRO
Vice Chancellor, Tezpur University, Tezpur
Registrar, Tezpur University, Tezpur
Director, PRL, Ahmedabad
Prof R Sekar, RESPOND Coordinator, PRL-Ahmedabad

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No. BT/PR12640/PFN/20/981/2014

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 29/12/2015

ORDER

anction of the President is hereby accorded, under Rule 18 of the Delegation of Financial owers Rules ,1978 , for the implementation of the project entitled: "**Development of a robiotic vegetable drink based upon bottle gourd with blends of other vegetables and tilization of its wastes for making value added products**" for a period of 3 Year 0 Month t a total cost of Rs. **5935000** (Rupees Fifty Nine Lakhs Thirty Five Thousand Only) on the erms and conditions detailed here under:-

he Project :

.1 Title : **"Development of a probiotic vegetable drink based upon bottle gourd with blends of other vegetables and utilization of its wastes for making value added products"**

.2 Details of the Investigatiors:

Dr. Sankar Chandra Deka
Professor
Food Engineering and Technology
Tezpur University
Dept. of Food Engineering and
Technology, Tezpur University,
Napaam, Tezpur,Assam, 784028

CO-PI:

Dr. Nandan Sit
Associate Professor
Food Engineering and Technology
Tezpur University
Dept. of Food Engineering and Technology,
Tezpur university, Napaam, Tezpur - 784028,
Assam

ough ***eProMIS***

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2.3 Objectives:

1. Preparation of probiotic fortified vegetable drink from bottle gourd and other substrates using sonication of juice prior to fermentation,
2. Optimization of process variables of the probiotic fortified vegetable drink and its quality evaluation,
3. Kinetic studies of the probiotic organisms during the preparation of the vegetable drink vis-à-vis its impact on phytochemicals,
4. Development of probiotic vegetable drink using optimized process conditions and selected strain,
5. Extraction and Screening of phytochemicals and use of various extraction techniques on polysaccharide yield from bottle gourd waste extract,
6. To develop value added products using the extracted compounds of bottle gourd waste

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **5935000**/-(Rupees Fifty Nine Lakhs Thirty Five Thousand Only) as per details given below :

Budget Head	**Year I**	**Year II**	**Year III**	**Total**(Rs.)
Equipment	3890000.00			**3890000.00**
Manpower	360000.00	360000.00	360000.00	**1080000.00**
Overhead	100000.00	100000.00	100000.00	**300000.00**
Travel	30000.00	30000.00	30000.00	**90000.00**
Consumables	200000.00	200000.00	100000.00	**500000.00**
Contingency	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**4605000.00**	**715000.00**	**615000.00**	**5935000.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

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Demand No. 88	Department of Biotechnology
2552	North Eastern Areas 2015-2016
2552.00	Other Scientific Research
2552.00.325	Assistance to other Scientific Bodies (Minor Head)
2552.00.325.04	Assistance for Research & Development
2552.00.325.04.17	Assistance for Research & Development
2552.00.325.04.17.35	Grants for creation of capital Assets

ıe **Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
2552	North Eastern Areas 2015-2016
2552.00	Other Scientific Research
2552.00.325	Assistance to other Scientific Bodies (Minor Head)
2552.00.325.04	Assistance for Research & Development
2552.00.325.04.17	Assistance for Research & Development
2552.00.325.04.17.31	Grants in Aid-General

ms & Conditions:

1 the event of the grantee failing to comply with the conditions or committing breach of the ditions of the bond, the signatories to the bond shall be jointly and severally liable to refund to President of India, the whole or a part amount of the grant with interest at ten per cent per um thereon or the sum specified under the bond. The stamp duty for this bond shall be borne ıe Government

case the whole or a part of the amount of the grant in aid is being refunded, an interest at ate of ten percent per annum thereon shall be recovered.

e Nonrecurring grant shall be utilised within 18 months of the release

ther terms and conditions governing this sanction are attached at Annexure- III.

norandum of Agreement (MoA) will be signed between the Department of Biotechnology and antee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the d release/installment will be made only after signing of MoA by the grantee institutions and eptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first e. A format of the MoA is enclosed in Annexure-IV

stitute/Agency will keep the whole of the grant in a Bank Account earning interest, and the t so earned should be reported to DBT in the Utilisation Certificate and Statement of iture. The Interest so earned will be treated as created to the institute/Agency and shall sted towards further installment of the grant and or at the time of Final Settlement of ts.

rnational Travel will be undertaken from the sanctioned project grant unless specified

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otherwise.

6. The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

9. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.**102/IFD/SAN/3681/2015-2016** dated **December, 29 2015.**

10. This sanction order has been noted at serial no. 105 in the Register of Grants.

(Dr. Vamsi Krishna Addanki)
Scientist-C

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
3 Dr. Nandan Sit, Associate Professor, Food Engineering and Technology, Tezpur University, Dept. of Food Engineering and Technology, Tezpur university, Napaam, Tezpur - 784028, Assam
4 Dr. Sankar Chandra Deka, Professor, Food Engineering and Technology, Tezpur University, Dept. of Food Engineering and Technology, Tezpur University, Napaam, Tezpur - 784028, Assam
5 Cash Section, DBT (2 copies).
6 Sanction Folder.
7 File Copy.

(Dr. Vamsi Krishna Addanki)
Scientist-C

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ISEA Phase-II-PMU
C-DAC
#1, Shivbagh, Ameerpet,
Hyderabad – 500016

1(1)/ISEA-II/PMU/2015

Date: 12-01-2016

Sub: ISEA project Phase – II release of first installment of Grant-In-Aid

Ref: MoU signed by Tezpur University

Dear Sir,

This has reference to the MOU signed by Tezpur University to be part of ISEA project Phase – II as Participating Institute (Category – I). In this regard, I am to inform you that the first installment of GIA amount of Rs.36.06 Lakhs has been released and deposited into your institution Bank Account. Reference: UTR No. BKIDH15365414510

The first installment of GIA of Rs.36.06 Lakhs is released as per the following:

(Rs. in Lakhs)

S.No	Particulars	Year 1
A	**Core Funding**	
(i)	**Capital Expenditure**	
1	Equipment	30.00
2	Books / Journals	1.00
	Total (Capital)	**31.00**
(ii)	**Revenue Expenditure**	
1	LM/Courseware Development, Virtual Lab, Guest Faculty, Manpower, Travel, MIS, Contingencies, Consumables, Miscellaneous, etc.	4.00
2	Overheads (incl. Placement Assistance) @ 15%	0.60
	Total Core funding [To be linked with total Outcome/Deliverable achieved]	**35.60**
B	**Outcome / Deliverable linked funding**	
(a)	**PI (23 Centres)**	
1	Paper Presentation [upto Rs.40,000 per candidate]	0.40
2	Overheads (incl. Placement Assistance) @15%	0.06
	Sub-Total	***0.46***
	GRAND TOTAL (A+B(a))	**36.06**

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This GIA is governed by Terms and Conditions annexed to the MOU.

It is also requested that the physical and financial progress report may be submitted every six (6) months.

For this first release of GIA, Utilisation Certificate in prescribed format has to be submitted by 31st March 2016 alongwith the detailed progress report. Unspent balance amount alongwith the interest earned if any, needs to be returned alongwith the UC.

With kind regards,

Yours sincerely,

Ch A S Murty,
Coordinator,
ISEA Phase – II.

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made on 2nd December, 2015 between:

a) **The President of India** acting through the Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Electronics Niketan, 6, CGO Complex, New Delhi-110003. (hereinafter referred to as DeitY, which expression shall, unless excluded by or repugnant to the context, be deemed to include his successors in office and assigns) of the FIRST PART;

AND

b) TEZPUR UNIVERSITY, TEZPUR, ASSAM

(hereinafter referred to as **Participating Institute**, which expression shall, unless excluded by or repugnant to the context, be deemed to include his successors in office and assigns) of the SECOND PART.

WHEREAS DeitY has sponsored a project entitled '***Information Security Education and Awareness* (ISEA) Project *(Phase-II)***' (hereinafter referred to as the ISEA Project Phase-II) under the Scheme viz. 'Digital India and Manpower Development', to be implemented by the Participating Institute over a period of 5 years.

AND WHEREAS, the objectives of the Project include:

- Capacity building in the area of Information Security to address the human resource requirement of the country.
  - Generation of core research manpower to undertake basic/fundamental research, applied research, research in the area of Product/Solution design and development and in selected thematic areas of national strategic importance to build indigenous capability.
  - Introduction of Information Security curriculum in formal courses like M.Tech./M.E./M.S., B.Tech/B.E., Post Graduate Diploma courses etc., faculty training, modular/short term knowledge oriented courses etc. through academic institutions,
  - Launching non-formal modular/short-term knowledge-cum-skill oriented courses, etc., for working professionals at all levels including the flexible certificate programs, certification scheme through NIELIT, CDAC, etc.
  - Launching formal courses on virtual mode using the NKN Network to expand the capacities.
- Training of Government personnel.
- Creation of mass information security awareness targeted towards:
  - **Academic Users:** School level – Children, Parents & Teachers, College level – Students & Faculty,
  - **General Users:** Small enterprise/Business users, SME Sector/Non IT industry, NGO's, CSCs, Cyber cafes and general public at large.
  - **Government Users:** Central/State Government employees (non IT professionals), Legal / Police professionals, etc.
- Creating a national repository of courses designed course contents and learning material, MIS about the professionals trained through this scheme, Technology Forecast and Assessment, changes in the market trends and the resultant human resource requirement etc.

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NOW THEREFORE in consideration of the premises and mutual covenants hereinafter contained, the parties hereto agree as follows:

1. DEFINITIONS

Unless otherwise stated, for the purpose of this MOU, the terms given hereunder shall have the following meanings:

(i) **Annexure**: Any annexure to this MOU as enumerated and cross-referred in these articles.

(ii) **Articles**: Any Clause of this MOU or partial clause with separate marginal number as referred to anywhere in the workings of this MoU or its Annexures.

(iii) **DeitY**: Department of Electronics and Information Technology, Government of India having its office at 6, CGO Complex, New Delhi - 110003.

(iv) **GIA**: Grants-in-Aid.

(v) **ISRDC**: Information Security Research & Development Centre

(vi) **RC**: Resource Centre

(vii) **PI**: Participating Institute

(viii) **IPR**: Shall mean all rights, benefits, title or interest in or to any Intellectual Property (whether registered or not and including all applications for the same).

(ix) **IR**: Internal Revenue.

(x) **Party/Parties** means DeitY or/and **Participating Institute**

(xi) **Project**: Information Security Education & Awareness (ISEA) Project (Phase -II)

2. SCOPE OF MEMORANDUM OF UNDERSTANDING

The Articles 1 to 18 and Annexure I to IV to this MOU form an integral part of the MOU between the parties. The terms herein referred in the MOU and Annexures shall be binding on the parties. The MOU together with the Annexures indicates the responsibilities and obligations of the parties to this MOU including terms and conditions, financial arrangement, intellectual property rights, monitoring mechanism etc. of the Project.

3. AREA OF COVERAGE/ TARGET BENEFICIARIES OF PROJECT

(a) **Academic Activities**: 1,14,038 persons to be trained under formal and nonformal courses, faculty training etc. In addition, about 400 Paper publications are expected from ISRDCs, RCs and PIs. (Details at **Annexure-I)**

(b) **Training of Government personnel**: 13,170 officials in five years.

(c) **Creation of mass information security awareness** targeted towards: Academic users, Government users and General users: approximately 3 crore Internet users in five years through direct and indirect mode.

4. IMPLEMENTATION STRUCTURE OF THE PROJECT

4.1 The implementation of the project would be carried out through the following:

(a) Fifty one (51) Institutions for academic activities –

- Information Security Research and Development Centres (ISRDC) (4);
- Resource Centers (RCs) (7);
- Participating Institutes (PIs) (40).
- A mechanism of creating a cluster of RC with PIs would be created for academic handholding. Each cluster will have an RC attached with a group of upto 6 PIs, taking into account their geographic proximity.

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(b) Sixteen (16) Implementing Agencies for training of Government personnel with one coordinating agency (NIELIT Centre Gorakhpur);

(c) Awareness programs through Implementing Agencies, PIs, RCs, etc., with one coordinating agency (C-DAC Hyderabad).

(d) A Project Management Unit (PMU) will be set up at C-DAC, Hyderabad for implementation and management of various activities under the project.

5. RESPONSIBILITIES OF DeitY, PARTICIPATING INSTITUTE

5.1 Responsibilities of DeitY

(i) To set up and organize meetings of the National Apex Committee for taking policy level decisions, finalise various norms, etc.

(ii) To ensure time-bound implementation of the Project, set up and organize meetings (from time to time) of Project Review and Steering Group (PRSG), Academic & Research Advisory Committee, Coordination Committee for Government Official training and Action Group for Information Security Awareness.

(iii) To provide necessary funds for the implementation of the project based on recommendation of the PRSG, and/or assessment by DeitY and as approved by DeitY.

(iv) To assist in expediting issues related to the progress of this Project, coordination with the relevant Govt. departments/ organisations/ institutions and other agencies concerned.

(v) To take up any other issues and aspects related to the Project.

5.2 Responsibilities of Participating Institute

(i) Offer B.Tech & M.Tech in Electrical / Electronics / Communication/ Computers disciplines with suitably fitted with Information Security courses

(ii) Offer M.Tech in Information Security, M.Tech in secure systems engineering for professionals (on-line mode)

(iii) Offer two-semester diploma or one-semester certificate course in Information security

(iv) Offer One/two-week short-term training programme in information Security. There will be a number of such programmes which could be offered by PIs depending on the requirement of the professionals.

(v) To Run PhD program in Information Security with guidance from RC/ISRDC

(vi) The special category PIs (Category IV PIs 5 in No) with suitable handholding with ISRDC/RC, spread Information Security courses with in their colleges/schools and also in their affiliated engineering colleges.

(vii) The Special Category PI would conduct faculty training program for their affiliated colleges and also facilitate / ensure introduction of Information Security curriculum in B.Tech/M.Tech courses in the affiliated colleges.

(viii) Suitable Information system would be put in place in all the RCs & PIs to track the students who had been trained under this program. The alumni corner to track the students who have undergone academic courses could be done through common ISEA website.

(The details are at **Annexure-II**)

6. FINANCIAL DETAILS:

6.1 The Budget outlay of the ISEA Phase-II Project is Rs.96.08 crore (approx.) as Grant-in-aid from DeitY spread over a period of five years. The relevant details are as per

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Administrative Approval No. 1(2)/2012-ISEA (Vol.II) dated 19.3.2014 as amended from time to time. The Budget Outlay for Participating Institute is at **Annexure-III**.

6.2 The Grants-in-Aid will be regulated in accordance with the provisions contained in Chapter 9 of the General Financial Rules, 2005, as amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard. The Participating Institute would also be governed by the standard Terms & Conditions of Grants-in-Aid of DeitY **(Annexure-IV)**. All financial transactions will be subject to the requirements of the *Fiscal responsibility & Budget Management Act*.

7. APPOINTMENT OF CHIEF INVESTIGATOR & CO-CHIEF INVESTIGATOR

To ensure the successful implementation of the Project, the Participating Institute will appoint a Chief Investigator and a Co-Chief Investigator for the Project. The Chief Investigator will have the overall responsibility of the implementation of the Project. During the period the Chief Investigator is not available, the Co-Chief Investigator will perform the duties of the Chief Investigator. **The Chief and Co- Chief Investigator of the Project will not be changed as far as possible during the course of the Project.**

8. DURATION OF THE PROJECT

The project duration is five years w.e.f. 1.4.2014. Any need for its extension, if essential, will be reviewed by the PRSG for its further consideration and approval by DeitY. However, it would be the endeavor of both parties to this MOU to complete the Project within the stipulated period. DeitY will not bear any expenditure towards recurring, upgradation or maintenance expenses after the completion of the Project.

9. COMPLETION OF PROJECT

The Project shall be deemed to have been successfully completed when Participating Institute achieves the desired objectives of the Project as brought out in this MOU. The Participating Institute will submit a Project Completion Report within one month of the completion of the project.

10. INTELLECTUAL PROPERTY RIGHTS (IPR's)

10.1 Participating Institute shall make all efforts to protect Intellectual Property generated out of the Project. They will first examine IPR protection issues in consultation with IPR Cell, DeitY to file patents, register copyrights, designs, trademarks etc., before making it public by publishing in the technical journals and books, presenting findings in conferences etc.

10.2 Intellectual Property and the rights associated with it shall be assigned jointly to DeitY and Participating Institute. In cases where funding has been done jointly with other organisations, the IP Rights would be appropriately shared.

11. CONFIDENTIALITY

Participating Institute undertakes on its behalf and on behalf of its subcontractors/ employees to maintain strict confidentiality of the Project including, but without limitation to, the R&D work and know-how generated and prevent, disclosure thereof,

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for any purpose, other than in accordance with this MOU. DeitY, in turn, will also ensure confidentiality as required for the Project. The provisions of this clause will outlive this MOU.

12. UTILIZATION OF TECHNOLOGY GENERATED UNDER THE PROJECT

The Participating Institute will have the right to distribute Awareness Material, Learning Material developed or other IPR's generated through the project for use by others. However, this arrangement is subject to the terms and conditions of grant-in-aid prescribed by DeitY. The Participating Institute will also inform DeitY about such an arrangement.

13. FORCE MAJEURE

Neither party shall be held responsible for non-fulfillment of their respective obligations under this MOU due to the exigency of one or more of the force majeure events such as, but not limited to, Acts of God, war, flood, earthquakes, strike, lockouts, epidemics, riots, civil commotion etc., provided on the occurrence and in cessation of any such event, the party affected thereby shall give a notice in writing to the other party immediately after but not later than one month of such occurrence and cessation. The period between the occurrence and cessation of such event will be excluded while calculating the period during which the party has to perform his obligations under this MOU. If the force majeure conditions continue beyond six months, the parties shall then mutually decide about the future course of action.

14. TERMINATION OF THE PROJECT

(i) DeitY will have the right to terminate the MOU based on recommendation of the PRSG at any stage, if it is satisfied that:
   (a) the money released has not been properly utilized, or
   (b) appropriate progress on the Project is not being made, or
   (c) the Project is not being carried out as per the terms and conditions and/ or as per the nature and scope of work as defined in the approved Project proposal.

(ii) If Participating Institute faces difficulties in implementing the Project for any techno economic and reasons other than the above, based on the recommendations of the PRSG and as directed by DeitY, Participating Institute shall pay back all unspent DeitY grants released and Hardware & Software supplied for the Project and interest accrued thereon and/or any amounts recoverable by way of disposal of assets procured out of DeitY funds.

(iii) If Participating Institute abandons the Project on their own without approval of DeitY, then DeitY will have the right to recover from Participating Institute the money disbursed and Hardware/Software procured for the Project alongwith 12% simple interest.

15. SAVING PROVISIONS

The Participating Institute agrees to disclose and provide DeitY or its authorized representative or agency, such disclosure, the know-how, the related process and the intellectual property rights to use and practice the same for the purpose of experimentation and/or further research or development thereof, with the right to manufacture, sell and vend the "Products" in such a manner as Government of India

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may, in its judgment decide, for "Government purposes", or otherwise in public interest. DeitY may compensate Participating Institute for such commercial exploitation of the know-how, process and related IPR. Decision of Secretary, DeitY in regard to such compensation shall be final.

16. VALIDITY

16.1 The duration of this MOU will be for a period of five years w.e.f. date of Administrative Approval or till completion of the Project, whichever is later.

16.2 Any matter not covered specifically in the MOU may be settled by mutual agreement. On points of disagreement, the matter may be referred to Secretary, DeitY for a decision, which shall be final and binding on both the parties.

17. MODIFICATIONS TO THE MEMORANDUM OF UNDERSTANDING

The MOU can be modified through mutual written consent of all the parties to this MOU.

18. SEAL OF PARTIES

In witness whereof the parties hereto have signed this MEMORANDUM OF UNDESTANDING on the day, month and year mentioned herein before.

.....
[For and on behalf of the President of India]
Department of Electronics and Information Technology
Ministry of Communications & Information Technology
Government of India
Electronics Niketan
6, CGO Complex
New Delhi – 110003.

SANJAY MITTAL, IAS
Joint Secretary
Government of India
Dept. of Electronics & Info. Tech.
6, CGO Complex, New Delhi - 110 003

.....
[For and on behalf of Participating Institute] 16.11.2015

सम कुलपति
तेजपुर विश्वविद्यालय
Pro Vice Chancellor
Tezpur University

IN THE PRESENCE OF WITNESSES

Signature: .....
Name: Dhruba Kr Bhattacharyya
Occupation: Professor, CSE & Dean, School of Engg
Address: Tezpur University
Napaam 784028
Assam

अधिष्ठाता, अभियांत्रिकी विद्यापीठ
तेजपुर विश्वविद्यालय
Dean, School of Engineering
Tezpur University

Signature: .....
Name: .....
Occupation: Biren Das
Registrar
Tezpur University
Napaam, Tezpur-784028
Address: .....

संजय कुमार व्यास
SANJAY KUMAR VYAS
वैज्ञानिक 'ई' / Scientist 'E'
भारत सरकार / Government of India
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी विभाग
Dept. of Electronics & Information Technology
नई दिल्ली-110 003 / New Delhi-110 003

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LIST OF ANNEXURES

Annexure I	Overall Academic Outcomes / Deliverables (ISRDC/RC/PI) under the Project – Summary
Annexure II	The details on Participating Institute
Annexure III	Budget Outlay and deliverables as Participating Institute
Annexure IV	Terms and Conditions of Grants-in-Aid of DeitY

Dean, School of Engineering
Tezpur University

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Annexure- II

Information Security Education and Awareness (ISEA) Project (Phase-II)

Structure and Functions of Participating Institutes

Based on the experience gained during implementation of the ISEA Project, it is proposed to scale up formal & non-formal courses and faculty updation programs in the area of Information Security at various levels. This would mainly include B.Tech., M.Tech., Doctoral/Post-Doctoral, Short-Term Specialized/Modular Courses, etc. This is proposed to be achieved through a two-tier mechanism/structure comprising of Resource Centres (RCs) and Participating Institutes (PIs).The structure & functions -- setting up of RCs & PIs, formal program and short-term course to be offered by RCs/PIs, faculty training aspects, targets and approach to syllabus revision are presented in the succeeding section.

Setting up of Participating Institutes (PIs)

Participating Institutes (PIs)

It is proposed to have three categories of PIs:

(i) 23 Institutes (to include remaining PIs of Phase-I, NITs, State Universities/R&D labs/Engineering Institutes, etc)
(ii) 12 Centres of CDAC & NIELIT; and
(iii) Special category PIs: 05 Technical Universities, National Institute(s) of Technical Teachers Training and Research (NITTRs), etc.

In totality 40 PIs would be chosen to participate in the Phase-II.

The **first category** covering 23 PIs would introduce Information Security Curriculum at B.Tech and M.Tech Levels. Some of these (Type-I) would be groomed to launch new course in M.Tech in Information Security / integrated B.Tech / M.Tech (IS/CS). While the others (Type-II) will carry out retrofitting of their existing B.Tech/M.Tech courses with Information Security courses.

The **second category** of 12 PIs from CDAC and NIELIT centres (Type-III) have been proposed to carry out 6-Month/1 yr. PG Diploma, Short-term practical/hands-on oriented training programme for the System Administrator/professionals, Certification of Professionals, etc. Also they would be involved in Government Official Training as envisaged in the project.

Special category PIs (Type IV): The third category i.e. 05 Technical Universities in State/ UTs as PIs has been added to broaden the reach of the Phase-II to a large category of students who are enrolled through various colleges affiliated to these Universities. These universities with suitable hand holding by ISRDC/RCs are expected to spread the Information Security courses not only in their own units but also to their affiliated engineering colleges.

These PIs would be conducting faculty development training programmes for their affiliated engineering colleges and other colleges in their region. These colleges can then in turn introduce Information Security curriculum in their B.Tech. and M.Tech. courses. This would also provide the opportunity to the affiliated engineering colleges to have access/exposure to the research aspects which are obtaining in the ISRDCs/RCs. This would also provide an

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Annexure-I

Information Security Education and Awareness (ISEA) Project (Phase-II)

Academic Outcomes / Deliverables (ISRDC/RC/PI) for Project Duration – Summary

Sl. No.	Components	ISRDC	Resource Centre		Participating Institute				Total
			Type-I	Type-II	Category 1		Category 2 (CDAC/ NIELIT Centres)	Category 3 (Special Category)	(All Inst.)
					Type-I	Type-II	Type-III	Type-IV	
A	No. of Institutions	4	4	3	12	11	12	5	51
B	Manpower Deliverables per Institution								
1	Post Doctoral	10	5	5	–	–	–	--	75
2	Ph.D	18	10	10	–	–	–	–	142
3	MS by Research	20	20	20	–	–	–	–	220
4	New M.Tech. (IS)/M.Tech. (CS with specialisation in IS)	–	72	–	54	–	–	–	936
5	Integrated B.Tech / M.Tech in (IS / CS)	–	120	–	90	–	–	–	1,560
6	M Tech (Retrofit/Thesis in IS)	100	225	225	180	180	–	72	6,475
7	B Tech (Retrofit)	–	900	900	720	720	–	9,000	67,860
8	Professional from Industries, Government, Research Labs, etc.	30	--	–	--	–	--	--	120
9	6-Month Certificate/ Diploma /1-Yr PG Diploma	–	–	–	–	--	150	--	1,800
10	Certification in IS (three levels jointly by NIELIT & CDAC)	--	–	–	--	–	1,500	–	18,000
11	One/two week Modular courses	250	250	250	250	250	500	–	14,500
12	Faculty Training (Advance level)	250	–	–	–	–	–	–	1,000
13	Faculty Training	–	50	50	–	–	–	200	1,350
	Total (B)	678	1,652	1,460	1,294	1,150	2,150	9,272	1,14,038
C	**Total Manpower Deliverables per Category (A x B)**	**2,712**	**6,608**	**4,380**	**15,528**	**12,650**	**25,800**	**46,360**	**1,14,038**
D	Other Deliverables per Institution								
	Paper Presentation	30	15	10	5	5	5	5	410

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subject area which could be used effectively for Technology forecasting, trend analysis, tracking the R&D developments, etc.

Faculty Training & Syllabus revision

It is proposed to suitably address/incorporate the lessons learnt from implementing the current project in terms of currency of syllabus in-line with the emerging needs and regular updating of faculty in sync with these changes, by launching suitable Faculty Training program and syllabus revision as given below:

- Each ISRDC would conduct Advance Faculty Training Programs in line with their thematic research area through short duration modular courses for the benefit of RCs and PIs.
- As the Information Security is constantly evolving with emergence of newer technologies and new research area, there is a need to continuously revise the syllabus. But, the syllabus revision cannot be undertaken until two batches pass out. This would lay a restriction of five years tenure for under graduate level syllabus and three years tenure for masters. However, this limitation could be overcome by ensuring that the minor/major project works undertaken by the students are of current /emerging topics.
- Each ISRDC, RC could announce a Faculty Training Program calendar well in advance. These training programs could be of short duration modular courses and would be aimed at the faculty of the PIs. Each cluster could identify and nurture a pool of experts from academic institution, industries etc. Technology enhanced learning including virtual laboratory could be extensively deployed for wider spread of such Faculty Training Program.

Non-formal courses & Short-term courses for professionals

The project would also incorporate a suitable methodology of launching non-formal courses and short-term courses for updating the skills/competencies of working professionals through C-DAC, NIELIT. The following are the salient features:

- In the area of non-formal courses it is proposed to implement the concept of virtual university by integrating formal and non-formal courses with a provision for flexible movement and credit transfer. Modular programs would be launched through C-DAC and NIELIT.
- C-DAC and NIELIT would also run formal & non-formal courses which would be integrated with virtual lab environment. NIELIT is in the process of setting up of a Virtual University and launch courses on a modular basis with flexibility to move from formal to non-formal course and vice-a-versa. C-DAC and NIELIT would closely collaborate for launching such courses in the Information security. This would also be targeted towards the requirements of government sectors and professionals working in autonomous societies/public sectors incorporating the provision of modularization and seem-less mobility of students between the C-DAC centres and NIELITs centres by incorporating cross recognition and credit transfer features.
- Conduct short-term courses - 6 month certificate course (Modular and Integratable to PG level)
- Launch Live/Direct Modular courses aimed at Programmers/Developers/Network Professionals, Information Security Management Professionals, Critical Information Infrastructure protection professionals, etc.
- Conduct online courses in Information Security for industry professional (using virtual labs).

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avenue for the faculties of these colleges to move toward obtaining PhD in Information Security area.

The Resource Centres are selected by National Apex Committee based on the recommendations of the Academic and Research Advisory Committee. These RCs would mentor up to Six (6) PIs which would be attached to them in the form of a cluster. This scaling up of the RC-PI Model, which has functioned efficiently in the previous ISEA Project, would facilitate achieving higher targets in-terms of number of human resource developed; and also enhancing the R&D activity, which would lead to generation of new knowledge.

Salient features of the RC-PI Structure are given below:

- As the Information Security is a constantly evolving area, the faculty of the proposed 07 Resource Centres would be actively involved in carrying out R&D, Academic activities and in constant interaction & cooperation with Four (4) Information Security Research & Development Centre (ISRDC) set up under the project, National/International community working in this area.
- Each RC would constantly interact with the PIs in its cluster and would also organize Faculty Training Program during the summer and winter vacation period. It is also essential to scale up the faculty-training course for PIs, through adoption of technology enhanced learning such as virtual labs, etc.
- 40 PIs with the constant mentoring from the RCs would conduct B. Tech/M. Tech, Short-Term Specialized/Modular Courses.
- The RCs & PIs would be grouped into 07 clusters with upto 6 PIs attached to an RC, taking into account their geographic proximity.
- These clusters could take up joint research projects on commonly identified research topics. RCs/PIs would also associate industries for joint research project.
- The RCs would facilitate the PIs in establishing a suitable placement mechanism.
- Suitable Information system would be put in place in all the RCs & PIs to track the students who had been trained under this program. The alumni corner to track the students who have undergone academic courses could be done through common ISEA website.

Launching formal courses on virtual mode using NKN

As a part of Learning Module development, it would be worthwhile to develop several one semester modular courses in the area of Information Security. These could be spawned as user oriented M.Tech. Programme and courses could be offered jointly over NKN by ISRDCs, RCs/PIs. Students can registers at RCs/PIs following suitable selection procedure. This would facilitate expanding the capacities and reach wider section of professionals and others.

The following programs can be implemented through NKN:

- One semester formal modular course on Information Security
- Online labs for Government officials
- Information security courseware repository for the benefit of RCs, PIs and other Implementing Agencies
- Deployment of E-Learning courses to continuously support professionals with requisite flexibility
- Creating a separate virtual group for ISEA's participating institutions.
- Proof of concept labs in Information Security.
- Technology Forecasting and the concerned lab analysis can be planned through NKN facility. The potential of the NKN to be used for getting access to latest trend in the

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Annexure- III

INFORMATION SECURITY EDUCATION & AWARENESS PROGRAMME (Phase-II)

Details of Budget for Activities as Participating Institutes (PIs) linked with Outcome

(Rs. in Lakh)

Sl. No.	Particulars	Year 1	Year 2	Year 3	Year 4	Year 5	Total
A	Core funding						
(i)	Capital Expenditure						
1	Equipment	30.00	0.00	0.00	5.00	0.00	35.00
2	Books/Journals	1.00	1.00	1.00	1.00	1.00	5.00
	Total (Capital)	**31.00**	**1.00**	**1.00**	**6.00**	**1.00**	**40.00**
(ii)	**Revenue Expenditure**						
1	LM/Courseware Development, Virtual Lab, Guest Faculty, Manpower, Travel, MIS, Contingencies, Consumables, Miscellaneous, etc.	4.00	4.00	4.00	4.00	4.00	20.00
2	Overheads (incl. Placement Assistance) @15%	0.60	0.60	0.60	0.60	0.60	3.00
	Total Core funding [To be linked with total Outcome/Deliverable achieved]	**35.60**	**5.60**	**5.60**	**10.60**	**5.60**	**63.00**
B	**Outcome/deliverable linked funding as indicated at (C) below**						
(a)	**Category-1 (Type-I: 12 PIs)**						
1	Stipend for New M.Tech. (IS)/M.Tech. (CS with specialisation in IS) **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
2	Integrated B.Tech / M.Tech in (IS / CS)	0.00	0.00	0.00	0.00	72.00	72.00
3	M Tech (Retrofit/Thesis in IS) [To be offered by 75 PIs] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
4	B Tech (Retrofit) [To be offered by 75 PIs] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
5	One/two week Modular courses **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
6	Paper Presentation [upto Rs. 40,000 per candidate]	0.40	0.40	0.40	0.40	0.40	2.00
7	Overheads (incl. Placement Assistance) @15%	0.06	0.06	0.06	0.06	10.86	11.10
	Sub-Total	**0.46**	**0.46**	**0.46**	**0.46**	**83.26**	**85.10**
	GRAND TOTAL (A+B(a))	**36.06**	**6.06**	**6.06**	**11.06**	**88.86**	**148.10**
(b)	**Category-1 (Type II: 11 PIs)**						
1	M Tech (Retrofit/Thesis in IS) [To be offered by 75 PIs] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
2	B Tech (Retrofit) [To be offered by 75 PIs] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
3	One/two week Modular courses **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00

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- Offer certification programmes aimed at Developers, System and Network Professionals, Information Security Management Professionals and Product based Certification & Standards.
- DSCI/NASSCOM would be appropriately involved for designing of courses and bringing in synergy with regard to industry requirements.

Details of course-wise deliverables/outcome and the year-wise Academic Outcomes/ Deliverables in respect of PIs are also elaborated below

Deliverables / Outcome for Participating Institutes - 40

Category of Courses	For Five years			Remarks
	Category-1 (23 PIs)	Category-2 (12PIs)	Category-3 (5 Tech Univ)	
PhD	--	--	--	1 Faculty from each to be groomed to take-up PhD which would be enrolled in RC/ISRDC
M Tech (Retrofit / thesis in IS)	180	--	72	45 Students * 4 Years (by 27 PIs excluding CDAC/NIELIT)
				18 Students * 4 Years (by 5 Univ./NITTRs)
New M Tech (IS)	54	--	--	18 Students * 3 Years (By 12 PIs)
Integrated B-Tech / M.Tech	90	--	--	By 12 PIs
B.Tech. (Retrofit)	720	--	9000	60 Students * 3 Streams * 4 Years (to be conducted by 27 PIs excluding CDAC /NIELIT)
				25 Colleges * 90 Students * 4 Years (by 5 Universities)
6-MonthCertificate/ Diploma /1-yr PG Diploma	--	150	--	30 Students * 5 Years (to be conducted by 6 PIs- CDAC /NIELIT)
One/two-week Modular courses	250	500	--	2 batches * 25 candidates * 5 years – (by 27 PIs)
				(4 batches * 25 candidates *5 years)- (by 6 PIs-CDAC/NIELIT)
Certification in IS (three levels jointly by NIELIT & CDAC)	--	1,500	--	300 Students / Direct candidates * 5 years (to be conducted by 6 PIs- CDAC /NIELIT)
Faculty Training	--	--	200	2 course * 25 candidate * 4 years(by 5 Univ)
Total	**1150~1294**	**2150**	**9272**	
Grand Total	**28,178**	**25,800**	**46,360**	**For 40 PIs**
	1,00,338			
Paper Publication	**200**			**1 paper*5 years*40Centres**

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3	M Tech (Retrofit/Thesis in IS)	0	45	45	45	45	180
4	B Tech (Retrofit)	0	180	180	180	180	720
5	One/two week Modular courses	50	50	50	50	50	250
	Sub-Total (Manpower)	*50*	*275*	*275*	*275*	*275*	*1150*
6	Paper Presentation	1	1	1	1	1	5
	Total	**51**	**276**	**276**	**276**	**276**	**1155**
(c)	**Category-2 (Type III: 12 PIs - CDAC/NIELIT Centres)**						
1	6-MonthCertificate/ Diploma /1-Yr PG Diploma	30	30	30	30	30	150
2	Certification in IS (three levels jointly by NIELIT & CDAC)	300	300	300	300	300	1500
3	One/two week Modular courses	100	100	100	100	100	500
	Sub-Total (Manpower)	*430*	*430*	*430*	*430*	*430*	*2150*
4	Paper Presentation	1	1	1	1	1	5
	Total	**431**	**431**	**431**	**431**	**431**	**2155**
(d)	**Category-3 (Type IV: 5 PIs – Tech. Univ.)**						
1	M Tech (Retrofit/Thesis in IS) (**No direct funding**)	0	18	18	18	18	72
2	B Tech (Retrofit) [To be offered by 25 affiliated colleges] (**No direct funding**)	0	2250	2250	2250	2250	9000
3	Faculty Training (one week course) [To be offered for their affiliated colleges, others]	0	50	50	50	50	200
	Sub-Total (Manpower)	*0*	*2318*	*2318*	*2318*	*2318*	*9272*
4	Paper Presentation	1	1	1	1	1	5
	Total	**1**	**2319**	**2319**	**2319**	**2319**	**9277**

Assumptions:

1 *The core funding would be required for encouraging the institutions to build new capabilities in this area and create an environment for capacity building as a participating institution*

2 *The Core Grant would be directly linked with the total outcomes/deliverables and the fund release for 2nd year onwards would be in proportion to the outcome achieved in the previous year*

3 *Funding support for Ph.D is not provided*

4 *The fund for faculty training are based on 'Summer School for Teachers in Technical Institutions during 2008-09' by AICTE with additionality of inflation, etc.*

5 *In addition to above, funds would also be available in the general pool for the following additional activities:*
(i) Organizing National/International Conference/Workshop
(ii) International / Bilateral / Multilateral Cooperation(depending on proposals)

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4	Paper Presentation [upto Rs. 40,000 per candidate]	0.40	0.40	0.40	0.40	0.40	2.00
5	Overheads (incl. Placement Assistance) @15%	0.06	0.06	0.06	0.06	0.06	0.30
	Sub-Total	**0.46**	**0.46**	**0.46**	**0.46**	**0.46**	**2.30**
	GRAND TOTAL (A+B(b))	**36.06**	**6.06**	**6.06**	**11.06**	**6.06**	**65.30**
(c)	**Category-2 (Type III: 12 PIs - CDAC/NIELIT Centres)**						
1	6-MonthCertificate/ Diploma /1-Yr PG Diploma [by 25 PIs] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
2	Certification in IS (three levels jointly by NIELIT & CDAC) **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
3	One/two week Modular courses**(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
4	Paper Presentation [upto Rs. 40,000 per candidate]	0.40	0.40	0.40	0.40	0.40	2.00
5	Overheads (incl. Placement Assistance) @15%	0.06	0.06	0.06	0.06	0.06	0.30
	Sub-Total	**0.46**	**0.46**	**0.46**	**0.46**	**0.46**	**2.30**
	GRAND TOTAL (A+B(c))	**36.06**	**6.06**	**6.06**	**11.06**	**6.06**	**65.30**
Sl. No.	**Particulars**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Total**
(d)	**Category-3 (Type IV: 5 PIs – Tech. Univ.)**						
1	M Tech (Retrofit/Thesis in IS) **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
2	B Tech (Retrofit) [To be offered by 25 affiliated colleges] **(No direct funding)**	0.00	0.00	0.00	0.00	0.00	0.00
3	Faculty Training Programme [@Rs.20,000 per candidate]	0.00	10.00	10.00	10.00	10.00	40.00
4	Paper Presentation [upto Rs. 40,000 per candidate]	0.40	0.40	0.40	0.40	0.40	2.00
5	Overheads (incl. Placement Assistance) @15%	0.06	1.56	1.56	1.56	1.56	6.30
	Sub-Total	**0.46**	**11.96**	**11.96**	**11.96**	**11.96**	**48.30**
	GRAND TOTAL (A+B(d))	**36.06**	**17.56**	**17.56**	**22.56**	**17.56**	**111.30**
C	**Outcomes/Deliverables**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Total**
(a)	**Category-1 (Type-I: 12 PIs)**						
1	New M.Tech. (IS)/M.Tech. (CS with specialisation in IS)	0	0	18	18	18	54
2	Integrated B.Tech / M.Tech in (IS / CS)	0	0	30	30	30	90
3	M Tech (Retrofit/Thesis in IS)	0	45	45	45	45	180
4	B Tech (Retrofit)	0	180	180	180	180	720
5	One/two week Modular courses	50	50	50	50	50	250
	Sub-Total (Manpower)	*50*	*275*	*323*	*323*	*323*	*1294*
6	Paper Presentation	1	1	1	1	1	5
	Total	**51**	**276**	**324**	**324**	**324**	**1299**
(b)	**Category-1 (Type II: 11 PIs)**						
1	New M.Tech. (IS)/M.Tech. (CS with specialisation in IS)	0	0	0	0	0	0
2	Integrated B.Tech / M.Tech in (IS / CS)	0	0	0	0	0	0

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xii) The grantee institution should maintain separate audited account for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest, thus earned should be reported to this Department. The interest so earned will be treated as a credit to the grantee to be adjusted towards future installments of the grant;

xiii) Sale proceeds of components, prototype, pilot project etc., fabricated as a result of the development of the project arising directly from funds granted by DeitY shall be remitted back to this department.

xiv) For the know-how generated by the project, guidelines for TOT/know-how transfer as given in Chapter VI of the *"Guidelines for Funding R&D Projects by DeitY"* will be applicable.

xv) DeitY will have the right to call for drawings, specifications and other data necessary to enable the transfer of know-how to other parties and the grantee shall supply all the needed data at the request of DeitY.

xvi) Application by grantee institution for any other financial assistance or receipt of grant/loan from any other Agency/Ministry/Department for this project should have the prior approval of DeitY.

xvii) The grantee institution is not allowed to entrust the implementation of this project for which grant-in-aid is received to another institution and to divert the grant-in-aid received from DeitY as assistance to the later institution.

xviii) DeitY shall appoint a Project Review and Steering Group (PRSG) comprising of representatives from DeitY and other experts. PRSG will periodically monitor the project in all respects including technical and financial.

xix) Grantee institution will examine IPR protection issues in consultation with IPR Cell, DeitY to file patents, register the copyrights etc. before making it public by publishing in the technical journals and books, presenting findings in Conferences etc.

xx) Institutions shall be encouraged to seek protection of Intellectual Property Rights (IPR) to the results of research through R&D Projects. While the patent may be taken in the name(s) of inventor(s), the institution shall ensue that the patent is assigned to it. The institution shall get its name entered in the Register of Patents as the proprietor of the patent. The Institution shall take necessary steps for commercial exploitation of the patent on exclusive/non-exclusive basis. The institution is permitted to retain the benefits and earnings arising out of the IPR. DeitY has a cell to guide and promote patent related matters (IPR cell).

xxi) In case of any dispute on any matter, related to the project during the course of its implementation, the decision of Secretary, DeitY, shall be final and binding on the institute.

xxii) In case the grantee institution is in receipt of more than fifty per cent of their recurring expenditure in the form of grants-in-aid, then the grantee institution should ordinarily formulate terms and conditions of service of their employees which are, by and large, not higher than those applicable to similar categories of

Chairperson, Electrical Engg. Deptt.
Jadavpur University
Kolkata-700 032

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ANNEXURE-IV

TERMS AND CONDITIONS GOVERNING GRANT-IN-AID

i) The grant is for the specific project as approved by the Department of Electronics and Information Technology (DeitY) and shall be subject to the following conditions:

a) The grant amount shall be spent for the project within the specified time
b) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to DeitY.

ii) The grantee institution shall maintain an audited record in the form of a register in the prescribed proforma for permanent, semi-permanent assets acquired solely or mainly out of DeitY grant;

iii) The assets referred to in (ii) above will be property of DeitY and should not, without prior sanction of DeitY, be disposed off or encumbered or utilised for the purposes other than those for which the grant has been sanctioned. An undertaking shall be given by the grantee institution that they agree to be governed by these conditions;

iv) At the conclusion of the project, DeitY will be free to sell or otherwise dispose of the assets which are the property of DeitY and grantee institution shall render to DeitY the necessary facilities for facilitating the sale of these assets;

v) The grantee institution shall send to DeitY at the end of each financial year as well as at the time of seeking further installments of the grant a list of assets referred to in (ii) above;

vi) Should at any time grantee institution cease to exist, such assets etc., shall revert to DeitY;

vii) The grantee institution shall render progress-cum-achievement reports at interval of not exceeding six months on the progress made on all aspects of the project including expenditure incurred on various approved items during the period.

viii) The grantee institution shall render an audited statement of accounts to DeitY.

ix) The audited statement of accounts relating to grants given during financial year together with the comments of the auditor regarding the observance of the conditions governing the grant should be forwarded to DeitY within six months following the end of the relevant financial year;

x) The utilization of grant for the intended purposes will be looked into by the Auditor of grantee institution according to the directives issued by the Government of India at the instance of the Comptroller and Auditor General and the specific mention about it will be made in the audit report;

xi) DeitY or its nominee/s will have the right of access to the books and accounts of the grantee institution for which a reasonable prior notice would be given;

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Received by ...

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
AGRICULTURAL ENGINEERING DIVISION
Krishi Anusandhan Bhawan-II, Pusa Campus
New Delhi-110012

F. No. Agri. Engg. 27(23)/ 2015-AE

Date: 20th Jan, 2016

To
Dr. Laxmikant Shivnath Badwaik
Assistant Professor, Dept. of Food Engg. & Tech.
Tezpur University, Tezpur -784028, Assam

Sub: Sanction of extramural research Project – reg.

Dear Dr. Badwaik:

I am pleased to convey the sanction of ICAR to the research project proposal "Development of active packaging film from various food wastes for the application on food products" submitted by you. This approval is for a period of two years from 01 February 2016 at a total cost of **Rs. 31.00 lakhs (Rupees thirty one lakhs only). You must however note that the financial sanction till March 2017 is for Rs. 27.52 lakhs.** The financial sanction for the rest of the project period will be conveyed to you once the budget provisions for 2017-18 are cleared.

The expenditure under different heads in each year must be restricted to the amount sanctioned for the purpose during that year as per the Budget estimates attached in **Annexure-I**. Any receipt from the project should to be credited to the Council.

The sanction for the years 2015-16 and 2016-17 is as under:

Years	Grant-in-aid Capital (In Rs lakhs)	Grant-in-aid General (In Rs lakhs)	Total (In Rs lakhs)
2015-16	5.00	2.50	7.50
2016-17	15.00	5.02	20.02

The grant is governed by the norms, conditions and guidelines of the scheme "ICAR Extramural Research Projects" available on website of ICAR. The objectives and technical programmes as approved by the Project Scrutiny Committee are to be implemented. The continuation of the project and release of subsequent funds will be subject to timely submission of progress reports and statement of expenditure in proper format.

If the grant is acceptable to the Institute/University a letter of acceptance may please be sent to the undersigned immediately so the grant will be released.

Yours faithfully

Dr. Kanchan Kumar Singh
Assistant Director General (Engg.)

Encl: as above
Copy to: The Dean, Research & Development, Tezpur University, Tezpur -784028, Assam

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(34)

NO SB/EMEQ-215/2014

SCIENCE & ENGINEERING RESEARCH BOARD
(SERB)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

ORDER **Dated** 23-1-2016

Subject: Financial Sanction of the research project titled *"Studies on Exosomal lipidomics and Micro RNAs and their clinical utility in the management of metastatic and multiple drug resistant breast cancer."* under the guidance of **Dr. Anand M Ramteke, Department of Molecular Biology & Biotechnology, Tezpur University, Tezpur- 784028.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs.54,03,200/-(Rupees Fifty four lakh three thousand & two hundred only)** with break-up of **Rs.18,00,000/- under Non-Recurring head** and **Rs.36,03,200/- under Recurring head** for a duration of **4 years**. The items of expenditure for which the total allocation of **Rs.54,03,200/-** has been approved for a period of **4 years**, are given below:

Sl. No	Head	Total (in Rs.)
A	**Non-recurring Items**	
	Equipment 1. CO_2 Incubator 2. Inverted Microscope 3. Gas Blowing Evaporator 4. Laminar Air Flow Hood 5. UV-VIS Spectrophotometer 6. Refrigerated Centrifuge	18,00,000/-
A'	**Total (Non-Recurring)**	**18,00,000/-**
B	**Recurring Items**	
1.	Recurring –A [Manpower -One; Consumables; National Travels; Contingencies]	31,12,000/-
2.	Recurring –B Overhead Charges	4,91,200/-
B'	Total (Recurring)	**36,03,200/-**
C	**Total cost of the project (A' + B')**	**54,03,200/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs.18,00,000/-(Rupees Eighteen lakh only) under "Non-Recurring"** and **Rs.9,00,000/-(Rupees Nine lakh only) under "Recurring"** being the grant for the year 2015-16, for implementation of the above said research project.

3. The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-SC)"**. This release is made under ***"Empowerment and Equity Opportunities for Excellence in Science" program.***

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, **SERB/F/7458/2015-16 dated 21.01.2016 .**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in.**

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

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8. The total release amount of **Rs.27,00,000/- (Rupees Twenty seven lakh only)** will be drawn **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their details given below

Account Name	**Tezpur University, R&D**
Account Number	**32988673022**
Bank Name & Branch	**State Bank of India, Main Branch Tezpur**
IFSC/RTGS Code	**SBIN0000195**

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization Certificate and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

13. The sanctioned equipment & consumables would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(AMITAVA ROY)
SCIENTIST-F

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr.Anand M Ramteke**
Department of Molecular Biology & Biotechnology
Tezpur University
Tezpur- 784028
Email id:anand@tezu.ernet.in ramteke_a@rediffmail.com

5. **The Registrar**
Tezpur University
Tezpur- 784028.

(AMITAVA ROY)
SCIENTIST-F

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ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL
(Department of Science & Technology, Govt. of Assam)

Bigyan Bhawan
G.S. Road
Guwahati - 781 005
Assam, India

Telephone : 0361-2461240
: 0361–2464618
Fax : 0361-2464617
E -mail: itgastec@rediffmail.com

ASTEC/S&T/1614(4/1)/2014-15/3769

Dt. 16-02-2016

From : Dr. A. K. Misra,
Director, ASTE Council
Guwahati, Assam

To : Dr. Charu Lata Mahanta, Professor & Dean (R&D),
Department of Food Engineering & Technology, School of Engineering, Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028

Sub : Project title **"Development of functional carambola juice incorporated with anthocyanins from bran of pigmented rice varieties of Assam."**

Ref: Your letter no. DoRD/Project/10-10/5776, dt: 30/06/15

Sir,

In inviting a kind reference to the subject and your letter as mentioned above, the undersigned is pleased to sanction a sum of **Rs. 2,65,000/-** (Rupees Two Lakhs Sixty Five Thousand only) for the project letter "Development of functional carambola juice incorporated with anthocyanins from bran of pigmented rice varieties of Assam" submitted by you under the following heads of expenditure:

Sl..	Items	Budget (Rs.)		
		1st year	2nd year	Total
1.	Consumables	1,20,000.00	1,10,000.00	2,30,000.00
2.	Raw materials	10,000.00	5,000.00	15,000.00
3.	Travel	10,000.00	10,000.00	20,000.00
		1,40,000.00	**1,25,000.00**	**2,65,000.00**

Grand Total: 2, 65, 000/- (Rupees Two Lakhs Sixty Five Thousand only)

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You are requested to note the following points:

- Out of total sanctioned amount, a sum of Rs. 1,85,000.00 (Rupees One Lakh Eighty Five Thousand) only will be released as first installment. The balance amount of Rs. 80,000.00 (Rupees Eighty Thousand) only will be released after receipt of final report of the project along with the utilization certificate, expenditure statement, original vouchers, reports, etc. At the end of the project, the P.I has to submit 3 (three) hardbound project reports (observations, photographs, findings, evaluations, etc).
- Six monthly progress reports are to be submitted by the P.I to the Council.
- The accounts shall be open for inspection by the sanctioning authority/audit whenever the institute/ individual is called upon to do.
- Enclosed herewith a copy of "BOND FOR ACCEPTING GRANTS" and it should be signed by Head of the Institution/ organisation/ individual.
- The above mentioned project is to be completed within two years.

It is to be noted that under no circumstances you can avail any grants/ sanction from any other department against the aforesaid project.

You are requested to submit your acceptance of the grant along with "BOND FOR ACCEPTING GRANTS" and other terms and conditions mentioned above immediately so that the fund can be released accordingly.

Yours faithfully

(Dr. A. K. Misra)
Director, ASTE Council

Copy to:

1. Registrar, Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028.
2. Dy. Finance & Accounts Officer, ASTE Council.
3. Concerned file of S&T Division, ASTE Council.

- for favour of kind information and necessary action

(Dr. A. K. Misra)
Director, ASTE Council

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Government of India
Department of science and technology
(International Division)

INT/HUN/P-07/2016

Dated: 23.02.2016

ORDER

Subject: Implementation of India-Hungary project entitled "Biochemical and biofuels from lignocellulosic biomass by Green catalytic" coordinated by Dr. Dhanapati Deka, Tezpur University, Tezpur, Assam with his Hungarian counterpart Dr. Valyon Jozsef, Academy of Sciences, Budapest, Magyar Tudosok, Hungary under indo – Hungarian.

Sanction of the President is hereby accorded for an DST and Hungarian Programme of cooperation in Science & Technology entitled "Biochemical and biofuels from lignocellulosic biomass by Green catalytic" under the MoU DST-Hungary at a total cost of **Rs. 34,42,600/- (Rupees Thirty Four Lakh Forty Two Thousand and six Hundred)** for a period of three years as under:-

Item of Expenditure	Amount		
	First year	Second year	Third year
1. **Consumables**	4,50,000	4,50,000	4,50,000
2. **Contingency**	50,000	50,000	50,000
3. **Mobility of Scientist**			
Total 4 visits from each side in three year			
• For visit of Indian scientists to Hungary	1,88,000	94,000	94,000
• For visit of Hungarian Scientist to India	1,44,000	72,000	72,000
(as calculated below)			
4. Manpower- JRF- 1 @ Rs. 25,000pm +10% HRA, 1st & 2nd year) and (Rs. 28,000 pm +10% for 3rd	3,30,000	3,30,000	3,69,600
Year wise Cost	11,62,000	9,96,000	10,35,600
Overhead @ 10%	83,000	83,000	83,000
Total annual cost	12,45,000	10,79,000	11,18,600
Grand Total	**Rs 34,42,600/-**		

2. Sanction of the President is hereby accorded for release of 1st installment **Rs.12,45,000/- (Rupees Twelve Lakh Forty and Five Thousand only)** , Tezpur University R & D.

3. An amount of **Rs.12,45,000/- (Rupees Twelve Lakh Forty and Five Thousand only)** will be disbursed by means of electronic transfer (E-transfer) in Director, ARIBAS.

Account Holders name/ designation	Tezpur University R & D
Name of Bank & Branch	State Bank of India, Tezpur University
Bank Account Number	30448821505
IFSC Code	SBIN0000195
E-Mail	dhanapati@tezu.ernet.in
MICR Code	784002002

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4. The expenditure involved is debitable to:-

(i) Demand No. 77-Department of Science and Technology

(ii) Major Head-3425 B-Other Scientific Research

(iii) 60 others - Minor Head 60.798 International Co-operation S&T Co-operation with other Countries

(iv) 12.00.31 Grants-in-aid (general) during the current financial year 2016-17(PLAN).

5. The Project will be coordinated by Dr. Dhanapati Deka, Tezpur University, Tezpur, Assam with his Hungarian counterpart Dr. Valyon Jozsef, Academy of Sciences, Budapest, Magyar Tudosok, Hungary, under indo – Hungarian. from Indian and Hungary side respectively and will be presumed to commence from the date of issue of this sanction.

6. Dr. Dhanapati Deka, Tezpur University, Tezpur, Assam is required to submit technical progress r periodically (at least once in six months) and a final report at the end of project.

7. As and when required, proposal for a visit under the project should be sent to DST at least six prior to the initiation of the visit. The grant for exchange visit is to be operated subject to the condition th prior approval of this Department would be obtained on all project related visits to be undertaken scientists from either side in connection with the implementation of the project on a case to case basis any expenditure is incurred in this regard. Break up for proposed expenditure on each exchange visit calculated broadly as below:

a) Break up of expenditure on each visit of Indian Scientists visiting collaborative Institute is calculated b as below:

• International Fare Tezpur -Budapest – Tezpur By excursion/economy class (Cheapest available fare)	Rs 80,000
• Medical Insurance (Silver class)	Rs 4,000
• Domestic Travel related to visit	Rs 2,000
• Visa Fee (as per actuals)	Rs 8,000
Total:	Rs. 94,000

b) Break up of expenditure on each visit of Hungarian scientists and project staff visiting the Indian collaborative Institute (for an average duration of two weeks) :

• Accommodation @ Rs. 2500*14 day	Rs 35,000
• Per diem@ Rs. 2500 *14 days	Rs 35,000
• Local transport	Rs 2,000
Total	Rs 72,000

8. The institute will maintain separate audited accounts for the project and the amount of grant will in a bank account earning interest. The interest earned should be reported to DST while submi Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a cred institute to be adjusted towards further installment of the grant".

9. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and inter where the Government of India bears the cost of air passage, the officials concerned may travel on India. For travel to stations not connected by Air India, the officials may travel by Air India to the h closest to their eventual destination, beyond which they may utilize the services of another airli should also preferable be an alliance partner of Air India.

10. No re-appropriation will be allowed from one item/sub head of expenditure to another item sub expenditure and copies of claims may be called by DST if required. This sanction order has been current financial year 2016-17 and is valid up to 31-03-17 only. For incurring any expenditure in next year (year 2017-18), PI should apply to DST for carry forward of unspent balance to 2016-17 during Ap

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for seeking carry forward approval/sanction order. Indian Project coordinator should furnish the requisite utilization certificate immediately at the end of the each financial year (ending 31st March) along with the audited statement of expenditure and progress report.

11. *"There is provision for manpower in the project. For recruitment of manpower there should be nominee from DST also in selection committee. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project. Project staff should be selected as per the DST norms, as indicated in DST Office Memorandum no.SR/S9/Z-09/2012 dated : October, 21, 2014.*

12. ***Due acknowledgement of support received from DST should mandatorily be made in publication/ media release resulting from this project grant during and after the completion of the project.***

13. The account of the grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institution is called upon to do so, as laid down under Rule 211 (i) of General Financial Rules.

14. This issues under the delegated powers to the Minister/Departments and with approval of Director, Integrated Finance Division vide Diary No. C/6696/ 2016-17 dated 22.02.2017.

15. This sanction order has been noted at Sl. No. 386 in Grant in Aid register.

16. No UC/SE is due from Tezpur University for this project.

(S.K.Varshney)
Scientist "G"

To,

The Pay & Accounts Officer, Department of Science & Technology, New Delhi-110016

Copy to:

1. Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. Dr. Dhanapati Deka, Tezpur University, Tezpur, Assam- 784028, *"There is provision for manpower in the project. For recruitment of manpower there should be nominee from DST also in selection committee. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."* ***DST should get acceptance of the terms of this grant from the Institute.***
6. Director, Tezpur University, Tezpur, Assam- 784028,. *"There is provision for manpower in the project. For recruitment of manpower there should be nominee from DST also in selection committee. As soon as someone is appointed his/her name, copy of joining report, appointment order, qualifications & post should be sent to DST. Positions of manpower are co-terminus with duration of the project and DST would have no liability to meet these manpower costs beyond the duration of the project."* ***DST should get acceptance of the terms of this grant from the Institute.***

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Administrative
(Application No: U-Excel/2014/61)

File No. BT/554/NE/U-Excel/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 24 / 2 /2016

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's programme for the NE'** titled **"Identification of exercise induced myokine(s) and its role on white on brown/beige adipocyte conversion and suppression of obesity induced adipose tissue inflammation and insulin resistance"** by Dr. Suman Dasgupta, Tezpur University, Napaam, Sonipat, Assam at a total cost of ₹ **116.59 lakhs (Rupees One Crore Sixteen lakhs and Fifty Nine Thousand only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Identification of exercise induced myokine(s) and its role on white on brown/beige adipocyte conversion and suppression of obesity induced adipose tissue inflammation and insulin resistance.

2.2 Project Investigators

2.2.1 Principal Investigator: Dr. Suman Dasgupta,
Assistant Professor,
Dept. of Molecular Biology & Biotechnology,
Tezpur University, Sonipat, Napaam-784028,
Assam

2.3 Objectives:

1. To identify the myokine(s) synthesized in response to exercise and its involvement in white to brown/beige fat conversion.
2. To Study the role of exercise induced myokine(s) on the prevention of lipid induced activation of JNK and/or IKK kinases and insulin resistance.
3. To examine the role and underlying mechanism involved in inhibiting lipid induced adipose tissue inflammation by exercise induced myokine(s).
4. To evaluate the role of these myokines in lipid induced macrophage infiltration and macrophage M 1 Polarisation state in the adipose tissue.

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2.4 Time Schedule:

The duration of the project is **Three Years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Assam

S. No.	Description of equipment	Grant Sanctioned (Rupees in lakhs)
1.	Biosafety Cabinet	5.00
2.	Fluorescent inverted microscope	20.00
3.	-80° C Freezer	6.00
4.	Multimode Detector	22.00
5.	Shaking Water Bath	2.00
	Total	**55.00**

2.6 Manpower:

Fellowship Conditions:
A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008.

2.6.1 Tezpur University, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF(2)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA	6.60	6.60	7.39	**20.59**
		Total	**6.60**	**6.60**	**7.39**	**20.59**

2.7 Budget Estimate:

The total cost of the project is **₹ 116.59 lakhs (Rupees One Crore Sixteen lakhs and Fifty Nine Thousand only)** as per budget summary given below:

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2.7.1 Tezpur University, Assam

(₹ in lakhs)

S. No.	Head	1st Year	2nd Year	3rd Year	Total
	I. Non -Recurring				
1.	Equipment's & accessories	55.00	0.00	0.00	**55.00**
	II. Recurring				
1.	Manpower	6.60	6.60	7.39	**20.59**
2.	Consumables	10.00	10.00	10.00	**30.00**
3.	Travel	0.50	0.50	0.50	**1.50**
4.	Contingency	0.50	0.50	0.50	**1.50**
5.	Overhead Charges	3.00	3.00	2.00	**8.00**
Recurring Total (1-5)		**20.60**	**20.60**	**20.39**	**61.59**
Grant Total (I+II)		**75.60**	**20.60**	**20.39**	**116.59**

(i) Grand total for 3 years = ₹ 116.59 lakhs
(ii) Total for 1st year release = ₹ 75.60 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the department and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 06 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 The Institute/Agency will keep the whole of the grant in an Interest Bearing Bank Account, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/ Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

2.8.6 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.9 Additional Terms & Conditions, specific for U-Excel R&D program for NER:

2.9.1 PI should work for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, the PI should participate & make presentation.

2.9.3 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No.102/I.F.D/SAN/2123-2129/2015-2016,Dated 03.09.2015.**

2.10.1 This sanction order has been noted at **Serial No.348.** in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

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3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T. Madhan Mohan)
Advisor, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Sonipat, Napaam-784028, Assam.
6. The Vice Chancellor, Tezpur University, Sonipat, Napaam-784028, Assam.
7. Dr. Suman Dasgupta, Assistant Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Sonipat, Napaam-784028, Assam.
8. Concern file.
9. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T. Madhan Mohan)
Advisor, DBT

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Application No. U-Excel/2014/61

BT/554/NE/U-Excel/2014
Government of India
Ministry of Science & Technology
Department of Biotechnology
(NER-BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated 27/03/2019

EXTENSION ORDER

Sanction of the President is hereby accorded to the extension of the project entitled **"Identification of exercise induced myokine(s) and its role on white on brown/beige adipocyte conversion and suppression of obesity induced adipose tissue inflammation and insulin resistance"** by **Dr. Suman Dasgupta, Tezpur University, Sonipat, Napaam, Assam** for the period of Six Months within already sanctioned budget i.e upto August 23, 2019. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/554/NE/U-Excel/2014 dated 24/02/2016.**

Vaishali

Dr. Vaishali Panjabi
Scientist "E"

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SB/EMEQ-461/2014

SCIENCE & ENGINEERING RESEARCH BOARD
(SERB)

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

Dated 10/3/2016

ORDER

Subject: Financial Sanction of the research project titled ***"Development of Ready to Reconstitute Freeze Dried Misti Dahi Powder.,"*** under the guidance of **Dr. Dibyakanta Seth, Department of Food Engineering and Technology , Tezpur University Tezpur,-784028, Assam.**

Sanction of **SERB** is hereby accorded to the above mentioned project at a total cost of **Rs.5,50,000/- (Rupees Five lakh fifty thousand only) under Recurring head** for a duration of **1 year**. The items of expenditure for which the total allocation of **Rs.5,50,000/-** has been approved for a period of **1 year**, are given below:

Sr. No.	Head	Total (in Rs.)
	Recurring Items	
1.	Honorarium for the mentor(@ Rs.3,000/- per visit), Consumables, Characterization/Analytical charges, National Travel and Contingencies	**5,00,000/-**
2.	Overhead Charges	**50,000/-**
	Total (Recurring Items + Overhead Charges)	**5,50,000/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs.5,00,000/-(Rupees Five lakh only) under "Recurring"** being the grant for the year 2015-16, for implementation of the above said research project.

3. The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-SC)"**. This release is made under ***"Empowerment and Equity Opportunities for Excellence in Science" program.***

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, **SERB/F/8417/2015-16 dated 10.03.2016.**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in**.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. The total release amount of **Rs.5,00,000/- (Rupees Five lakh only)** will be drawn by the **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**SBI, Main Branch, Tezpur**
IFSC/RTGS Code	**SBIN0000195**

Cont.2/-

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8. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

9. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The institute will furnish to the SERB, Utilization Certificate and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

12. The sanctioned equipment & consumables would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

13. As this is the first grant being released for the project, no previous U/C is required.

14. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(NILOTPAL GHOSH)
SCIENTIST-E

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr. Dibyakanta Seth**
Department of Food Engineering and Technology
Tezpur University
Tezpur,- 784028, Assam
Email id:dibya05@gmail.com

5. **The Registrar**
Tezpur University
Tezpur,- 784028, Assam

(NILOTPAL GHOSH)
SCIENTIST-E

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SB/EMEQ-361/2014

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor,
Vasant Square Mall, Plot No. A,
Community Centre, Sector-B, Pocket-5
Vasant Kunj, New Delhi-110070

Dated 10/3/2016

ORDER

Subject: Financial Sanction of the research project titled ***"Establishment and evaluation of probiotics potentiality of isolated lactobacilli strains and comparative analysis of their gene expression profile during transit in a simulated gastrointestinal tract conditions."***, under the guidance of **Dr. Raj Kumar Duary, Deptt. of Food Engineering and Technolog,School of Engineering Tezpur University, Sonitpur,-784 028, Assam.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs.11,00,000/-(Rupees Eleven lakh only)** under **Recurring head** for a duration of **2 years**. The items of expenditure for which the total allocation of **Rs.11,00,000/-** has been approved for a period of **2 years**, are given below:

		Total (in Rs.)
1	**Head**	
	Recurring Items (General)	
1.	General –A Manpower, Consumables, National Travel, Contingencies and Minor Equipments.	10,00,000/-
2.	General –B Overhead Charges	**1,00,000/-**
	Total (General-A + General-B)	**11,00,000/-**

2. Sanction of the **SERB** is also accorded to the payment of **Rs.6,00,000/-(Rupees Six lakhs only) under "Recurring"** being the grant for the year 2015-16, for implementation of the above said research project.

3. The expenditure involved is debitable to **"Fund for Science & Engineering Research (FSER-SC)"**. This release is made under ***"Empowerment and Equity Opportunities for Excellence in Science" program.***

4. The Sanction has been issued with approval of the competent authority under delegated powers and vide Diary No, **SERB/F/8190/2015-16 dated 03.03.2016 .**

5. Sanction of the grant is subject to the condition given at the website **www.serb.gov.in**.

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head General-A, it should be ensured that not more than Rs.75,000/- each should be spent for travel and contingency.

Cont.2/-

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8. The total release amount of **Rs.6,00,000/- (Rupees six lakhs only)** will be drawn by the **Finance and Budget Officer of the SERB** and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**SBI, Main Branch, Tezpur**
IFSC/RTGS Code	**SBIN0000195**

9. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest, the interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

10. As per rule 211 of GFRs, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

11. The institute will furnish to the SERB, Utilization Certificate and an Audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship etc. beyond the duration of the project

13. The sanctioned equipments and consumbles would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

14. As this is the first grant being released for the project, no previous U/C is required.

15. After completion of the project unspent balance, if any, should be returned as Demand Draft drawn in favor of "**Fund for Science and Engineering Research**" payable at New Delhi.

(NILOTPAL GHOSH)
SCIENTIST-E

To,
Finance & Budget Officer
SERB, New Delhi.

Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002.
2. Sanction folder, SERB, New Delhi.
3. File Copy

4. **Dr. Raj Kumar Duary**
   Deptt. of Food Engineering and Technology
   School of Engineering
   Tezpur University
   Sonitpur,-784 028, Assam.
   Email id: duary@tezu.ernet.in , rkduary@gmail.com

5. **The Registrar**
   Tezpur University
   Sonitpur,-784 028, Assam.

(NILOTPAL GHOSH)
SCIENTIST-E

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Revathy Vishwanath
Assistant Director (R P)
Tel # 011-26716690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
J NU Institutional Area, Aruna Asaf Ali Marg
New Delhi - 110067
E-mail: rpr@icssr.org Website: www.icssr.org

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F.No. 02/177/SC/2013-14/RPR

Dated: 28.12.2016

The Registrar
Tezpur University,
Napam, Tezpur,
Assam-784028

Subject: Research Project entitled "A Camparative Study of Educational Aspiration Levels in Relation to the Intelligence, Socio-Economic Status and Parental Encouragement amongst Scheduled Caste and Non-Scheduled Caste Students at Secondary Level in Assam".

Dear Sir,

This is in supersession to our earlier santion order of even No. dated 17.03.16 & 27.12.16, on the request of the project director regarding change of affiliation from The Registrar, Visva-Bharati, Santiniketan to The Registrar, Tezpur University, Assam of the above research project submitted by Dr. Nil Ratan Roy, Associate Professor, Department of Education, Tezpur University, Napam, Tezpur,Assam and amount in second installment has modified due to typographic mistake.

2. I am happy to inform that the ICSSR has sanctioned a grant-in-aid of **Rs. 6,00,000/- (Rupees six lakhs only)** for the above research project and the grant will be released as follows:

First installment:	Rs.	1,06,107.00	(Already released)
Second installment:	Rs.	2,23,893.00	
Third installment:	Rs.	90,000.00	
Fourth installment:	Rs.	90,000.00	
Fifth installment:	Rs.	45,000.00	
Final installment:	Rs.	45,000.00	
Total	**Rs.**	**6,00,000.00**	

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3. The **First** installment of the approved grant-in-aid of [redacted],000/- has been released to Assam University, Silchar after adjestment of exp[redacted]e incurred of Rs. 1,06,107/- balance of Rs. 1,33,893/- received from Assam University, Silchar which has been added to the second installment.

4. In case, the study involves survey research, the finalized schedules/questionnaires (5 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

5. The **subsequent** installments would be released on receipt of the **six monthly progress reports** on the project to be submitted by the Project Director **in the prescribed format (enclosed)** and simple statement of expenditure duly certified by the affiliating institution.

The **fourth** installment will be released after receiving:

a) The final Report on the research project (in triplicate) in a publishable form.

b) A short summary of the project report in triplicate in 2,000-5,000 words.

c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.

The **Final** installment will be released **only** after the receipt of the following documents under rule 1.10(3) of the ICSSR Research Grants and acceptance by the ICSSR:

a) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.
b) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.

6. The Project Director will have to attend the Mid-Term Appraisal, to be conducted by ICSSR after part of the project work is completed and shall make presentation on the progress of the research project before the subject experts.

7. The Director of the research project will be **Dr. Nil Ratan Roy**. Who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **21st March 2016,** as intimated by the scholar.

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8. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

9. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

10. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **ICSSR Research Grants scheme, available in the ICSSR website www.icssr.org.**

11. The expenditure on this account is debitable to the Budget Head-B Programmes Research Grants-**Plan SC**. (10) Grant-in-aid for research project (s).

12. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Ravethy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr. Nil Ratan Roy
   Associate Professor,
   Department of Education,
   Tezpur University,
   Napam, Tezpur,
   Assam-784028

2. Finance Branch, ICSSR, New Delhi

3. Record file

(Ravethy Vishwanath)
For MEMBER-SECRETARY

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भारतीय सामाजिक [illegible] न अनुसंधान परिषद्
(मानव [illegible] विकास मंत्रालय)
पोस्ट बॉक्स – 10528, अरूना आसफ अली मार्ग,
नई दिल्ली – 110 067
INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH
(Ministry of Human Resource Development)
Post Box No. 10528, Aruna Asaf Ali Marg,
New Delhi - 110 067
EPABX : 26741849-51 Fax : 91-11-26741836
E-mail : info@icssr.org Website : www.icssr.org

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Office of the Registrar
Receipt No 7127
Date ..... 06 MAR 2018
Received by .....

Revathy Vishwanath
Assistant Director (RP)

Serial No... 516
Date of Receipt 6/3/18.
Date: 30.01.2018
File No... DCAM R&D
Received by

F No. 02/177/SC/2013-14/RP

Dear Dr. Roy,

This has reference to your letter dated 16.01.2018 requesting us to extend the duration of the project for a period of six months to submit the final report pertaining to the Research Project entitled "**A comparative study of educationai Aspiration Levels in relation to the Intelligence socio-economic status and Parental Encouragement amongst Scheduled Caste and non-Scheduled Caste students at Secondary Level in Assam**" sanctioned to you.

We have considered your request and I am directed to inform you that you are permitted to submit the project report by 30-08-2018 **(no-cost technical extension of six months)**. The extension of six months is granted subject to the condition that there shall be no change in the approved budget and no request for further extension beyond the approval period will be entertained.

Original duration of 24 months is from 21-03-2016 to 20-03-2018.
Extension of 6 months from 21.03.2018 to 30.09.2018

With best regards,

Yours sincerely,

(Revathy Vishwanath)

Dr. Nil Ratan Roy
Associate Professor
Dept. of Education
Tezpur University
Napam, Tezpur
Assam-784028

Copy to:
The Registrar
Tezpur University
Napam, Tezpur
Assam-784028

(Revathy Vishwanath)

SO (R&D)

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No. 1(2)/2016-EMCD
Government of India
Ministry of Communications and Information Technology
Department of Electronics and Information Technology
(R&D in Electronics Group)
Electronics Materials and Component Development Division

To,

Dated: 30th March, 2016

The Pay & Accounts Officer
Department of Electronics & Information Technology
Electronics Niketan, CGO Complex, Lodhi Road
New Delhi-110003.

Subject: Release of funds as Grants-in-aid for the implementation of the project entitled "Design and realization of light weight shields to reduce electromagnetic interference (EMI) at microwave ranges (C and X band) with different geometries for customized applications like anechoic chamber, as terminations and stealth for strategic device camouflaging " by Tezpur University, Assam.

Category: 'A'- Statutory Body
Administrative Approval No. 1(2)/2016-EMCD dated 30th March, 2016

Sir,

I am directed to refer to this Department's Administrative Approval of even number dated 29th March, 2016 conveying the approval of the Competent Authority for the implementation of the above mentioned project at the total estimated cost of **Rs.216.04 Lakh (Rupees Two Crore Sixteen Lakh and Four Thousand only)** out of which Department of Electronics and Information Technology contribution would be **Rs. 216.04 Lakh (Rupees Two Crore Sixteen Lakh and Four Thousand only)** as grants-in-aid to Tezpur University, Assam over a period of thirty six months.

2. The Sanction of the President of India is hereby conveyed under the delegation of the Financial Power Rules, 1978 to the release of **Rs. 129.44 Lakh (Rupees One Crore Twenty Nine Lakh Forty Four Thousand only)** as **Part Payment of first Installment** of grants-in-aid to Tezpur University for the implementation of the project "Design and realization of light weight shields to reduce electromagnetic interference (EMI) at microwave ranges (C and X band) with different geometries for customized applications like anechoic chamber, as terminations and stealth for strategic device camouflaging" under the Electronics Materials Development Council (EMDC) for the Financial Year 2015-2016 (Plan and Non-recurring).

3. The grants-in-aid will be regulated in accordance with the provisions contained in the Terms and Conditions of Department of Electronics & Information Technology. The Grants-in-aid is also subject to the Chapter 9 of the General Financial Rules, 2005, as amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:

Rajneesh

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i) All relevant information and documents/certificates as required under GFR 209(1) have been received.

ii) The pattern of assistance of rules governing such grants-in-aid has received the approval of the Ministry of Finance, as required under Govt. of India Decision No. (1) Under DFPR – Rule 20.

iii) Terms and conditions of the service of the employees employed in Tezpur University under the project shall not be higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance would be obtained for such discrepancies as required under GFR 209(6) (iv) (a).

iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.

v) Tezpur University shall make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Government of India.

vi) The accounts of Tezpur University shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.

vii) The accounts of Tezpur University shall be open for inspection by the Sanctioning Authority and Audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and Internal Audit party by the Principal Accounts Office of the Ministry or Department whenever it is called upon to do so.

viii) Tezpur University may furnish their performance-cum-achievement report within the stipulated period to the Sanctioning Authority.

ix) Tezpur University will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in Rules/Memorandum of DeitY and for the purpose for which it is being sanctioned.

x) Grants -in-aid to Tezpur University is subject to the Economy Instructions issued from time to time by the M/o Finance or by the Competent Authority.

xi) Grants -in-aid shall be utilized with in stipulated period from the date of the receipt of the Grants-in-aid and unspent balance, if any will be refunded by Tezpur University to the Government of India.

xii) Tezpur University will maintain and will present their annual accounts in the standard format as required under GFR 209 (6).

xiii) The Sanction Order has been noted in GIA Register at **Sl.No. ' 30' at Page No. '8'.**

xiv) In case of Non-recurring Grant for specified object :

a) Tezpur University will have to spend the amount sanctioned to them within the stipulated period.
b) Utilization Certificate is to furnished by Tezpur University as required under GFR 212(A) read with GFR 19-A.

Contd...03

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4. Tezpur University is exempted from the execution of Surety bond in terms of Ministry of Finance O.M. No.14(1)/E-II(A)-64 dated 23.06.1965 and have accepted the terms and conditions for the grants-in aid.

5. The amount of **Rs. 129.44 Lakh (Rupees One Crore Twenty Nine Lakh Forty Four Thousand only)** will be paid by the Pay & Accounts Officer, Department of Electronics and Information Technology, New Delhi through **RTGS vide Tezpur Uiversity, Assam Saving A/C 30448821505, MICR Code : 784002002 IFSC : SBIN0000195, State Bank of India, Lake Road, Tezpur, Sonitpur, Assam.**

6. The expenditure involved will be met from within the Sanctioned Budget Grant of Department of Electronics & Information Technology under Demand No. 16, Department of Electronics & Information Technology, "2852", Industrial (Major-Head), 07-Telecommunication & Electronics Industries (Sub Major-Head), 07.202-Electronics (Minor Head), 85- Digital India Programme, 85.08-R&D in Medical Electronics and Health Informatics, 85.08.31-Grant-in-aid General for the year 2015-2016 (Plan & Non recurring)

7. In view of the instructions issued by Ministry of Finance vide O.M. No. 7(1)/E. Coord/202 dated 14.11.2012, it is certified that the Grantee Institute has no UCs as **"due for rendition"** under the Rules in respect of all the schemes/programmes/projects of the Department of Electronics & Information Technology.

8. This sanction issues in exercise of the powers conferred on this Department in consultation with Integrated Finance Division, DeitY vide their OPA No. 3056996 dated 28th March, 2016 and approval of Secretary, DeitY vide OPA No. 3056996 dated 29th March, 2016.

Yours faithfully,

RJuneja

(R.K. Juneja)
Joint Director

Copy to:

1. Pay & Accounts officer, DeitY, New Delhi
2. The Director, Office of the Director General of Audit, Scientific Deptt, Sham Nath Marg, Civil Lines, New Delhi-110054
3. D&D Section, DeitY (2 copies).
4. Finance Division, DeitY
5. The Director, Tezpur University, Napam, District Sonitpur, Tezpur Assam-784028
6. Prof. Nidhi Bhattacharya, Chief Investigator, Tezpur University, Napam, District Sonitpur, Tezpur Assam-784028
7. GC(R&DE)/HOD(EMCD)/ HOD(ME&HI)/ JD(RKJ)/SB (SKG), DeitY.
8. Master sanction folder.

RJuneja

(R.K. Juneja)
Joint Director

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No.1 (2)/2016-EMCD
Government of India
Ministry of Electronics and Information Technology
R&D in Electronics and Cyber Security Group
(Electronics Materials & Components Development Division)
Electronics Niketan, 6, CGO Complex, Lodi Road

New Delhi – 110003
Dated: 20th March, 2019

The Pay & Accounts Officer
Ministry of Electronics and Information Technology,
Electronics Niketan,
New Delhi: 110 003.

Subject: Extension of the duration of the project being implemented by Tezpur University, Assam.

Reference: Administrative Approval No. 1 (2)/2016-EMCD dated 30.03.2016.

Implementing Agency: Tezpur University, Assam (Central University).

Sir,

I am directed to refer to this Ministry's Communication of even number dated 30.03.2016 conveying the Administrative Approval of the Competent Authority for the implementation of the project entitled "Design and realization of light weight shields to reduce electromagnetic interference (EMI) at microwave ranges (C and X band) with different geometries for customized applications like anechoic chamber, as terminations and stealth for strategic device camouflaging" being implemented by Tezpur University, Assam at the total outlay of Rs 216.04 Lakh (Rupees Two Crore Sixteen Lakh and Four Thousand only) as grants-in-aid from Ministry of Electronics & Information Technology, MeitY over a period of 36 months.

2. I am now directed to convey the approval of the Competent Authority for the extension of the duration of the project for the period of 12 months i.e. upto 29.03.2020 without any enhancement in the project outlay.

3. There is no other change in the Administrative Approval of even number dated 30.3.2016 as well as the Terms & Conditions governing grants-in-aid for the implementation of the project.

4. This issues with the approval of GC (R&DE), Ministry of Electronics and Information Technology vide Diary No.297 dated 18.03.2019 as per the powers delegated in MeitY.

Yours faithfully,

(K. Bhanu Hariharan)
Deputy Director

Forwarded to Dean R&D for information. FS 26/4/19

Copy to:

1. The Director General of Audit, Scientific Department, Shamnath Marg, Civil Lines, New Delhi-110054.
2. D&D Section, MeitY (2 copies).
3. Finance Division, MeitY
4. The Vice-chanceller, Tezpur University, Napam, District Sonitpur, Tezpur, Assam-784028.
5. Prof. Nidhi Bhattacharya, Chief Investigator, Tezpur University, Napam, District Sonitpur, Tezpur, Assam-784028.
6. Group Coordinator (R&D-E&CS)/HOD (EMCD)/ DD(MS)/Scientist C (SG), MeitY
7. Sanction file/Master Folder.
8. Office of Group Coordinator (R&D E&CS): For entry in Expenditure Register.

(K. Bhanu Hariharan)
Deputy Director

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No. 1(2)/2016-EMC
Government of Ind
Ministry of Electronics and Informa nology
R&D in Electronics and Cyber Security Group
Electronics Materials and Component Development Division
Electronics Niketan 6, CGO Complex, Lodhi Road

Dated: 11.05.2020

To,

The Pay & Accounts Officers,
Ministry of Electronics and Information Technology,
Electronics Niketan,
New Delhi –110003.

Subject: Extension of duration of the project being implemented by Tezpur University, Assam

Reference: Administrative Approval No. 1(2)/2016-EMCD dated 30.03.2016

Implementing Agency: Tezpur University, Assam (Central University)

Sir,

I am directed to refer to this Ministry's Administrative Approval of even number dated 30th March, 2016 conveying the approval of the Competent Authority for the implementation of the above mentioned project at a total estimated cost of **Rs. 216.04 Lakh** (Rupees Two Crore Sixteen Lakh and Four Thousand only) (MeitY's contribution as grants-in-aid: **Rs. 216.04 Lakh (**Rupees Two Crore Sixteen Lakh and Four Thousand only) for a period of 36 months. The duration of the project was extended by twelve months i.e. upto 29th March, 2019 vide office O.M even number dated 20.03.2019.

2. I am now directed to convey the approval of the Competent Authority for further extension of the project by six months i.e. upto 29th September, 2020 without any cost escalation in project outlay.

3. There is no other change in the Administrative Approval of even number dated 30th March, 2016 as well as the Terms & Conditions governing the grants-in-aid for the implementation of the project.

4. This issues with the approval of Secretary, Ministry of Electronics and Information Technology vide e file no. 3056996 dated 08.05.2020 and concurrence of SS&FA, MeitY vide e file no. 3056996 dated 05.05.2020.

Yours faithfully,

(K. Bhanu Hariharan)
Deputy Director

Continued at page 2

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Copy to:

1. The Pay & Accounts Office (PAO), Ministry of Electronics and Information Technology (MeitY), New Delhi.
2. The Director General of Audit, Post & Telecommunication, Shamnath Marg, Civil Lines, Delhi-110054
3. Finance Division, MeitY.
4. The Vice Chancellor, Tezpur University, Assam, Napam, District Sonitpur, Tezpur, Assam-784028.
5. Prof. Nidhi Bhattacharya, Chief Investigator Tezpur University, Assam, Napam, District Sonitpur, Tezpur, Assam-784028.
6. GC (R&D E&CS)/Director (SC)/Scientist 'C' (SG)/DD (KBH), MeitY.
7. Sanction file/Project file.

(K. Bhanu Hariharan)
Deputy Director

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ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

F 8 APR 2016

No. F.3-8/2016/DRS-I(SAP-II) **March, 2016**

To
The Registrar,
Tezpur University,
Napaam, Sonitpur,Tezpur - 784028.
Assam.

Sub.: University Grants Commission Assistance to the **Department of Environmental Science, Tezpur University** at the level of **DRS-I for a period of 5 years (1-4-2016 to 31-3-2021)** under Special Assistance Programme (SAP).

Sir,

1. This has reference to the department profile and proposal submitted by the Department of Environmental Science of your University for consideration to support under Special Assistance Programme (SAP) of the UGC as per revised guidelines of the Programme.

2. The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

3. The Proposal of the department of **Environmental Sciences** was examined by the Expert Committee on **20th May,2015**. After a very careful and critical indepth examination of the academic achievements of the department, as given in the departmental profile, the Expert Committee recommended the department for consideration by the commission to support the department at the level of DRS-I

4. On the basis of the recommendations of the Expert Committee, I am directed to convey the approval of the Commission to provide financial assistance to the **Department of Environmental Science, Tezpur University** at the level of **DRS-I** for a duration of **5 years(2016-2021)** with the following thrust area(s) for research and teaching.

To
concerned file
To Prof. K.P. Sarma
&
Dr. R.R. Hoque
Ajmal
24/04/2016

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Thrust Area Identified

- **Addressing multi-sectoral climate change issue in Assam; North Eastern India through interdisciplinary approach**

As recommended by the Review Committee, the Co-ordinator & the deputy Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Prof. Kali Prasad Sarma (Coordinator) & Dr. R. R. Hoque (Dy. Coordinator) for **DRS-I** programme under SAP.

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

5. The financial assistance approved for implementing the present phase at the level of DRS-I for duration of **5 years (01/04/2016 to 31/03/2021)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	**Equipment** (Ion Chromatograph, HPLC, CHNS analyzer, Microwave Digestion System, River sediment samplers and bed material dredger)	95.00
2.	Building (Upgradation/augmentation extension of existing laboratory for housing and Installation of new equipments)	05.00
	TOTAL	**100.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs. 1.00 p.a.	05.00
2.	Chemicals/Consumables/Glassware @ Rs.2.00 p.a.	10.00
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.0.80 p.a.	04.00
4.	Seminars (for organization) on thrust area @ Rs. 1.00 p.a.	05.00
5.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.0.40 p.a.	02.00
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.1.00 p.a.	05.00
7.	Books and Journals @ Rs.0.80 p.a.	04.00
	Total	**35.00**
	Grand total (NR + R)	**135.00**

Item	**(Rs. In lakh)**
Non – Recurring	**Rs. 100.00**
Recurring	**Rs. 35.00**
Total (NR + R) for 5 years =	**Rs. 135.00**

(Rupees One Crore Thirty five lakh only)

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6. The University is to maintain a separate savings bank account for the grants released under Special Assistance Programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The University/ Department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory Committee), at the time of submitting the annual accounts for the programme.

7. The Co-ordinator should have the freedom to place orders and act as per directions of Advisory committee under intimation to the Head of the concerned department. The Advisory Committee, if it so feels, may constitute a purchase committee to deal with the matter.

8. Expenditure incurred or any amount deducted from the sanctioned amount by the University for any other purposes other than the items approved for implementing the programme will not be acceptable to the commission.

9. To avoid inbreeding in SAP supported departments regarding recruitment of teachers and intake of students, the Commission has decided that the appointment on the faculty position in the departments financially assisted under SAP of the University Grants Commission be made from among the applications who have obtained their last academic qualification (M.A./M.Sc./M.Phil/Ph.D) from the university other than the one for which the appointment is being made. It has also been decided that the preference be given to the students from other states on at least 20% of the prescribed number of seats for admission in Graduate and Post Graduate courses in the departments under SAP.

10. The University/ Department may follow the SAP Guidelines posted on the UGC website.

11. It may also be ensured that the physical facilities created under the Special Assistance Programme SAP/ASSIST may be opened, to be used by the other faculty members of the departments and other users within the University and from other University/Agency.

12. The University/Institute may follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Coordinator or Co-Coordinator) and also consititute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

    1) **Prof. M.K. Pandit, Environmetal Studies, Delhi University, Delhi-110007.(Mob.-9868647018)**
    (Email Id - mkpandit@cismhe.org)
    2) **Prof. SD Kashyap, Mizoram University, Aizwal – 796004,Mizoram.(Mob.-9774037072)**

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

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"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded for information and necessary action to:-

Prof. Kali Prasad Sarma
Co-ordinator (DRS-I Programme),
Department of Environmental Sciences ,
Tezpur University,
Napaam, Sonitpur, Tezpur – 784028, Assam.

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Sonitpur, Tezpur – 784028, Assam.**
2. The Head, **Department of Environmental Sciences , Tezpur University, Napaam, Sonitpur, Tezpur – 784028, Assam.**
3. The Secretary to the State Government of **Assam**, Department of Education, **Dispur.**
4. **Prof. M.K. Pandit, Environmetal Studies, Delhi University, Delhi-110007.(Mob.-9868647018) (Email Id - mkpandit@cismhe.org)**
5. **Prof. SD Kashyap, Mizoram University, Aizwal - 796004, Mizoram.(Mob.-9774037072)**
6. Guard File.

(Smita Bidani)
Education Officer

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(1) VC for kind perusal pl
(2) Dean (R&D) } for nec pl
(3) Dean, SOE
(4) P.O.

P. Bonah.
SAP file

Registrar
778
10/5/16

ज्ञान-विज्ञान विमुक्तये

10/5/16

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.3-11/2016/DRS-I(SAP-II)

Serial No... 4841
Date of Receipt 11.05.2016
File No... 4.20 P.M
Received by

11 March, 2016

11 APR 2016

To
The Registrar,
Tezpur University,
Napaam, Sonitpur, Tezpur - 784028.
Assam.

Sub.: University Grants Commission Assistance to the **Department of Food Engineering & Technology , Tezpur University** at the level of **DRS-I for a period of 5 years (1-4-2016 to 31-3-2021)** under Special Assistance Programme (SAP).

Sir,

1. This has reference to the department profile and proposal submitted by the Department of Food Engineering & Technology of your University for consideration to support under Special Assistance Programme (SAP) of the UGC as per revised guidelines of the Programme.

2. The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

3. The Proposal of the department of **Food Engineering & Technology** was examined by the Expert Committee on **28th May,2015**. After a very careful and critical indepth examination of the academic achievements of the department, as given in the departmental profile, the Expert Committee recommended the department for consideration by the commission to support the department at the level of DRS-I

4. On the basis of the recommendations of the Expert Committee, I am directed to convey the approval of the Commission to provide financial assistance to the **Department of Food Engineering & Technology, Tezpur University** at the level of **DRS-I** for a duration of **5 years(2016-2021)** with the following thrust area(s) for research and teaching.

Hi Das
For n/a plz. D
14/5/2016

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Thrust Area Identified

- **Rice Based Value added Products.**
- **Processing and value addition to herbs & fruits of North Eastern region.**

As recommended by the Review Committee, the Co-ordinator & the deputy Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Dr. Charulata Mahanta (Coordinator) & Dr. Manuj Kumar Hazarika (Dy. Coordinator) for DRS-I programme under SAP.

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

5. The financial assistance approved for implementing the present phase at the level of **DRS-I** for a duration of **5 years (01/04/2016 to 31/03/2021)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	**Equipment** (Super critical fluid extractor, Rhemeter, UV-Vis spectrophotometer, Freeze dryer, Accessory for texture analyser, PCR-Machine)	85.00
	TOTAL	**85.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs. 1.00 p.a.	05.00
2.	Chemicals/Consumables/Glassware @ Rs.1.50 p.a.	07.50
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.1.00 p.a.	05.00
4.	Visiting Fellows @Rs.1.00 p.a.	05.00
5.	Seminars (for organization) on thrust area @ Rs. 1.50 X 2 p.a.(Two Only)	03.00
6.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.0.20 p.a.	01.00
7.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.0.80 p.a.	04.00
8.	Books and Journals @ Rs.0.20 p.a.	01.00
	Total	**31.50**
	Grand total (NR + R)	**116.50**

Item	(Rs. In lakh)
Non – Recurring	Rs. 85.00
Recurring	Rs. 31.50
Total (NR + R) for 5 years =	Rs. 116.50

(Rupees One Crore sixteen lakh fifty thousand only)

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"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

R. Batra

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded for information and necessary action to:-

Dr. Charulata Mahanta
Co-ordinator (DRS-I Programme),
Department of Food Engineering & Technology ,
Tezpur University,
Napaam, Tezpur – 784028, Assam.

Copy for information to:

1. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Sonitpur, Tezpur – 784028, Assam.**
2. The Head, **Department of Food Engineering & Technology , Tezpur University, Napaam, Sonitpur, Tezpur – 784028, Assam.**
3. The Secretary to the State Government of **Assam**, Department of Education, **Dispur.**
4. **Dr. B.S. Khatkar, Department of Food Processing and Technology, Guru Jambheshwar University of Science and Technology, Hissar, Haryana - 125001.**
5. **Dr. Y.S.Dhaliwal, Department of Food Science, Chandra Shekhar Azad University, Palampur, Himachal Pradesh.**
6. Guard File.

(Smita Bidani)
Education Officer

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Dean, R&D
F.O.
(ARIS CT)

for map

Office of the Registrar
Receipt No. 6705
Date
Received by 15/3/16

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F. 530/6/DRS-II/2016(SAP-I)

February,2016

29 FEB 2016

The Registrar
Tezpur University
Napaam, Tezpur-784 028(Assam).

Sub: University Grants Commission Assistance to selected departments under Special Assistance Programme (SAP) – **Review of the Programme in the Department of Physics, Tezpur University, Napaam, Assam** for Continuation **from DRS-I to DRS-II for a period of 5 years (1.4.2016 to 31.3.2021).**

Sir,

1. The UGC Special Assistance Programme (SAP) is intended through *constant* effort to raise the quality of teaching/ research in different disciplines in Humanities, Social Science, Engineering & Technology science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. **The Department of Physics, Tezpur University, Napaam, Assam** was implementing **the DRS-I** of the programme approved for a duration of five years. **(2010-2015)**

3. As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department **on 26th May,2015 at UGC office, New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the terms as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. The UGC has approved the **Department of Physics from DRS-I to DRS-II programme** for a further period of **Five years from 1.4.2016 to 31.3.2021. The financial year 2015-2016 may be treated as gap year.**

6. On the basis of the recommendations of the Review Committee, I am directed to convey the approval of the University Grants Commission to the **up gradation** of the programme at the level of **DRS-II** for duration of **five Years** with the following thrust area(s) for research and teaching.

Thrust Area(s) Identified:

Condensed Matter Physics

As recommended by the Review Committee, the Co-ordinator of the programme for the present phase of the programme will be as indicated below:

Name of the Coordinator : **Dr. Ashok Kumar**
Name of the Deputy Coordinator: **Dr. Dambarudhar Mohanta**

16/3/2016

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The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for duration of **Five years (01/04/2016 to 31/03/2021)** are given below:

S.No.	**Non- Recurring** **Equipments**	Allocation (in lakh)
1	Time Resolved Photoluminescence	60.00
Total		60.00

Recurring

1	Contingency/ working expenses @ Rs.1.00 lakh p.a	05.00
2	Chemical/consumables/glasswaires @Rs.1.00 lakh p.a.	05.00
3	Travel/Field facilities/Field trips for faculty members (all within India) @ Rs. 0.50 lakh p.a.	02.50
4	Visiting Fellow@Rs.0.50 lakh p.a.	02.50
5.	Seminars for Organization on thrust area @ Rs.2.00 lakh p.s**(TWO)**	04.00
6	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme(for programme duration only) @Rs.0.60 lakh p.a	03.00
7	Advisory Committee meeting (TA/DA for UGC nominees in the Committee) @ Rs. 0.50 lakh p.a.	02.50
8.	Books & Journals @ Rs.1.00 lakh p.a	05.00
	Total	**29.50**

(Rs. In lakh)

Non –Recurring : Rs.60.00
Recurring: Rs.29.50
Total(NR+R) for 5 years Rs.89.50 (Rupees Eighty nine lakh fifty thousand only)

8. The University is to maintain a **saving** bank account for the grants released under Special Assistance programme. All interest earned by the university/department by investment of funds sanctioned and by the UGC under Special Assistance Programme will be treated as additional grant. The university/department will have to submit the Utilization Certificate of the earned interest (after prior approval of Advisory committee), at the time of submitting the annual accounts for the programme.

9. The university/department may follow the SAP Guidelines posted on the UGC website.

10. The university/institute may follow the norms for appointment of Programme Co-ordinator and Dy. Co-ordinator (no Joint Co-ordinator or Co-Co-ordinator) and also constitute an Advisory Committee as per the guidelines of the Commission and follow the terms of reference of the Advisory Committee to ensure effective implementation

RB

Scanned by TapScanner

29 FEB 2016

and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The department may contact the UGC nominees for their acceptance and intimate to the Commission.

1. **Prof. A. Srinivasan,**
   Department of Physics,
   Indian Institute of Technology Gauhati, Guwahati

2. **Prof. Mangal Mahato**
   Department of Physics, North Eastern Hill University,
   Shillong(Meghalaya)

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as give in the **UGC website www.ugc.ac.in**

11. The university/institute/department is requested to take immediate steps to submit the following information/documents for necessary action:

I Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.

II Name of the competent University Officer with full address in favour of the Demand Draft is to be sent by the UGC.

III Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure -V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.

IV Name of the Department Co-ordinator and Dy. Co-ordinator indicating (i) present designation (ii) specialised areas(s) of research and (iii) date of superannuation.

V List of members of the Advisory Committee constituted by the university/ institute as per guidelines.

VI Year-wise academic programme and action proposed to be undertaken by the department during the period of 5 years to implement the programme.

VII The annual report of the work done during the year (as per effective date of the programme) should be submitted by the Programme Co-ordinator highlighting the academic achievements in research and teaching and indicating separately the progress in procuring of equipment/construction of building (only addition, alteration and renovation, if sanctioned under the programme) and the list of papers published in referred journal during the year positively reported by the end of every year.

VIII A certificate from the Registrar of the university that the department is not self finance and is eligible to receive the UGC financial assistance.

12. The university/institute shall take all possible measures to ensure effective implementation of policies of Government of India relating to SC/ST students and teachers in regard to the UGC programme. In case of non-teaching staff, the policies of the Central Government in respect of Central Universities and of the State Government in respect of State Universities shall be implemented.

13. The first installment of admissible grant is being sanctioned separately. In the meantime, the university may submit the following information requested for at para **11 (i to viii)** by return of post.

14 No request for any change in the effective date will be considered.

RB

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15 The orders of purchase of equipment may be placed within six months from the date of receipt of the grant by the university.

16 The second and subsequent installment of grant for any approved items will be considered and sanctioned only on receipt of the Utilization Certificate of the earlier installment in the prescribed form duly signed by the Registrar/Finance Officer as the case may be.

19. **The University/Institution shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the University/institution has compiled with the anti-ragging measures by the stating that "The University/Institution/college is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutional, 2009"**

Yours faithfully,

R. Batra

(Dr. Renu Batra)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website : www.ugc.ac.in

Copy forwarded for information and necessary action to:

Dr. Ashok Kumar
Programme Co-ordinator (DRS-II)
Department of Physics
Tezpur University, Napaam, Assam-784 028

Copy for information to:

1. The P.S. to Vice Chancellor,
Tezpur University, Napaam, Assam-784 028

2. The Head, Department of **Physics**
Tezpur University, Napaam, Assam-784 028

3. The Secretary to the State Government of **Assam**
Department of Higher Education, Dispur

4. **Prof. A. Srinivasan,**
Department of Physics,
Indian Institute of Technology Gauhati, Guwahati

5. **Prof. Mangal Mahato**
Department of Physics, North Eastern Hill University,
Shillong(Meghalaya)

6. Guard File.

7. F. 530/19/DRS/2007(SAP-I)

(Ms. Smita Bidani)
Education Officer

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Dean, R+D
TY

ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.5-20/DRS-I/2016 (SAP-III)

February, 2016

To
The Registrar,
Tezpur University,
Napaam, Sonitpur,
Assam- 784 028

12 FEB 2016

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP) – Induction of the **Department of Sociology, Tezpur University, Napaam, Sonitpur, Assam- 784 028** at the level of **DRS-I for a period of 5 years (01-04-2016 to 31-03-2021).**

Sir,

1. This has reference to the departmental profile and proposal submitted by the Department of **Sociology** of your university for consideration to support under Special Assistance Programme (SAP) of the UGC as per revised guidelines of the Programme.

2. The UGC-Special Assistance Programme (SAP) is intended through constant efforts to raise the quality of teaching/research in different disciplines in Humanities, Social Science and Science subjects, Engineering & Technology department carefully selected on the basis of their work, academic achievement and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

3. The proposal of the Department of **Sociology** was examined by the Expert Committee on **18th May, 2015.** After a very careful and critical in-depth examination of the academic achievements of the department, as given in the departmental profile, the Expert Committee recommended the department for consideration by the Commission to support the department at the level of **DRS- I.**

4. The UGC has approved the **Department of Sociology** for induction under Special Assistance Programme at the level of **DRS-I** for a period of **five years from 01-04-2016 to 31-03-2021.**

5. On the basis of the recommendations of the Expert Committee, I am directed to convey approval of the University Grants Commission for induction under Special Assistance Programme at the level of **DRS-I** for a duration of **5 years** with the following thrust area(s) for research and teaching.

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Thrust Area Identified

- **Migration and the Politics of Identity.**
- **Sociology of North East India.**
- **Tribal Studies/Studies on Health and Education.**

As recommended by the Expert Committee, the Coordinator & the Deputy Coordinator o Programme for the present phase of the Programme will be as indicated below:

Name of Coordinator: - Prof. Chandan Kumar Sharma.
Name of Deputy Coordinator:- Prof. Kedilezo Kikhi.

The Coordinator may continue till the end of the present duration of the programme or till his superannuation.

6. The financial assistance approved for implementing the present phase at the level of DRS-I f duration of **5 years (01/04/2016 to 31/03/2021)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	Equipment (Computers, Printers, Cameras, TV, Air-conditioner, Voice-recorders)	6.00
	TOTAL	**6.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.1,00,000/- p.a.	5.00
2.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.80,000/- p.a.	4.00
3.	Visiting Fellows @Rs.70,000/- p.a.	3.50
4.	Seminars (for organization) on thrust area @ Rs. 1,20,000/- p.a.	6.00
5.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.50,000/- p.a.	2.50
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.60,000/- p.a.	3.00
7.	Books and Journals @ Rs.2,00,000/- p.a.	10.00
	Total	**34.00**

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	(Rs. In lakh)
– Recurring	Rs. 6.00
urring	Rs. 34.00
al (NR + R) for 5 years =	Rs.40.00

upees Forty lakh only)

niversity is to maintain a separate savings bank account for the grants released under Special sance Programme. All interest earned by the university/department by investment of funds ooned and by the UGC under Special Assistance Programme will be treated as additional . The University/ Department will have to submit the Utilization Certificate of the earned st (after prior approval of Advisory Committee), at the time of submitting the annual nts for the programme.

University/ Department may follow the SAP Guidelines posted on the UGC website.

University/Institute may follow the norms for appointment of Programme Coordinator and h Coordinator (no Joint Coordinator or Coordinator) and also constitute an Advisory mittee as per the guidelines of the Commission which can be downloaded from UGC website gc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective ementation and monitoring of the Programme. The constitution of the Advisory Committee is visory for all departments which are being supported under SAP. The UGC nominees in the mittee will be as indicated below. The departments may contact the UGC nominees for their stance and intimate the Commission.

1) **Prof. Tiplut Nongbri, CSSS, SSS-II, Jawaharlal Nehru University, New Delhi – 110 067, Mob : 09868496487.**

2) **Prof. N. Jayaram (Retd.), Tata Institute of Social Sciences, Mumbai – 400 088, Mob : 09535766565.**

active participation of the UGC nominees in each meeting of the Advisory Committee is ential. The composition and terms & reference of the Advisory Committee will be as given in UGC website **www.ugc.ac.in.**

versity/Institute/Department is requested to take immediate steps to submit the following rmation/documents for necessary action:

cceptance of the terms and conditions of the grants duly signed by the Registrar of the niversity/Institute.

Name of the competent University Officer with full address and other bank details in mandate form) the prescribed enclosed proforma so that the fund can be transferred ectronically.

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"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

(Dr. Renu Batra)
Joint Secretary

:- Please see SAP guidelines on UGC website www.ugc.ac.in.

forwarded for information and necessary action to:-

Prof. Chandan Kumar Sharma,
Programme Coordinator (DRS-I),
Department of Sociology,
Tezpur University, Napaam, Sonitpur,
Assam- 784 028.

or information to:

The P.S. to Vice Chancellor,
Tezpur University, Napaam, Sonitpur,
Assam- 784 028.

The Head, Department of Sociology,
Tezpur University, Napaam, Sonitpur,
Assam- 784 028.

The Secretary to the State Government of
Assam, Department of Education, Napaam, Sonitpur.

Prof. Tiplut Nongbri, CSSS, SSS-II, Jawaharlal Nehru University, New Delhi – 110 067.

Prof. N. Jayaram (Retd.), Tata Institute of Social Sciences, Mumbai – 400 088.

Guard File.

(Smita Bidani)
Education Officer

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डॉ निसार अहमद मीर
संयुक्त सचिव

Dr. Nisar Ahmad Mir
Joint Secretary

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of Indi
बहादुर शाह जफर मार्ग, नई दिल्ली – 110 002
Bahadur Shah Zafar Marg, New Delhi – 110 002
फोन Phone : कार्यालय off: 23212027
e-mail : nisarmir.ugc@nic.in

F. No. 2-1/2016 (NS/PE)

SPEED POST

November, 2016

RECEIVED 9 NOV 2016

Dear Sir,

This has reference to our earlier letter of even number dated 16th May, 2016 communicating the approval of the Commission for the award of CPEPA Status to **"Cultural memory in North-East India: A Research and Documentation Programme on Textyak and Visual Narratives"** at Tezpur University, Assam, with the allocation of Rs.2,30,00,000/- (Rupees two crore thirty lakhs only), under the scheme CPEPA. The tenure of the Centre shall be from 1st April, 2016 to 31st March, 2021 for a period of five years.

Based on the discussion the Standing Committee had with the coordinator of the Centre, the following budget has been approved for the Centre in **"Cultural memory in North-East India: A Research and Documentation Programme on Textyak and Visual Narratives"** at Tezpur University, Assam, under the Scheme CPEPA:-

A	Non-Recurring (code 35)		
		Item	Allocation (Amt. in Rupees)
	1	High-end central computing unit: Master Node & server/workstation unit with multiple computing nodes, network switches, consoles and rack, 1 (one) unit	2,92,000/-
	2	Professional workstation, 1 (one) unit	5,25,000/-
	3	Storage system for digital data (H5000DD arrays)	5,00,000/-
	4	Laptops (mobile workstations), 5 (five) units @ Rs 70,000/-	3,50,000/-
	5	Digital Camcorder, 2 (two) units @ Rs 1,00,000/-	2,00,000/-
	6	Digital SLR with lens kit, 2 (two) sets @ Rs.50,000/-	1,00,000/-
	7	Document and image scanner with transparency adapter, 2 (two) units @ Rs.75,000/-	1,50,000/-
	8	Digital Voice Recorders for fieldwork (Professional Quality), 5 (five) units @ Rs. 30,000/-	1,50,000/-
	9	Desktop terminals, 6 (six units) @ Rs. 50,000/-	3,00,000/-
	10	Tower Server, 1(one) unit	6,00,000/-
	11	Display cases with lighting and installation material, archival storage, 12 units @ 90,000/-	10,80,000/-
	12	Digital Display system/HD Monitor, 1 (one) unit	7,00,000/-
	13	Multimedia Projector, 2 (two) units @ Rs.4,75,000/-	9,50,000/-
	14	UPS (1 KVA- Offline), 6 (six) units @ Rs.4500/-	27,000/-
	15	UPS (3 KVA- Online), 3 (three) units @ Rs.60,000/-	1,80,000/-
	16	Air-conditioners, 12 (twelve) units @ Rs 52,000/-	7,28,000/-
	17	All –in-one Colour LaserJet Printer	3,00,000/-
	18	Black and white Printers, 5 (five) units @ Rs.5,000/-	25,000/-
	19	Software for Multimedia Editing & Archival Database	8,50,000/-
	20	Portable Hard Disc, flash drives, memories	1,00,000/-
	21	Public address System with speakers and mics	1,00,000/-
	22	Office furniture including Computer table/Chair, cabinets and almirahs, etc	5,00,000/-
		Sub Total	87,07,000/-

Contd.....2/-

B	Recurring (code 31)		
		Item	Allocation (Amt. in Rupees)
		Manpower/services	
	1	Research Fellow (2 nos. @ Rs.35,000 p/m + HRA)	46,56,000/-
	2	Project Fellow (2 nos., @Rs.16,000 p/m for first 3 years and Rs.18,000/- for next 2 years + HRA)	21,60,000/-
	3	Technical Assistant	10,80,000/-
	4	Hiring non-technical manpower (1)	9,00,000/-
	5	Travel/ Field work (Selected places of North East India), Rs. 3,50,000/- per year	17,50,000/-
	6	Acquisition of Cultural resources (Museum artefacts and archival resources)	10,00,000/-
	7	Training, Workshop, Seminars (Rs.4,00,000/- per year)	20,00,000/-
	8	Publication Rs (1,00,000/- per year)	5,00,000/-
	9	Stationeries/Contingency (Rs.49,400/- per year)	2,47,000/-
		Sub Total:	**1,42,93,000/-**
		Grand Total (A & B):	**2,30,00,000/-**

- Staff and other support services are Co-terminus with the tenure of the project.
- Non-Teaching Staff salary may be provided as per the University norms on consolidated basis.

With Regards.

Yours sincerely,

(Dr. Nisar Ahmad Mir)

The Registrar,
Tezpur University
Napam, Tezpur – 784 028
(Assam)

Copy to

The Coordinator,
"Cultural memory in North-East India:
A Research and Documentation Programme
on Textyak and Visual Narratives" at
Tezpur University, Napaam, Tezpur – 784 028 (Assam)

(Dr. Nisar Ahmad Mir)
Joint Secretary

NATIONAL TEA RESEARCH FOUNDATION
C/o. TEA BOARD 14, B. T. M. SARANI, KOLKATA - 700 001
PHONE : 2235 1411 (11 Lines) Ext. : 237, TELEFAX : 2234 1687
e.mail : ntrf.india@gmail.com, Website : www.teaboard.gov.in

N T R F

NTRF:17(322)/2014/5421

Dr. Panchanan Pujari
Asst. Professor
Department of Chemical Sciences
Tezpur University
Tezpur, Assam – 784028.

13th April, 2016

439
25/04/16

Scheme : "Identification of efficient Semiconductor-Dopant combinations for selective chemi-adsorption of Tea-pesticides in Metal Oxide Semiconductor (MOS) sensor"

Dear Sir,

I am pleased to inform you that the Governing Body of National Tea Research Foundation at its meeting held on 21st January, 2016 accorded approval based on the recommendation of the Research Advisory Committee for undertaking the aforesaid research project jointly by NTRF and Department of Chemical Science, Tezpur Univeristy, Jorhat, Assam (Partner Institute) with you being the Principal Investigator of the project.

The objectives, deliverables, budgetary support and the terms and conditions as approved by the Governing Body are given in **Annexure-1.**

The Governing Body has also accorded approval for engaging one Junior Research Fellow for the project work with a fixed fellowship @ Rs.20,000/- + 10% HRA (Rs.22,000/- p.m.) for the JRF.

You are requested to go through the **Terms and Conditions** and convey your formal acceptance of the same to the undersigned within 10 days from date of receipt of the letter.

You are also requested to submit your requisition of the fund towards procurement of capital items and the recurring expenditure for 1st year.

Yours faithfully,
Sd/-
(P. Mohan Kumar)
Adviser, NTRF

Encl: Terms and Conditions

Copy to :
The Registrar,
Tezpur University
Tezpur, Assam – 784028

(P. Mohan Kumar)

Serial No. 4750
Date of Receipt 26.04.16
11.30 AM

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Scheme : "Identification of efficient Semiconductor-Dopant combinations for selective chemi-adsorption of Tea-pesticides in Metal Oxide Semiconductor (MOS) sensor"
Code No. NTRF:191/2016.

Annexure-1

1) Objectives:

1. Study of the interaction between selected tea pesticides and MOS with different dopants and at different temperature, using simple chemical technique for fabrication.
2. High-tech fabrication of the MOS obtained through step-1. MOS dopant combination with sensitive response to 3 pesticides will be identified.
3. Study of the cross reactivity of the developed pesticide sensor (MOS) towards tea aroma and that of tea aroma sensors towards pesticides.
4. Sensor integration with multiple sensing units selected based on above steps 1 to 3, in tandem with appropriate computational technique.

2) Duration: 4 Years

3) Deliverables: The proposed study will develop a highly sensitive and highly efficient MOS based gas sensor (e-nose) for quality assessment of tea.

4) Budgetary Support:

Financial Outlay (approved by the Governing Body of NTRF) (Amount in Rupees)

Items	1st Year	2nd Year	3rd year	4th year	Total
A. Non-Recurring					
Four probe conductivity meter	8,50,000/-	-	-	-	8,50,000/-
-20^{0}C Deep Freezer	30,000/-	-	-	-	30,000/-
Rotavapour	4,00,000/-	-	-	-	4,00,000/-
Total Non-recurring	**12,80,000/-**	-	-	-	**12,80,000/-**
B. Recurring					
Salary for one Research Fellow @Rs.20,000/- + 10% HRA =22,000/-p.m. and @Rs.22,000/- + 10% HRA =24,200/-p.m.	2,64,000/-	2,64,000/-	2,90,400/-	2,90,400/-	11,08,800/-
Consumables	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	8,00,000/-
Travel	10,000/-	-	-	10,000/-	20,000/-
Total Recurring	**4,74,000/-**	**4,64,000/-**	**4,90,400/-**	**5,00,400/-**	**19,28,800/-**
Overhead charges @10% on recurring	**47,400/-**	**46,400/-**	**49,040/-**	**50,040/-**	**1,92,880/-**
Grand Total	**18,01,400/-**	**5,10,400/-**	**5,39,440/-**	**5,50,440/-**	**34,01,680/-**

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Date of Receipt 18.05.2016
3.30 P.M
Received by

Office of the Registrar
Receipt No. 87
Date
Received by 16/5/16

20

FAX No. 26588980, 26588707, 26589330, 26589745, 26589411
तार / GRAM : विज्ञानी / SCIENTIFIC
Web-site : www.icmr.nic.in
E-mail : icmrhqds@sansad.nic.in

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 5/7/1501/2012-CH

Dean, R&D / for M/c Pl
PO.

Date: 03/05/2016

To,

Registrar,
Tezpur University, Napaam,
Tezpur, Assam-784028

Subject:- Sanction of budget allotment for the new NER Research proposal entitled "**Studies on Exosomal proteome and lipidome and their clinical implication in the management of drug resistant and recurrent head and neck squmous cell carcinomas (HNSCC)" under Dr. Anand M Ramteke**

Sir/Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for the period of One Year from 17/05/2016 subject to extension up to the total duration specified in para 4 below:-

1. The Director General of the Council also sanctions the budget allotment of **Rs.7,64,704/-** as detailed in the attached statement for the period from 17.05.2016 to 16.05.2017. The grant-in-aid will be given subject to the following conditions.
2. The payment of the grant will be made in lump-sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding appointment of the staff is received by the Council. The Staff appointed on the project should be paid as indicated in the budget statement.
3. The staff on the project will be recruited as per the rules and procedure of the host institute and second part of the undertaking be obtained from the employees of the project. The staff grant will not be released unless the required undertaking [part-II] from Head of the Institute is received in this office.
4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma. The approved duration of the scheme is **Three Years**. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Fifteen copies of the annual progress report in the attached prescribed Performa should be submitted to the Council every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.

The receipt of this letter may please be acknowledged.

Dave
for further n/a
18/5/2016

Yours faithfully,

9/5/16
Admn. Officer
For Director General

Copy together with a copy of the budget statement forwarded to information to:

1. Dr. Anand M Ramteke, Associate Professor, Deptt. Of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Assam - 784028
2. Accounts. V. for information.
3. Budget forwarded to Budget Section [Finance Section] for compilation of the Council Budget
4. IRIS Cell No.
5. Mr. Rohitash Singh, TO, Division of CH, ICMR, Ansari Nagar, New Delhi – 110029.

Admn. Officer
For Director Gener

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Statement

Date of start :17/05/2016
Duration : 3 Years
RFC No. RCH/NER/04/2016-17 dated:03/05/2016
Dated: 03/05/2016

"Studies on Exosomal proteome and lipidome and their clinical implication in the management of drug resistant and recurrent head and neck squmous cell carcinomas (HNSCC)"

Budget for 1st Year

17-05-2016 to 16-05-2017

S.No.	Particulars	1st Year
A.	**Staff**	
	Technician Lab-1 @ Rs. 17040/- pm	204480
B.	**Recurring:**	
1	**Consumables**	
a.	Cell lines, ExoQuick for isolation of exosomes and exo markers, Cell culture media and exo free serum, protein extraction kit for MALDI-TOF	350000
b.	Lipid extraction columns, lipid standards and antibodies, sample concentrators	NIL
c.	Cell culture media and exo free serum and related consumables for co-culture studies, matrigel coated trans-well chambers, wound healing kit and related markers	NIL
2	Sample analysis / Miscellaneous	100000
C.	**Contingency**	50000
D.	**Travel**	25000
	Overhead Charges (5 %)	35224
	Grand Total	**764704**

9/5/16

Admn. Officer
For Director General

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Office of the Registrar
Receipt No. 2402
Date 10/8/16
Received by

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, नया महरौली मार्ग,
नई दिल्ली - 110 016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016

Telegram : Scienctech
Tel : 26962819, 26567373, 26562134, 26562122 (EPBAX)
Fax : 26569908, 26864570, 26863847, 26862418
Web site : www.dst.gov.in

Serial No. 5234
Date of Receipt 10.08.2016
File No. 11.40A.M
Received by

No. INT/FRG/DAAD/P-9/2016 **Dated: 1-6-2016**

ORDER

Sanction of the President is hereby accorded for implementation of the Indo-German (DST-DAAD) joint research project entitled "Homocoupling, Heterocoupling and Liberation of Borylene Ligands" at a total cost of **Rs. 10,15,000/- (Rupees Ten Lac Fifteen Thousand Only).** The duration of the project shall be 2 years from date of issue of this sanction order.

2. The composition of the project team is as below:

Indian side	**German side**
i.) Dr. Ashwini Kumar Phukan, Associate Professor, Deptt. of Chemical Sciences, Tezpur University, Napam – 784 028, Assam (India). ii)Bitupon Borthakur, Graduate doctoral candidate.	i.) Dr. Holger Braunschweig, Professor Institute of Inorganic Chemistry, Lehrstuhl II, Am Hubland, Julius-Maximilians-Universitat Wurzburg 97074 Wurzburg, Germany ii)Dr. Dewhurst, Rian(Senior Researcher) iii)Nutz, Macro(M.Sc)

3. The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The expenditure related to approve visits of participating scientists, as mentioned above, only can be met from the project grant.

4. The break-up of estimated expenditure is as indicated below and no re-appropriation shall be allowed under this project:-

Headings	**Estimated expenditure(s)**		
	1st year	2nd year	Total
1. Expenses for Indian scientists to visit Germany under the project International air-fare (by IATA excursion) (2 persons) 1) Air fare: 65,000*2 2) Surface travel in india: 32,000*2 3) Surface travel in germany:17,000*2 4) Cost of overseas insurance cover for Indian visitors in RS: (3,500+3,000) = 6,500	Rs2,34,500/-	Rs2,34,500/-	Rs4,69,000/-
2.Expenses for German scientists to visit India under the project (i) Accommodation charges @ Rs. 4000/- per day.(duration 21days, 2persons) (ii) Per-diem charges @ Rs. 2500/- per day (2 persons)	Rs2,73,000/-	Rs2,73,000/-	Rs5,46,000/-
3. Total	**5,07,500/-**	**5,07,500/-**	**10,15,000/-**

(Rupees Ten Lac Fifteen Thousand Only)

Contd. p/2

original - file
Dr. Phukan. 10/8/16

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5. The local hospitality (which includes per-diem, accommodation, etc) for Indian scientists visiting Ger... the International travel related expenses wrt the German Scientists visiting India under the project shall be b... DAAD (Germany) through the German Co-PI of the project.

6. Sanction of the President is also accorded for the release of **Rs. 5,07,500/- (Rupees Five Lac Seven Th... Five Hundred Only)** as an initial installment for incurring expenditure during the first year of the proj... payment of this amount may be made electronically to **REGISTRAR, TEZPUR UNIVERSITY, Napa... 028, Assam (India).**
as per the Bank details given below:

1	Name and Designation of A/C holder (as per Bank A/C)	REGISTRAR, TEZPUR UNIVERSITY
2.	Bank Account No.	30448821505
3.	Bank Name and Branch Address	STATE BANK OF INDIA, MAIN BRANCH, LAKE ROAD, TEZPUR SONITPUR, ASSAM-784001
4.	IFSC Code	SBIN0000195
5.	MICR Code	784002002

7. The release of this grant is subject to:-

i) Obtaining prior approval of this Department on all project related visits to be undertaken by the scientists from the either side in connection with the implementation with of this project separately in prescribed format, on a case to case basis, at-least 4 weeks in advance before incurring any expenditure for this purpose.

ii) Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up to date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization under the project.

iii) **The Utilization Certificate (UC) and a Statement of Expenditure (SE) are to be Submitted through PFMS followed by the hardcopy.**

iv) The international / domestic air-travel connected to visits under this project is to be performed only as per the prevailing norms and regulations of Government of India.

v) The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to DST while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of grant.

vi) It must be ensured that all the Utilization Certificate (UC) and Statement of Expenditure (SE) in respect of the project and the final completion report is submitted within one year from the scheduled date of completion of the project.

8. The accounts of the grantee institution shall be open to inspection by the sanctioning authority whenever the institution is called upon to do so, as laid down under Rule 211(1) of General Financial Rules.

9. The expenditure involved is to be debited under the budget head Demand No. 77, Department of Science and Technology Major Head-3425, other scientific research 60.798-International Cooperation 12- S&T Cooperation with Other Countries 12.00.31-Grants–in-aid (Plan) during the current financial year 2016-2017.

10. This issues under the delegated powers to the Ministries/Departments and with the approval of the DST and financial concurrence of IFD vide Dy no. C/1193/2016-2017 dated 1-6-2016.

Cont next page

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11. The expenditure on account of this Sanction Order has been entered in grant register at Page 76

(Pulok Sen Gupta)
Under Secretary to the Govt. of India

To,

The Pay & Accounts Officer,
Dept. of Science and Technology, New Delhi

Copy to –

1) Office of the Principal Director & Audit , IIIrd Floor, AGCR Bldg., IP Estate, New Delhi – 110002.
2) Cash Section (3 copies), DST, New Delhi
3) I.F. Division/Accounts Section, DST, New Delhi
4) Register, Tezpur University, Napam – 784 028, Assam (India).
5) Dr. Ashwini Kumar Phukan, Associate Professor, Deptt. of Chemical Sciences, Tezpur University, Napam – 784 028, Assam (India).
6) Sanction folder

6/6/16.
(Pulok Sen Gupta)
Under Secretary to the Govt. of India

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सत्यमेव जयते

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली-110 016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016.

Telegram : Scienctech
दूरभाष / Tel : 26962319, 26567373
26562134, 26562122 (EPBAX)
फैक्स / Fax : 26569908, 26864570
26863847, 26862418

Office of the Registrar
No. 4772
24/10/18

Serial No. 3432
Date of Receipt 25/10/18
Dean, R/D

No. DST/INT/FRG/DAAD/P-09/2016

Dated 14.09.2018

To

Dr. Ashwini Kumar Phukan,
Associate Professor, Dept. of Chemical Sciences,
Tezpur University, **Tezpur (Assam) – 784028**.

Sub: - Furnish the following documents in respect of Indo-German (DST-DAAD) joint research project entitled **"Homocoupling, Heterocoupling and Liberation of Borylene Ligands" - reg.**

Sir,

I am directed to refer to your letter no. nil dated August 8, .2018 on the above mentioned subject and to state that this Ministry is in receipt of Rs. 1, 78, 841/- being unspent balance with interest through SBI DD, Branch Tezpur, Assam bearing DD no. **454783** dated **07.08.2018** along with SE & UC for financial year 2017-18 (up to 31.03.2018) and project completion report. Refunded amount has already been deposited into the Govt. account.

2. On scrutiny of the furnished SE & UC in GFR-12 A format for financial year 2017-18 and it is observed that: -

i) Final UC for financial year 2018-19 (period from 01.04.2018 to 30.05.2018) in GFR-12 A format & final consolidated statement of expenditure (SE) is yet to be received.

ii) Clarification on completion of the project on 31.03.2018 before target date of the project while two years project duration was up to 30.05.2018.

3. It is therefore, requested that final SE & UC for FY 2018-19 (period from 01.04.2018 to 30.05.2018) in GFR-12 A format with interest along with clarification in respect of date of completion of the project as 31.03.2018 when project duration was up to 30.05.2018, may be sent to this Department at an early date for necessary action and further process for settlement of the account and project closure.

Yours faithfully,

Meenu Bajaj
16/10/2018

(Meenu Bajaj)
Under Secretary to the Govt. of India

Copy to:-

1. Registrar, Tezpur University, Tezpur (Assam) - 784028.
2. Finance Officer, Tezpur University, Tezpur (Assam) - 784028.

File.
22/10/2018

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FILE NO. ECR/2015/000308

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 01-Jun-2016

ORDER

Subject: Financial Sanction of the research project titled **"One-pot synthesis of Nitrogen and Sulphur co-doped 'biomass derived graphene' based cathode catalyst for Polymer Electrolyte Fuel Cells"** under the guidance of Dr. Biraj Kumar Kakati, Energy, Tezpur University , Napaam Tezpur, ASSAM, SONITPUR-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3496280/- (Rs.** Thirty Four Lakh Ninety Six Thousand Two Hundred and Eighty **Only)** with break-up of **Rs. *1400000/-* under Capital (Non-recurring) head** and **Rs.*2096280/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 3496280/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Napaam Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Bi-Potentiostat-Galvanostat	1400000
A'	*Total (Non-Recurring)*	***1400000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1836000
2	Recurring - B : (Overhead Charges)	260280
B'	*Total (Recurring)*	***2096280***
C	**Total cost of the project (A' + B')**	**3496280**

2. Sanction of the **SERB** is also accorded to the payment of
- **Rs. 1400000/-** (Rupees Fourteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 698760/-** (Rupees Six Lakh Ninety Eight Thousand Seven Hundred and Sixty only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Napaam Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (Engineering Sciences(ECR))

4. The Sanction has been issued to Tezpur University, Napaam Tezpur with the approval of the competent authority under delegated powers on **19 May, 2016** and vide Diary No. **SERB/F/0631/2016-17** dated **24 May, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 2098760/-** (Rupees Twenty Lakh Ninety Eight Thousand Seven Hundred and Sixty

only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R & D**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Branch name Tezpur Address Lake Road, Tezpur, Sonitpur, Assam 784 001, Phone 03712 220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**biraj@email.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2015/000308 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. V. Ramesh)
SCIENTIST-C
drvramesh@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Biraj Kumar Kakati** **Energy** **Tezpur University , Napaam Tezpur, ASSAM, SONITPUR-784028** **Email: biraj@email.com** **Mobile: 917896233319** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Tezpur University, Napaam Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. V. Ramesh)
SCIENTIST-C
drvramesh@serb.gov.in

No. DBT/IC-2/Indo-Brazil/2016-19/04
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 6-8 Floors,
CGO Complex, Lodi Road,
New Delhi - 110003
Dated: 15.06.2016

SANCTION ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of a joint Indo-Brazil project entitled as "**Integrated Biorefinery Approach towards production of sustainable fuel and chemicals from Algal biobased systems**" at a total cost of **Rs.244.17751Lakh(Rupees Two Crore Fourty Four Lakh Seventeen Thousand Seven Hundred and Fifty One Only)** in favor of three institutions i.e. Registrar, Tezpur University, Tezpur- Assam, India-781014 and Registrar, Guwahati University, Guwahati, Assam, India-781014 and Director, Indian Institute of Technology, Guwahati, Assam, India-781039 for a period of four years on the terms and conditions detailed below:

2. **Joint Project Title**:

Integrated Biorefinery Approach towards production of sustainable fuel and chemicals from Algal biobased systems

3. Joint Investigators:

Indian side	Brazilian side
Principal Investigators **Lead Investigator - Prof. D. Deka,** Head, Department of Energy, Tezpur University, Tezpur-781014, Assam, India Tel: 03712 27 5301 (o), +919435380897 (mobile) Fax : 03712267006/5 E-mail: dhanapati@tezu.ernet.in, ddeka1965@gmail.com **Prof. M C Kalita,** Department of Biotechnology, Gauhati University, Guwahati-781014, Assam, India Phone: 91-0361-2700231(O); Fax: 91-0361- 2700231 E-mail: mckalitagu@gmail.com **Dr Vaibhav V Goud,** Department of Chemical Engineering, IIT Guwahati, Guwahati- 781039 Phone: +91 9957573605, E-mail: vvgoud@iitg.ac.in	**Prof. Donato Aranda,** Chemical Engineering Department Federal University of Rio de Janeiro Brazil, +55 (21) 2562-7657 **E-mail:** donato@eq.ufrj.br

Co-investigators **Dr. Nayan M Kakoty,** Associate Professor, Department of Electronic Communication and Engineering Biomimetic and Cognitive Robotics Lab, Tezpur University, Tezpur-784028, Assam, India, Tel: +919435783446, E-mail: nkakoty@tezu.ernet.in **Dr. Manabendra Mandal,** Associate Professor, Department of Molecular Biotechnology, Tezpur University, Tezpur-784028, Assam, India, Tel: +919864181445, E-mail: mandal@tezu.ernet.in **Prof. L Sahoo,** Department of Bioscience and Bioengineering, IIT Guwahati, Guwahati- 781039

4. Joint Objectives:

i. To select and screen the microalgae strains having large growth rate and high bio-molecules productivity from previously collected microalgae species.
ii. To investigate the morphological characteristics and chemical composition of the selected microalgae species. ,
iii. To develop innovative culture technique for the selected microalgae species *in vitro* and *in vivo* mass production.
iv. To develop innovative harvesting methods for algal biomass production.
v. To integrate bio-refinery approaches for the production of liquid/gaseous bio-fuel and high added-value compounds from algal mass.
vi. To utilize waste algal biomass and de-oiled algal mass for production of bio-oil, bio-char and development of bio-based catalyst.

5. Duration of the project (Indian side):
The duration of the project is four years from the date of this sanction order

6. Head of Account:
The expenditure involved is debitable to:

Demand No.79	: Department of Biotechnology
3425	: Other Scientific Research 2016-2017
3425.60	: Others (Sub Major Head)
3425.60.200	: Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	: Biotechnology Research and Development (Sub Minor Head)
3425.60.200.29.17	: Assistance for Research and Development (Function Head)
3425.60. 200.29.17.31	: Grant-in-Aid General (Object Head)
3425.60. 200.29.17.35	: Grants for Creation of Capital Assets (Object Head)

7. Project cost (Indian side):
The total cost of the project is **Rs.244.17751Lakh(Rupees Two Crore Fourty Four Lakh Seventeen Thousand Seven Hundred and Fifty One Only)** as per the budget summary given below:

(Rs. in Lakhs)

S. No.	Item	2016	2017	2018	2019	Total
A.	**Non-recurring**					
1.	Equipments as per the break up of three institutions	59.42551	0.00	0.00	0.00	**59.42551**
B.	**Recurring**					
2.	**Manpower** A. JRF [3, @Rs.25000p.m.+10%HRA]	9.90	9.90	0.0	0.0	**19.80**
	B. SRF [3 for 1st and 2nd yr and 6 for 3rd & 4th year @Rs.28000p.m.+10%HRA]	11.088	11.088	22.176	22.176	**66.528**
	C. Research Associate-I [1; @Rs.36000+10%HRA]	4.752	4.752	4.752	4.752	**19.008**
	D. Project Assistant (1)	1.20	1.20	1.20	1.20	**4.80**
	E. Project Technician (1)	1.44	1.44	1.44	1.44	**5.76**
	F. Stipend in Brazil a. SRF (1; for 6month in2nd yr and 12 months in 3rd year)	0.00	2.952	5.904	0.00	**8.856**
	b. PI or Co-PI (1month)	0.00	2.00	2.00	0.00	**4.00**
	Manpower total =	**28.38**	**33.332**	**37.472**	**29.568**	**128.752**
3.	**Consumable**	9.00	8.00	5.00	5.00	**27.00**
4.	**Contingency**	2.0	2.0	2.0	2.0	**8.00**
5.	**Travel**					
	A. Domestic	1.5	1.5	1.5	1.5	**6.00**
	B. International for					
	i. Trainee (SRF-1)	0.00	2.50	0.00	0.00	**2.50**
	ii. PI or Co-PI (1)	0.00	2.50	2.50	0.00	**5.00**
	C. Local Hospitality for visiting Scientists	0.50	0.50	0.50	0.0	**1.5**
5.	**Overhead**	1.5	1.5	1.5	1.5	**6.00**
Total (B) =		**42.88**	**51.832**	**50.472**	**39.568**	**184.752**
Grand Total (A+B) =		**102.30551**	**51.832**	**50.472**	**39.568**	**244.17751**

*Principal Investigator may send SRF of any institution to Brazilian Collaborators Laboratory.

50428
1.99573
2.50000

- Non-NET qualified candidates will be paid at JRF (@Rs12000/-pm+HRA) and SRF (@Rs.14000/-pm+HRA)
- As per the joint guidelines if a trainee (JRF/SRF) is availing fellowship then the same has to be deducted from the proposed stipend that is Rs.80,000/- per month e.g. If a trainee is getting Rs.20000/- as JRF/SRF fellowship either in a project or CSIR fellowship then the total stipend Rs. 80000/- will include the fellowship amount the candidate already receiving [i.e.Rs80000=Rs.20000+60000)].
- The Indian investigator is eligible for stipend of Rs. 2.0Lakh per month for stay in Brazil for maximum of 1 month each year for second and third year only. The stipend has to be disbursed to the investigator after deduction of salary amount e.g. if the investigator receiving Rs.80000/- as monthly salary then the stipend to be paid as Rs.120000/-.

8. Account Details:

The amount of **Rs.102.30551Lakhs (Rupees One Crore Two Lakh Thirty Thousand Five Hundred and Fifty one only**) will be drawn by DDO, DBT from PAO, DBT and disbursed to Registrar, Tezpur University, Tezpur- Assam, India-781014 through RTGS on the following account details:

Accounts Holder's Name	: Registrar, Tezpur University
Name of the bank	:. Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001
IFSC Code	: SBIN0000195
MICR Code	: 784002002
Bank Account Number	: 10501585452
Email of beneficiary	: registrar-tu@tezu.ernet.in

Registrar, Tezpur University is authorized to disburse the funds without delay further to Registrar, Guwahati University, Guwahati, Assam, India-781014 and Director, Indian Institute of Technology, Guwahati, Assam, India-781039 as per the Annexure-I each year for executing this bilateral collaborative project. Registrar, Tezpur University will also submit the consolidated Progress report (including the certificate from the Brazilian collaborator stating that 'the Progress report submitted is jointly carried out and true to the best of my knowledge'), Consolidated Utilization Certificate (UC) and Statement of expenditure (SE) [by collecting the UC & SE from the each institutions involved and consolidating them] to Department of Biotechnology each year for further release of funds.

9. Terms and Conditions:

A. General

a. A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and Grantee Institutions on Non-Judicial stamp paper of Rs.100/- in the provided format and the subsequent release will be made only after signing of MoA and its acceptance by DBT. In Case of NGO or Private Institutions, MoA signed is mandatory for the first release.

b. The progress of the project would be regularly monitored by the Indo-Brazil Steering Committee.

c. No International travel will be undertaken from the sanctioned project grant unless specified otherwise.

d. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest and the interest so earned must be reflected in the Utilization Certificate and Statement of Expenditure. The Interest earned will be treated as created to the Institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

e. The Head of the institution will be responsible for submission of Utilization Certificate (UC), Statement of Expenditure (SE), Manpower Certificate, Assets Certificate, Interest Earned certificate to Department of Biotechnology in respect of Grants released against the sanction orders from time to time.

f. The facility shall be open to users from other institutions.

g. University/Institution requires approval of Department of Biotechnology for re-appropriation of funds from one head to another and No- re-appropriation of fund is allowed within subheads.

h. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest thereon as per Govt. of India shall be recovered.

i. The Non-recurring grant should be utilized within 18 months from the date of sanction of the project.

j. The PI has to follow Govt. of India rule for procurement.

B. Mandatory

a. Approval of Institutional Biosafety Committee, Certificate from Animal Ethics Committee must be provided, wherever applicable

b. It is mandatory to acknowledge financial support provided by DBT via inclusion of Reference/ Grant number, Name of the Department (i.e. DBT) and the duration of the financial support including the dates in acknowledgement section of publications/patents/technology transfer documents vide notification no. DBT/PCAH/Gen/01 dated 7th June 2012.

c. It is obligatory to assess/observe the biosafety compliance for rDNA activities to be performed by institutions and investigators for the proposals submitted to DBT for financial support as per the notification vide no. BT/BS/17/459/2011-PID dated 26th September 2012.

d. Investigator has to follow 'National Biodiversity Act (2002)'.

e. As per Ministry of Finance OM. No. C-13015(34)/MF CGA/PFMS/Misc/2014-15/2095-2127 dated 03.03.2015 all transaction involving cash component has to be made through Public Financial Management System (PFMS) w.e.f. 01.04.2015 to each beneficiary.

10. No Utilization Certificate is pending with the implementing Institute. All the Utilization Certificates due for rendition have been received and accepted by the head of Division/ Competent Authority.

11. As per rule 211(1), the Accounts of the Grantee institution shall be open to inspection by the sanctioning authority/audit, whenever the institute is called upon to do so by the sanctioning authority.

12. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their San No. 102/IFD/SAN/**1085**/2015-2016 dated 15/06/2016.

13. This sanction order has been noted at Serial No. 22 in the Register of Grants.

(डॉ. रजनीश कुमार गौड़/Dr. Rajneesh K. Gaur)
वैज्ञानिक 'ग'/Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Director of Audit (Scientific Departments), AGCR Building, New Delhi - 110002
2. Cash Section, DBT (2 copies)
3. Registrar, Tezpur University, Tezpur- Assam, India-781014
4. Prof. D. Deka, Department of Energy, Tezpur University, Tezpur, Assam, India - 781014
5. Registrar, Guwahati University, Guwahati, Assam, India-781014
6. Prof. M C Kalita, Department of Biotechnology, Gauhati University, Guwahati, Assam, India-781014
7. Director, Indian Institute of Technology, Guwahati, Assam, India-781039
8. Dr Vaibhav V Goud, Department of Chemical Engineering, IIT Guwahati, Guwahati-781039
9. Sanction Folder

(डॉ. रजनीश कुमार गौड़/Dr. Rajneesh K. Gaur)
वैज्ञानिक 'ग'/Scientist 'D'

Annexure-I

SUB: Breakup of the total cost of the project entitled as "Integrated Biorefinery Approach towards production of sustainable fuel and chemicals from Algal biobased systems" to be implemented by three institutions, is given below –

A. Tezpur University, Tezpur, Assam (Coordinating Institution for the project)

(Rs. in Lakh)

S. No.	Item	2016	2017	2018	2019	Total
A.	**Non-recurring**					
1.	High Pressure Stainless Steel Reactor	12.025	0.00	0.00	0.00	**12.025**
2.	Under Water Robot	3.474	0.00	0.00	0.00	**3.474**
3.	Petroleum testing kit for oil analysis	3.2153	0.00	0.00	0.00	3.2153
	Subtotal (A) =	**18.7143**	**0.00**	**0.00**	**0.00**	**18.7143**
B.	**Recurring**					
2.	**Manpower**					
	A. JRF [2, @Rs.25000p.m.+10%HRA]	6.60	6.60	0.0	0.0	**13.20**
	B. SRF [1 for 1& 2nd yr and 3 for 3rd & 4th year @Rs.28000p.m.+10%HRA]	3.696	3.696	11.088	11.088	**29.568**
	C. Stipend in Brazil					
	a. SRF (1; for 6 months in 2nd yr and 12 months in 3rd year)	0.00	2.952	5.904	0.00	**8.856**
	b. PI or Co-PI (1month)	0.00	2.00	2.00	0.00	**4.00**
3.	**Consumable**	4.00	3.00	2.00	2.00	**11.00**
4.	**Contingency**	1.0	1.0	1.0	1.0	**4.00**
5.	**Travel**					
	A. Domestic	0.50	0.50	0.50	0.50	**2.00**
	B. International for					
	i. Trainee (SRF-1)	0.00	2.50	0.00	0.00	**2.50**
	ii. PI or Co-PI (1)	0.00	2.50	2.50	0.00	**5.00**
	iii. Local Hospitality for visiting Scientists	0.50	0.50	0.50	0.0	**1.5**
5.	**Overhead**	0.50	0.50	0.50	0.50	**2.00**
	Subtotal (B)	~~17.796~~	**25.748**	**25.992**	**15.088**	**84.624**
	Total=	~~33.58495~~	**25.748**	**25.992**	**15.088**	**100.41295**

16.796

35.5103

B. Indian Institute of technology, Guwahati, Assam

(Rs. in Lakh)

S. No.	Item	2016	2017	2018	2019	Total
A.	**Non-recurring**					
1.	Hydrodynamic Cavitations set up	14.50	0.00	0.00	0.00	**14.50**
2.	Rotary Evaporator	6.36121	0.00	0.00	0.00	**6.36121**
	Subtotal (A) =	**20.86121**	**0.00**	**0.00**	**0.00**	**20.86121**
B.	**Recurring**					
1.	**Manpower**					
	C. SRF [1; @Rs.28000p.m.+10% HRA]	3.696	3.696	3.696	3.696	**14.784**
	D. RA-I [1 @Rs.36000p.m.+10% HRA]	4.752	4.752	4.752	4.752	**19.008**
	E. Project Technician [1; @Rs.12000pm]	1.44	1.44	1.44	1.44	**5.760**
2.	**Consumable**	3.00	3.00	2.00	2.00	**10.00**
3.	**Contingency**	0.50	0.50	0.50	0.50	**2.00**
4.	**Travel**					
	Domestic	0.50	0.50	0.50	0.50	**2.00**
5.	**Overhead**	0.50	0.50	0.50	0.50	**2.00**
	Subtotal (B) =	**14.388**	**14.388**	**13.388**	**13.388**	**55.552**
	Total=	**35.24921**	**14.388**	**13.388**	**13.388**	**76.41321**

C. Guwahati University, Guwahati, Assam

(Rs. in Lakh)

S. No.	Item	2016	2017	2018	2019	Total
A.	**Non-recurring**					
1.	Microscope including Photography attachment	6.80	0.00	0.00	0.00	**6.80**
2.	Oil expeller	4.75	0.00	0.00	0.00	**4.75**
.3.	Up gradation of existing raceway open micro alga pond system	8.30				**8.30**
	Subtotal (A) =	**19.85**	**0.00**	**0.00**	**0.00**	**19.85**
B.	**Recurring**					
1.	**Manpower**					
	D. JRF [1, @Rs.25000p.m.+10%HRA]	3.30	3.30	0.00	0.00	**6.60**
	E. SRF [1 for 1& 2nd yr	3.696	3.696	7.392	7.392	**22.176**

	and 2 for 3rd & 4th year @Rs.28000p.m.+10%HRA] F. Project Assistant [1; @Rs.10000pm]	1.20	1.20	1.20	1.20	**4.80**
2.	**Consumable**	2.00	2.00	1.00	1.00	**6.00**
3.	**Contingency**	0.50	0.50	0.50	0.50	**2.00**
4.	**Travel** Domestic	0.50	0.50	0.50	0.50	**2.00**
5.	**Overhead**	0.50	0.50	0.50	0.50	**2.00**
	Subtotal (B) =	**11.696**	**11.696**	**11.092**	**11.092**	**45.576**
	Total=	**31.546**	**11.696**	**11.092**	**11.092**	**65.426**

(डॉ.रजनीश कुमार गौड़/Rajneesh K. Gaur)

वैज्ञानिक 'ग'/Scientist 'D'

F. No. 14/8/2014-RE

Government of India
Ministry of Environment, Forest & Climate Change
(Research in Environment Division)

Indira Paryavaran Bhawan
Aliganj Jor Bagh Road,
New Delhi-110003

Office of the Registrar
Receipt No. ....Dated: 27th June, 2016
Date.....1785.....
Received by...S/7/16.....

To

The Pay & Accounts Officer
Ministry of Environment, Forest & Climate Change
New Delhi.

Subject: Release of Grants-in-Aid to the Registrar, Tezpur University, Napaam, Tezpur, Assam-784028 for the year 2016-17(Plan/Recurring) - regarding.

Sir,

I am directed to convey the sanction of the President of India to the approval of the research project entitled "Exploration of Biodiversity and Conservation issues of Talley Valley Wildlife Sanctuary, Arunachal Pradesh with reference to wildlife species distribution along climate and topographical gradients" entrusted to **Dr. (Mrs.) Ashalata Devi** Assistant Professor, Dept. of Environment Science, Tezpur University, Napaam, Tezpur, Assam at a total cost of **₹ 38,96,640/-** (₹ Thirty Eight Lakh Ninety Six Thousand Six Hundred and Fourty only) for a period of three years, as per the break-up given below:-

(Amount in ₹)

Heads	1st year	2nd Year	3rd Year	Total
1) Salary a) JRF(2) @₹25000-25000-28000 and HRA @10% b) Field Assistant(1)@₹8000/- fixed for 3 years	6,60,000 96,000	6,60,000 96,000	7,39,200 96,000	20,59,200 2,88,000
2)Permanent Equipment : (i)GPS (Garmin eTrex) –(2) (ii)Canon Digital SLR Camera –(1). (iii)Nikon bionoculars –(2) (iv) Night Vision Bionoculars –(2). (iv) Insect Light traps – (5). (v) Clinometer/Vertex – (1).	3,00,000	NIL	NIL	3,00,000
3) Expendables	85,000	60,000	55,000	2,00,000
4) Travel	1,20,000	1,00,000	80,000	3,00,000
5)Dissemination of Outcome of Research and Brochure	NIL	NIL	1,00,000	1,00,000
6) Contingency	63,050	45,800	53,510	1,62,360
7)Institutional Charges	1,89,150	1,37,400	1,60,530	4,87,080
Grand Total	**15,13,200**	**10,99,200**	**12,84,240**	**38,96,640**

2. Sanction of the President is also hereby conveyed for the release of ₹15,13,200/- (₹ Fifteen Lakh Thirteen Thousand and Two Hundred only) towards Grants-in-Aid to the Registrar, Tezpur University, Napaam, Tezpur, Assam for the above research project for the financial year 2016-17 (Plan/Recurring) being 1st installment of grants as per break-up given below:-

	Items		Amount (in ₹)
a)	Salary	:	7,56,000
b)	Permanent Equipment	:	3,00,000
c)	Expendable	:	85,000
d)	Travel	:	1,20,000
e)	Contingencies	:	63,050
f)	Institutional Charges	:	1,89,150
	Total	:	**15,13,200**

Receipt No. 5073
Date of Receipt 05.07.16
Type No.
Received by

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3. The Grants-in-Aid will be regulated in accordance with the provisions contained in 'Guidelines Support to Environmental Research' published by the Ministry of Environment, Forest & Climate Change 2012. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules, 2005, as amend from time to time, read with the Government of India's decisions incorporated there-under, and any o guidelines which may be issued in this regard, and in particular to the following conditions:-

i. All relevant information and documents/certificates as required under GFR 209(1) have b received.
ii. The pattern of assistance of rules governing such Grants-in-Aid have received the approval of Ministry of Finance, as required under Govt. of India Decision No. (1) under DFPR –Rules 20.
iii. Assets acquired wholly or substantially out of Government Grants shall not be disposed off with obtaining the prior approval of the sanctioning authority of Grants-in-Aid. The equipments sho be purchased as per GFR norms and Copy of purchase of permanent equipment may be furnished
iv. The UC for the amount being released will be furnished by the implementing agency when requ for release for further amount for the project is made, or at the end of the financial year, whiche is earlier.
v. The accounts of the concerned institution shall be open for inspection by the sanctioning author and audit, both by the Comptroller & Auditor General of India under the provision of C &AG (DP Act, 1971 and internal audit party by the Principal Accounts office of the Ministry or Departme whenever it is called upon to do so.
vi. Noted at Serial No. R&D/8/RE/Research/2016-2017 in the Register of Grants and sanction ID h been generated vide No. 14/8/2014-RE dated 27.06.2016.
vii. The concerned Institution will spend Grants-in-Aid exclusively in pursuance of the objectiv envisaged in rules/memorandum of concerned institution and for the purpose it is bei sanctioned.
viii. Grants-in-Aid to the concerned Institution is subject to the Economy Instructions issued from tir to time by the M/o Finance or by the Competent Authority.
ix. Grants-in-Aid shall be utilized before the end of the current financial year 2016-17 and unpse balance, if any, will be seek approval of carry forward by the implementing agency.
x. The concerned Institution will maintain and will present their annual accounts in the standa format as required under GFR 209 (xiii).

4. **<u>In addition to above, the following conditions should be comply</u> :**

a. Full utilization of fund as per approved allocation of the project.
b. Payments towards wages/remuneration as well as other contractual obligations are made throug bank accounts of recipients. Travel and Contigencies will be as per actual bills, to be produced.
c. Evidence of deposit of TDS/Service Tax in case of contract payments and CST in case of purchase leviable goods.
d. The implementing agency shall furnish their annual performance-cum-achievement report alon with photographs and executive summary to the sanctioning authority for uploading on the websit of the Ministry for public access.
e. A separate bank account shall be opened for the purpose and the account shall be open for audit b Central Government of C&AG.
f. The expenditure should not exceed beyond the approved allocation of funds.
g. The PI should ensure for completion of project within the stipulated time period.
h. The Project should not be left without completing within the time.
i. The implementing agency who do not render accounts/submit physical progress reports agains the released grants will be blacklisted by the Ministry after ensuring an adequate dialogue, both in speech and writing, by the Ministry with the authorities of the concerned defaulting institution.

Madhumita Bisoi

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5. The sanction of the grant is subject to terms and conditions as detailed above and the Guidelines for support to Environmental Research, 2012. The Grants-in-Aid is recurring in nature and will be released in installments. The grantee organization falls under category-(A) Autonomous Body.

6. The amount of ₹15,13,200/- (₹ Fifteen Lakh Thirteen Thousand and Two Hundred only) will be drawn by the Drawing and Disbursing Officer, Ministry of Environment, Forests & Climate Change, New Delhi and disbursed through RTGS in the account of the Registrar, Tezpur University, Napaam, Tezpur, Assam, as per the following details:

Beneficiary's Name	:	**Registrar, Tezpur University, Napaam, Tezpur, Assam - 784028**
Name of the Bank	:	**State Bank of India**
Name of the Branch	:	**State Bank of India, Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001.**
Account Number	:	**30448821505**
IFSC code	:	**SBIN0000195**
MICR Code	:	**784002002**

7. The expenditure involved will be under the Demand No. 27 Ministry of Environment, Forests & Climate Change, Major Head '3435', Minor Head 03.103, Research and Ecological Regeneration-3435.03.103, Survey and Research -14. Research and Development for Conservation and Development – 14.05, Grants-in-aid (General)-31 for the financial year 2016-2017 Plan/Recurring.

8. This issues under the power delegated to Ministry of Environment, Forests & Climate Change and with the concurrence of IFD vide Dy. No. 141/Dir(IFD)/2016 dated 25.05.2016.

Yours faithfully,

Madhumita Biswas

(Ms. Madhumita Biswas)
Director

Copy to:

1. Registrar, Tezpur University, Napaam, Tezpur, Assam-784028.
2. Dr. (Mrs.) Ashalata Devi, Assistant Professor, Dept. of Environment Science, Tezpur University, Napaam, Tezpur, Assam-784028.
3. Cash Sections (2 copies) -**new project**. (No UC required)
4. Director of Audit, Scientific Deptt., C.W. & M.II, AGCR Building, New Delhi-110 002.
5. Adviser(RE)
6. B&A Section
7. IFD.
8. Section Officer, Research in Environment Division.
9. Sanction folder/Guard File.

Madhumita Biswas

(Ms. Madhumita Biswas)
Director

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F.No-14/8/2014-RE
Government of India
Ministry of Environment Forest & Climate Change
(Research in Environment Division)

Vayu, 2nd Floor,
Indira Paryavaran Bhawan,
Aliganj, JorBagh Road
New Delhi-110003
Dated: 22nd February, 2021

To,

Dr. Ashalata Devi,
Associate Professor
Dept. of Environmental Science
Tezpur University,Tezpur,
Napaam-784028 Assam, India

Subject: Extension of time limit in respect of Project entitled "Exploration of Biodiversity and Conservation issues of Talley Valley Wildlife Sanctuary, Arunachal Pradesh with reference to wildlife species distribution along climate and topographical gradients" Submitted by PI: Dr. (Mrs.) Ashalata Devi, Assistant Professor, Dept. of Environment Science, Tezpur University, Napaam, Tezpur, Assam- -reg.

Sir, Ma'am,

I am directed to refer to the Minutes of the 18th Technical and Financial Appraisal Committee (TFAC) Meeting held on 19-20th November, 2020 on above mentioned subject, and to say that the TFAC being the competent authority has recommended for no cost extension of the proposal upto 30th September, 2021.

2. It is requested that you may ensure the completion of the project within the extended time limit.

Encl: As above

Yours faithfully,

22-2-2021

(Navil Kapur)
Deputy Secretary (RE)

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FILE NO. YSS/2014/000013

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 19-Jul-2016

ORDER

Subject: Financial Sanction of the research project titled "**Development of advanced techniques for the analysis of remotely sensed images.**" under the guidance of Dr. Swarnajyoti Patra, Computer Science and Engineering, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2151600/- (Rs. Twenty One Lakh Fifty One Thousand Six Hundred Only)** with break-up of **Rs. *900000/-*** under **Capital (Non-recurring) head** and **Rs.*1251600/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2151600/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> ENVI and e-Cognition softwares -> Computer -> Printer and Scanner	900000
A'	*Total (Non-Recurring)*	***900000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Travel, Contingencies)	1056000
2	Recurring - B : (Overhead Charges)	195600
B'	*Total (Recurring)*	***1251600***
C	**Total cost of the project (A' + B')**	**2151600**

2. Sanction of the **SERB** is also accorded to the payment of
   - Rs. 900000/- (Rupees Nine Lakh only) under 'Grants for creation of capital assets' and **Rs. 417200/-** (Rupees Four Lakh Seventeen Thousand Two Hundred only) under 'Grants-in-aid General' to **Professor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**
     being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
his release is being made under Start Up Research Grant (Young Scientist). (EC Engineering Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **15 July, 2016** and vide Diary No. **SERB/F/2253/2016-17** dated **18 July, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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10. The release amount of Rs. 1317200/- (Rupees Thirteen Lakh Seventeen Thousand Two Hundred Only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	REGISTRAR, TEZPUR UNIVERSITY
Account Number	30448821505
Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam 784001, Phone 03712 220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	bpathak@tezu.ernet.in
Email id of PI	swpatra@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. YSS/2014/000013 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. V. Ramesh)
SCIENTIST-C
drvramesh@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Swarnajyoti Patra Computer Science and Engineering Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 Email: swpatra@gmail.com Mobile: 919434996199 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Professor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. V. Ramesh)
SCIENTIST-C
drvramesh@serb.gov.in

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Sanction Letter

SERB RESEARCH PROJECT

19.08.2016

Titled:

"Neutrino Mass Ordering, Leptonic CP Violation and Matter-Antimatter Asymmetry"

Science and Engineering Research Board (Statutory Body Established Through an Act of Parliament: SERB Act 2008) Department of Science and Technology, Government of India FILE NO. EMR/2015/001683SCIENCE & ENGINEERING RESEARCH BOARD5 & 5A, Lower Ground FloorVasant Square MallPlot No. A, Community CentreSector-B, Pocket-5, Vasant KunjNew Delhi-110070 Dated: 20-Jul-2016 ORDER

Subject: Financial Sanction of the research project titled **"Neutrino Mass Ordering, Leptonic CP Violation and Matter-Antimatter Asymmetry"** under the guidance of **Dr. Ng K Francis,** Physics, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011- Release of 1st grant. Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 617100/- (Rs. Six Lakh Seventeen Thousand One Hundred Only) with break-up of Rs. 231000/- under Capital (Non-recurring) head and Rs.386100/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 617100/- has been approved are given below:

The following budget may be considered for Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur.

S. No

Head

Total (in Rs.)

A. Non-recurring

1. Equipment-> Printer + Other Accessories-> Computer Rs 231000/

A' Total (Non-Recurring) Rs 231000/

B. Recurring Items

1. Recurring - A: (Consumables,Travel,Contingencies)= Rs 330000/
2. Recurring - B: (Overhead Charges) = Rs 56100/

B' Total (Recurring)= Rs 386100/

C. Total cost of the project (A' + B') = Rs 617100/.

2. Sanction of the SERB is also accorded to the payment of Rs. 231000/- (Rupees Two Lakh Thirty One Thousand only) under 'Grants for creation of capital assets' and Rs. 170000/- (Rupees One Lakh Seventy Thousand only) under 'Grants-in-aid General' to Vice Chancellor, Tezpur

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University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Extra Mural Research Funding (Individual Centric) (PAC Physical Sciences).

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on 13 July, 2016 and vide Diary No. SERB/F/2148/2016-17 dated 15 July, 2016.

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 401000/- (Rupees Four Lakh One Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name: Tezpur University
Account Number: 10501585452
Bank Name & Branch: SBI State Bank of India Main Branch Tezpur 784001
IFSC/RTGS Code: SBIIN0000195
Email id of A/C Holder: bpathak@tezu.ernet.in
Email id of PI: francis@tezu.ernet.in

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2015/001683 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any **unspent balance** to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr.Nilotpal Ghosh)MSnilotpal@serb.gov.in
To,Finance & Budget Officer SERB, New Delhi

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002

2. Sanction Folder, SERB , New Delhi.

3. File Copy

4. **Dr. Ng K Francis**, Physics, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784028

Email: francis@tezu.ernet.in Mobile: 919401629700

(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)

5. Vice Chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur

(Receipt of Grant may be intimated by name to the undersigned)

(Dr. Nilotpal Ghosh)MSnilotpal@serb.gov.in

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Dated: 21.08.2016

Mr/Ms/Prof/Dr.

NG K FRANCIS
TEZPUR UNIVERSITY,
TEZPUR-784028
Assam

Subject: RTGS/NEFTUTR/ TRANS No. – File No. EMR/2015/001683

Sir/Madam,

I am directed to refer to Science & Engineering Research Board (SERB) sanction order no. EMR/2015/001683 dated 20-07-2016 and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH16222406386 / SAA212176004 dated **09-08-2016**
Rs. 401000 /- (RUPEES FOUR LAKH ONE THOUSAND ONLY) transferred to
A/c No.: 10501585452, Bank Name/Branch: State Bank of India, TEZPUR
SERB Sanction Order for the above is attached to this email

Reference:

SERB, Finance Wing, Bill no: GIA/2128 dated 28-07-2016
SERB Finance Wing, Diary No: SERB/F/ 2148 /2016-17 à (please make this your subject Line for future queries via email)

KINDLY CONFIRM RECEIPT OF GRANTS (FUNDS) BY EMAIL ONLY.

IMPORTANT:

SEPARATE Utilization Certificates (UCs) for Recurring and Non-Recurring Grants (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER for your project) should be sent directly to the grant Sanctioning Authority by name (signatory of the sanction order) within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.

However, if any unspent balance is to be refunded, kindly ensure that the unutilized amount may be refunded immediately by way of an a/c payee cheque/DD drawn in favour of "Fund for Science & Engineering Research", payable at New Delhi and forwarded to the undersigned at the address given below:

The Finance & Budget Officer
Science & Engineering Research Board (SERB)
5 & 5A, Lower Ground Floor,
Vasant Square Mall,
Vasant Kunj,
New Delhi 110070

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FILE NO. EMR/2015/000428

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 22-Aug-2016

ORDER

Subject: Financial Sanction of the research project titled "**Development of graphene based conducting polymer nanocomposites for electrochemical energy storage applications**" under the guidance of Prof. Ashok Kumar, Physics, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 and by Prof. Niranjan Karak, Professor, Department Of Chemical Sciences (Center For Polymer Science And Technology), Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 5010784/-** (Rs. Fifty Lakh Ten Thousand Seven Hundred and Eighty Four **Only**) with break-up of **Rs.** *2782059/-* **under Capital (Non-recurring) head** and **Rs.***2228725/-* **under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 5010784/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Minor Equipment -> High Temperature Vacuum Furnace -> Potentiostat/Galvanostat	2782059
A'	*Total (Non-Recurring)*	***2782059***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1773200
2	Recurring - B : (Overhead Charges)	455525
B'	*Total (Recurring)*	***2228725***
C	**Total cost of the project (A' + B')**	**5010784**

2. Sanction of the **SERB** is also accorded to the payment of
Rs. 2782059/- (Rupees Twenty Seven Lakh Eighty Two Thousand and Fifty Nine only) under 'Grants for creation of capital assets' and **Rs. 742907/-** (Rupees Seven Lakh Forty Two Thousand Nine Hundred and Seven only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Physical Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **17 August, 2016** and vide Diary No. **SERB/F/3239/2016-17** dated **19 August, 2016**

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5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3524966/-** (Rupees Thirty Five Lakh Twenty Four Thousand Nine Hundred and Sixty Six only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch Tezpur, Lake Road, Tezpur-784001, Dist-Sonitpur, Assam**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**ask@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2015/000428 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Finance & Budget Officer

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17

SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Prof. Ashok Kumar** **Physics** **Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011** **Email: ask@tezu.ernet.in** **Mobile: 919401620770** **Prof. Niranjan Karak** **Department Of Chemical Sciences (Center For Polymer Science And Technology)** **Tezpur University** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

http://serbonline.in/SERB/ViewProceedingCommentsTransactionP

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From: SERB_Administrator@serbonline.in
Subject: [MASSMAIL]SERB-Notification
Date: Wed, September 18, 2019 9:49 am
To: "info@serbonline.in"@imsva02.cdacnoida.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: EMR/2015/000428

Dated: 18-Sep-2019

Subject: Project titled "Development of graphene based conducting polymer nanocomposites for electrochemical energy storage applications".

Dear Prof. Ashok Kumar,

I am pleased to inform you that the SERB has no objection in extending the duration of above mentioned project by **six months** i.e. from **09-09-2019** to **08-03-2020** without any additional funds.

Dean, R&D

This project has been extended till March 03, 2020. O/os regarding Mr. Ankush Medhi & Ms. Sumita Baruah. for BARC visit. Requests were made on Dec. 4, 2019. No intimation was given.

07.1.2020

Yours sincerely,

(Dr. Nilotpal Ghosh)
MS
Ph: Ph: 911140000396
Email: nilotpal@serb.gov.in

Prof. Ashok Kumar

Physics

Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011

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No. DST/INT/JSPS/P-223/2016
Government of India
Ministry of Science & Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhawan
New Mehrauli Road, New Delhi-110016
Dated: .08.2016

ORDER

Subject: Release of 1st instalment for implementation of Indo-Japanese joint research project entitled "Development of new water supply strategies for Brahmaputra watersheds of India under climate change regime"

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs.5,91,760/- (Rs. Five lakh ninety one thousand seven hundred sixty only)** in connection with implementation of the Indo-Japanese joint research project entitled "Development of new water supply strategies for Brahmaputra watersheds of India under climate change regime" by Dr. Manish Kumar, Asst. Prof., Department of Environmental Sciences, Tezpur University, Napaam, Assam in collaboration with Prof. Hiroaki Furumai, RECWET, Graduate School of Engineering, the University of Tokyo for a total duration of two years from the date of receipt of the DD of initial grant which has to be intimated by the grantee institution.

2. The composition of the project team is as below:

Indian Side	Japanese Side
i) Dr. Manish Kumar, Asst. Prof. Department of Environmental Sciences Tezpur University, Napaam, Assam	i) Prof. Hiroaki Furumai RECWET, Graduate School of Engineering, the University of Tokyo
ii) Dr. Raza Rafiqul Hoque, Assoc. Prof. Department of Environmental Sciences, Tezpur University, Napaam, Assam	ii) Dr. F. Kurisu RECWET, Graduate School of Engineering, the University of Tokyo
iii) Aparna Das Department of Environmental Sciences, Tezpur University, Napaam, Assam	iii) Dr. H. Katayama RECWET, Graduate School of Engineering, the University of Tokyo
iv) Jyotiprakash Deka Department of Environmental Sciences, Tezpur University, Napaam, Assam	iv) Dr. Ikeuro Kasuga RECWET, Graduate School of Engineering, the University of Tokyo
v) Anindita Gogoi Department of Environmental Sciences, Tezpur University, Napaam, Assam	

3. Change/replacement of project participants at any stage shall be allowed only with the prior approval of DST. The expenditure related to approve visits of participating scientists, as mentioned above shall incur from the project grant only.

4. The breakup of estimated expenditure is indicated below. No re-appropriation of funds from one budget head to the other is permissible under this project:

Items of Expenditure	1st Year	2nd Year	Total
Visits from India to Japan			
- Number of visits and duration for each visit (Guwahati -Tokyo- Guwahati)	2 visit (8 days each)	2 visits (16 days each)	4 visits
- International to & fro Airfare by economy class including airport taxes @ Rs.75,000/- per visit	1,50,000	1,50,000	3,00,000
- related local travel in India from city parent institute to nearest International Air Port (Tezpur-Guwahati-Tezpur)	10,000	10,000	20,000
- visa fee & Overseas medical insurance	21,880	21,880	43,760

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Visits from Japan to India			
- Number of visits and duration for each Visit (6 days each)	1 visit	2 visits	3 visits
- Accommodation in Guest House (@Rs 500/- per day)	30,000	60,000	90,000
- Per diem @ 1000 per day	6,000	12,000	18,000
- local travel in India between the host institute and the nearest International Air Port	15,000	30,000	45,000
- Field visits	40,000	35,000	75,000
Grand Total	**2,72,880**	**3,18,880**	**5,91,760**

5. As per the financial terms agreed by both sides, the sending side will pay the international transportation cost and the receiving side would provide the local hospitality for the visiting Scientists under the project.

6. **All project related Visits to be undertaken by the scientists from both side in connection with the implementation of the project should be as per this order and approval is to be obtained from DST prior to undertaking of any/each visit. The proposal for the visit should reach DST 6 weeks prior to the visit undertaken and the visit should be completed within the duration of the project. The scientists listed in project are eligible for the exchange visits**.

7. As per MOF instructions dated 13.07.2009 all cases of air travel both domestic and international, the officials may travel only by Air India. For travel to stations not connected by Air India the officials may travel by Air India to the Hub/Point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferably be an alliance partner of Air India.

8. Sanction of the President is hereby accorded for the release of **Rs.2,50,000/- (Rs.Two lakh fifty thousand only)** as initial installment. The payment of this amount may be made to DDO, DST for electronic transfer (E-transfer) to the account of Tezpur University, R & D as indicated below:

1	Name of A/C holder (as per Bank A/C)	Tezpur University, R & D
2	Bank Account No.	30448821505
3	Bank Branch Name & Address	State Bank of India, Main Branch, Tezpur - 784001
4	IFSC Code	SBIN0000195

9. This sanction is subject to submission of Utilization Certificate (UC) and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization of project and list of exchange visits of scientists under the project. It may please be noted that the agencies will have to enter and upload the U.Cs in PFMS portal besides sending it in physical form as per instructions attached.

10. The grantee Institute/University shall maintain separate accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned is to be mentioned in the furnished SE/UC. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of grant.

11. As per rule 211 (i) of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

12. Due acknowledgement of support received from DST should mandatorily be made in all publications / media releases resulting from this project grant during and after the completion of the project.

13. The expenditure involved is to be met out of the budget head Demand No. 77-Department of Science and Technology Major Head 3425-Other Scientific Research 60.798 International Cooperation 12-S&T Cooperation with Other Countries 12.00.31–Grants-in-aid general(Plan) for the current financial year 2016-17.

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14. No prior SE/UC is pending against the Indian PI Dr. Manish Kumar, Asst Prof Department of Environmental Sciences, Tezpur University, Napaam, Assam for this project, it being the sanction order for release of 1st instalment of the project

15. This issues under the delegated powers to the Ministries/Departments and with the financial concurrence of Dy. No. C/2522/IFD 2016-17 dated 03.08.2016

16. This Sanction Order has been entered in Grant-in-aid Register at S. No. 166

(Pulok Sen Gupta)
Under Secretary to the Govt. of India

To

The Pay & Accounts Officer,
Dept. of Science and Technology, New Delhi

Copy to:

1. Office of the Principal Director & Audit IIIrd Floor, AGCR Bldg., IP Estate New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Dr. Manish Kumar, Assistant. Professor
   Department of Environmental Sciences
   Tezpur University, Napaam, Assam-784028
5. Sanction folder

(Pulok Sen Gupta)
Under Secretary to the Govt. of India

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FD Diary No.2065
Dated : 28.07.2016

University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002

No.F.30-315/2016 (BSR) **Dated: September,2016**

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002.

- 7 SEP 2016

Subject:- **Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the financial year 2016-2017 under Plan.**

Sir,

The University Grants Commission convey its approval and allocate a sum of **Rs.6,00,000/- (Rupees Six Lakhs Only) @ Rs.6.00 Lakhs each faculty** to the **Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam)** being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of **Rs.6,00,000/- (Rupees Six Lakhs only)** to the **Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam)** being the approval of **Rs.6,00,000/- (Rupees Six Lakhs only) @ Rs.6.00 Lakhs each faculty** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2016-2017.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (Rs.)	Amount being released (Rs.)
UGC-BSR Start-up grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professor level in science department	3(D) (i) 31	Dr. Biraj Kumar Kakati	Energy	6,00,000/-	6,00,000/-
			Total:	6,00,000/-	6,00,000/-

2. The sanctioned amount is debitable to the major Head 3~~(D)~~ (60) **31** and is valid for payment during the financial year 2016-17 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam)** through Electronic mode as per the following details:

a.	**Details (Name & Address) of Account Holder**	:	**Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam)**
b.	**Account No.**	:	**1699695635**
c.	**Name & Address of Bank Branch**	:	**Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784001 (Assam)**
d.	**MICR Code**	:	**784016002**
e.	**IFSC Code**	:	**CBIN0281346**
f.	**Type of Account**	:	**Saving**

4. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.

5. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guideline there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the UGC as early as possible after the close of the current financial year.

8. The assets acquired wholly or substantially out of University Grants Commission's Grant Shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given, without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.

9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.

10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10 % per annum as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.

11. The University / Institution shall follow strictly the Government of India / UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.

12. The University / Institution shall fully impiement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.

13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admn. IA & B)] dated 28/5/2013.

14. The University /Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

15. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. This issues with the concurrence of IFD vide Diary No.**824** (IFD) Dated **16.05.2016**.

19. This issues with the approval of **C.M. Sectt., UGC** vide Diary No.**29374** Dated **31.05.2016**

Noted in BCR Register 2016-2017 at P.No 02 S.No 08.

Yours faithfully,

(Mrs. Paramjeet)
Under Secretary

Copy forwarded for information and necessary action to:-

1. **Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam).** He/She is requested to abide by these instructions/guidelines of sanction order.

2. The Secretary (Education) to the State Government of **Assam, Tezpur.**

3. **The Head, Department of Energy, Tezpur University, Napaam, Tezpur-784028 (Assam).**

4. **Dr. Biraj Kumar Kakati, Assistant Professor, Department of Energy, Tezpur University, Napaam, Tezpur-784028 (Assam).**

5. The Director General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.

6. Guard file.

(Neera Chopra)
Section Officer

Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Government of India

FILE NO. EMR/2016/000537

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 17-Sep-2016

ORDER

Subject: Financial Sanction of the research project titled "**Green nanocomposite from fully renewable bio polymers: modified vegetable oil reinforced with rosin acid and keratin**" under the guidance of Prof. Tarun Kumar Maji, Chemical Sciences, Tezpur University , Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 and by Prof. Ashim Jyoti Thakur, Prof., Chemical Sciences, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2342560/- (Rs.** Twenty Three Lakh Forty Two Thousand Five Hundred and Sixty **Only)** with break-up of **Rs. *500000*/- under Capital (Non-recurring) head** and **Rs.*1842560*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2342560/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Ultrasonicator	500000
A'	*Total (Non-Recurring)*	***500000***
B	**Recurring Items**	

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1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1629600
		212960
2	Recurring - B : (Overhead Charges)	***1842560***
B'	*Total (Recurring)*	**2342560**
C	**Total cost of the project (A' + B')**	

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 613000/-** (Rupees Six Lakh Thirteen Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Organic Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **09 September, 2016** and vide Diary No. **SERB/F/4042/2016-17** dated **13 September, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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10. The release amount of **Rs. 1113000/-** (Rupees Eleven Lakh Thirteen Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar,Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch,Tezpur, Lake Road, Tezpur, Sonitpur, Assam, 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**bpathak@tezu.ernet.in**
Email id of PI	**tkm@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/000537 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

(Dr. Monika Agarwal)

Scientist E

monika@serb.gov.in

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F.No.52-7/RIFD/UBA/POLICY-1/2016-17 2366 Dated : 22.09.2016

18/10/16.

Dr. Utpal Das → Civil Engg

17 OCT 2016

To

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110067

Sub : SANCTION ORDER for Release of grant-in-aid under Unnat Bharat Abhiyan (UBA) for the financial year 2016-17.

Sir,

I am directed to convey the sanction of the Council for payment of **Rs.5,00,000/- (Rupees Five Lakhs Only)** during the financial year 2016-17, under the Scheme of **UBA** as Grant-in-aid for meeting the expenditure for implementing the Scheme to the College, as per details given below :

Name and address of the Institution	:	Tezpur University, Napaam, District-Sonitpur, Tezpur, Assam-784028
Name of Chief Coordinator	:	Dr. UTPAL DAS
Total amount of Grant Sanctioned by Competent Authority	:	Rs.5,00,000/- (Rupees Five Lakhs Only) [Rs.3,00,000/- under non-recurring & Rs.2,00,000/- for recurring expenditure]
Amount to be released	:	Rs.5,00,000/- (Rupees Five Lakhs Only) [Rs.3,00,000/- under non-recurring & Rs.2,00,000/- for recurring expenditure]
Duration of Project	:	**2 Years** (subject to annual review & satisfactory progress)

5. The sanctioned grant-in-aid is debitable to the major head: **602.05 Unnat Bharat Abhiyan (UBA)** under non-plan head and is valid for payment during the financial year 2016-17

2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education (AICTE), New Delhi, on the basis of Grants-in-aid bill and shall be disbursed to and credited to the Registrar / Director / Principal, through E-Payment system.

3. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE.

4. The project sanctioned by the AICTE is assigned a specific file number which is mentioned above. All correspondence addressed to AICTE regarding the project must quote this number along with year of sanction of the project otherwise the correspondence will not be entertained.

5. The Institute / College / University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.

6. The University / College / Institute shall utilize grant only on approved items of expenditure and maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Govt. of India.

7. The assets acquired wholly or substantially out of All India Council for Technical Education's grants shall not be disposed or encumbered or utilized for purposes other than those for which the Grant was given, without proper sanction of the All India Council for Technical Education and should at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.

Contd....2/-

Administrative
(Application No: AGRI/2015/33)

File No. BT/PR16361/NER/95/192/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 18/10/2016

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Integrating Genome scale metabolic analysis of model plant pathogen *Ralstonia solanacearum* with RNAseq and fluxomics"** by Dr. Siddhartha Satapathy, Tezpur University, Tezpur and Dr. Shyam Masakapalli, Indian Institute of Technology, Mandi, Himachal Pradesh at a total cost of **₹ 57.40 lakhs (Rupees Fifty Seven lakhs and Forty thousand only)** for a period of three years on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Integrating Genome scale metabolic analysis of model plant pathogen *Ralstonia solanacearum* with RNAseq and fluxomics

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)
Dr. Siddhartha Satapathy
Associate Professor
Department of Computer Science & Engineering
Tezpur University, Napaam- 784028,
Tezpur, Assam

2.2.2 Co-PI Name: (Parent Institute)
Dr. Suvendra Ray
Associate Professor
Department of Molecular Biology and Biotechnology
Tezpur University, Napaam- 784028, Assam

2.2.3 Principal Investigator: (Collaboration Institute)
Dr. Shyam Masakapalli
Assistant Professor
School of Basic Sciences
Indian Institute of Technology,
Academic Block, Near Vallabh College Campus,
Mandi- 175001, Himachal Pradesh.

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2.2.4 Co-PI Name:
(Collaboration Institute)

Dr. Tulika Srivastava
Assistant Professor
School of Basic Sciences
Indian Institute of Technology,
Academic Block, Near Vallabh College Campus,
Mandi- 175001, Himachal Pradesh.

2.3 Objectives:

Tezpur University:

1. To reconstruct and validate genome-scale models of R. solanacearum strains from available draft genome sequences.
2. To use the combination of metabolite profiling, biomass compositional analysis, co-utilisation of different substrates to understand the metabolic potential and limitations of R. solanacearum.
3. Constraint based flux analysis of R. solanacearum.
4. RNAseq transcriptome sequencing under normal and mimicked nutritional regimes.

Indian Institute of Technology, Mandi, HP:

1. To define the precise metabolic flux phenotypes of R. solanacearum under different nutritional regimes.
2. Analysis of RNAseq whole transcriptome data, to map the gene expression profiles under different conditions using advanced tools.
3. Integration of RNAseq, FBA and/or 13C flux analysis data into the genome scale metabolic models as constraints leading to improved modelling studies.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam, Tezpur

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	HP Color LaserJet Pro MFP M477fdw	41,700.00
2.	DELL Laptop (Latitude E5550)	1,07,500.00
3.	Dell Precision Tower 7810 Workstation	1,45,000.00
4.	HDMI Projector	1,55,000.00
	Total	**4.49**

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2.5.2 Indian Institute of Technology, Mandi, HP

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	JKEM Parallel tube reaction system and accessories	3.83
	Total	**3.83**

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course)

JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008.

2.6.1 Tezpur University, Napaam, Tezpur

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	**10.29**
Total			**3.30**	**3.30**	**3.69**	**10.29**

2.6.2 Indian Institute of Technology, Mandi, HP

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	**10.29**
Total			**3.30**	**3.30**	**3.69**	**10.29**

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2.7 Budget Estimate:

The total cost of the project is **₹ 57.40 lakhs (Rupees Fifty Seven lakhs and Forty thousand only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Tezpur

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	4.49	0.00	0.00	**4.49**
Sub Total- I	**4.49**	**0.00**	**0.00**	**4.49**
II. Recurring				
1. Manpower	3.30	3.30	3.69	**10.29**
2. Consumables	4.00	6.00	0.00	**10.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	1.00	1.00	1.00	**3.00**
Sub Total- II (1-5)	**9.30**	**11.30**	**5.69**	**26.29**
GRAND TOTAL (I+II)	**13.79**	**11.30**	**5.69**	**30.78**

2.7.2 Indian Institute of Technology, Mandi, HP

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	3.83	0.00	0.00	**3.83**
Sub Total- I	**3.83**	**0.00**	**0.00**	**3.83**
II. Recurring				
1. Manpower	3.30	3.30	3.69	**10.29**
2. Consumables	3.00	3.00	2.00	**8.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**7.80**	**7.80**	**7.19**	**22.79**
GRAND TOTAL (I+II)	**11.63**	**7.80**	**7.19**	**26.62**

(i) Grand total for 3 years (30.78+ 26.62) = ₹ 57.40 lakhs
(ii) Total for 1st year release (13.79+11.63) = ₹ 25.42 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

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(4)

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam- 784028, Tezpur, Assam.
6. The Vice-Chancellor, Tezpur University, Napaam- 784028, Tezpur, Assam.
7. The Director, Indian Institute of Technology Mandi, Kamand Campus, Kamand, Mandi-175001, Himachal Pradesh.
8. Dr. Siddhartha Satapathy, Associate Professor, Department of Computer Science & Engineering, Tezpur University, Napaam- 784028, Tezpur, Assam.
9. Dr. Suvendra Ray, Associate Professor, Department of Molecular Biology and, Biotechnology, Tezpur University, Napaam- 784028, Assam
10. Dr. Shyam Masakapalli, Assistant Professor, School of Basic Sciences, Indian Institute of Technology, Academic Block, Near Vallabh College Campus, Mandi- 175001, Himachal Pradesh.
11. Dr. Tulika Srivastava, Assistant Professor, School of Basic Sciences, Indian Institute of Technology, Academic Block, Near Vallabh College Campus, Mandi- 175001, Himachal Pradesh.
12. Concern file.
13. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T. Madhan Mohan)
Advisor, DBT

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BT/PR16361/NER/95/192/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003.
Dated 07/10/2019

EXTENSION ORDER

In Continuation to the department's sanction order of even number Dated 18/10/2016, Sanction of the President is hereby accorded to the extension of the project entitled "***Integrating Genome scale metabolic analysis of model plant pathogen Ralstonia Solanacerum with RNAseq and fluxomics***" by Dr. Siddhartha Sankar Satapathy, Tezpur University, Tezpur and Dr. Shyam Kumar Masakapalli, iNdian Institute of Technology, Mandi for the period of six months within already sanctioned budget i.e upto 17th April, 2020. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/PR16361/NER/95/192/2015 dated 18/10/2016.**

(Dr. Vaishali Panjabi)
Scientist 'E'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi- 110003
Copy forwarded for information/necessary action to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (2 Copies).
3. Sanction Folder.
4. IFD, DBT
5. The Registrar, Tezpur University, Napaam- 784028, Tezpur, Assam.
6. The Vice-Chancellor, Tezpur University, Napaam- 784028, Tezpur, Assam.

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(18)

Administrative
(Application No: AGRI/2015/62)

File No. BT/PR16828/NER/95/307/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 18/10 /2016

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powe
Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for t
NE'** titled **"Designing bioactive peptides from whey liquid waste of the dairy industr
Functionality and health benefit in Obesity, Obesity associated disorders with exploration of
molecular mechanism"** by Dr. Raj Kumar Duary, Tezpur University, Napaam, Assam and Dr.
Krishna Das Saha, Indian Institute of Chemical Biology, West Bengal at a total cost of **₹ 54.55
lakhs (Rupees Fifty Four lakhs and Fifty Five thousand only)** for a period of three years on
the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Designing bioactive peptides from whey liquid waste of the dairy industry: Functionality and health benefit in Obesity, Obesity associated disorders with exploration of molecular mechanism.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)

Dr. Raj Kumar Duary
Assistant Professor
Department of Food Engineering and Technology
Tezpur University, Napaam,
Sonitpur-784028, Assam

2.2.2 Principal Investigator: (Collaboration Institute)

Dr. (Mrs.) Krishna Das Saha
Principal Technical Officer
Cancer Biology and Inflammatory Disorder Division
CSIR-Indian Institute of Chemical Biology,
4, Raja S. C. Mullick Road, Jadavpur, Kolkata-700032, West Bengal.

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2.3 Objectives:

1. To study the design and function of bioactive peptides and protein hydrolysate using computational in silico tools.
2. To produce bioactive peptides from whey liquid waste of dairy industry by enzymatic hydrolysis, and study their functional characteristics.
3. To study the anti-obesity, anti-oxidant, anti-inflammatory and anti-diabetic activity of novel whey bioactive peptides in vitro in pre-adepocyte cell line.
4. To examine anti-obesity, anti-oxidant, anti-inflammatory and anti-diabetic activity of the novel whey bioactive peptides in obese mice model.
5. To explore the mechanistic cross-talk of amelioration of obesity and associated disorders by the novel whey bioactive peptides.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam, Assam

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Biosafety cabinet II	3.53
2.	Refrigerated Centrifuge	3.99
3.	Ultrasonic Bath	0.83
4.	Vis-Spectrophotometer	0.90
	Total	**9.25**

2.5.2 Indian Institute of Chemical Biology, West Bengal

Nil.

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course)

JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008.

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(14)

2.6.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	10.29
Total			**3.30**	**3.30**	**3.69**	**10.29**

2.6.2 Indian Institute of Chemical Biology, West Bengal

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3rd yr	3.90	3.90	4.36	12.16
Total			**3.90**	**3.90**	**4.36**	**12.16**

2.7 Budget Estimate:

The total cost of the project is **₹ 54.55 lakhs (Rupees Fifty Four lakhs and Fifty Five thousand only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	9.25	0.00	0.00	**9.25**
Sub Total- I	**9.25**	**0.00**	**0.00**	**9.25**
II. Recurring				
1. Manpower	3.30	3.30	3.69	**10.29**
2. Consumables	6.00	3.00	1.00	**10.00**
3.Travel	0.30	0.35	0.35	**1.00**
4. Contingency	0.30	0.20	0.20	**0.70**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**10.40**	**7.35**	**5.74**	**23.49**
GRAND TOTAL (I+II)	**19.65**	**7.35**	**5.74**	**32.74**

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2.7.2 Indian Institute of Chemical Biology, West Bengal

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	0.00	0.00	0.00	**0.00**
Sub Total- I	**0.00**	**0.00**	**0.00**	**0.00**
II. Recurring				
1. Manpower	3.90	3.90	4.36	**12.16**
2. Consumables	3.00	3.00	2.00	**8.00**
3.Travel	0.20	0.20	0.15	**0.55**
4. Contingency	0.20	0.20	0.15	**0.55**
5.Overhead charges	0.20	0.20	0.15	**0.55**
Sub Total- II (1-5)	**7.50**	**7.50**	**6.81**	**21.81**
GRAND TOTAL (I+II)	**7.50**	**7.50**	**6.81**	**21.81**

(i) Grand total for 3 years (32.74+ 21.81) = ₹ 54.55 lakhs
(ii) Total for 1st year release (19.65+7.50) = ₹ 27.15 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this,sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

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2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/2122/2016-2017 Dated 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.**/77-/78 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T. Madhan Mohan)
Advisor, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam, Sonitpur, Tezpur-784028, Assam.
6. The Vice Chancellor, Tezpur University, Napaam, Sonitpur, Tezpur-784028, Assam.
7. The Director, CSIR-Indian Institute of Chemical Biology, 4, Raja S. C. Mullick Road, Jadavpur, Kolkata- 700032.
8. Dr. Raj Kumar Duary, Assistant Professor, Department of Food Engineering and Technology, Tezpur University, Napaam, Sonitpur, Tezpur-784028, Assam.

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(Application N[illegible]ED/2015/102)

File No. BT/PR15941/NER/95/33/2015

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 18 / 10 /2016

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Nanoparticle based approach to enhance the AMP efficacy against AMP resistant bacteria"** by Dr. Anupam Nath Jha, Tezpur University, Assam and Dr. Suman Jha, National Institute of Technolog, Rourkela, Odisha at a total cost of **₹ 37.79 lakhs (Rupees Thirty Seven Lakhs and Seventy Nine Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Nanoparticle based approach to enhance the AMP efficacy against AMP resistant bacteria.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)	Dr. Anupam Nath Jha Assistant Professor Dept. of Molecular Biology & Biotechnology Tezpur University, Tezpur, Napaam Assam-784028
2.2.2 Principal Investigator: (Collaboration Institute)	Dr. Suman Jha Assistant professor Dept. of Life Science, National Institute of Technology, Rourkela, Odisha-769008, India

2.3 Objectives:

Tezpur University, Assam:

1. Identification and data collection of antimicrobial peptides (AMP)
2. Computational analysis of different structural characteristics and functional properties of AMP
3. Interaction study of NP-AMP using molecular docking
4. Time based evaluation of interaction mechanism of NP-AMP interface by molecular dynamics simulation
5. Study of the importance of functional groups on NP surface affecting the interaction pattern
6. Formulation for enhancing the efficacy of AMP

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National Institute of Technology, Rourkela

1. Synthesis and characterization of photocatalytic nanoparticles like ZnONP, ION AgNP, Alum nanoparticle etc.
2. Binding thermodynamics of identified AMPs with the synthesised nanoparticle extensively, using ITC. Conformational dynamics of AMPs upon conjugation binding to the nanoparticle using CD spectropolarimeter, ATR□FTIR, etc.
3. Modification of accessible functional groups of the nanoparticles (according to th simulation results), and characterization of the modifications.
4. Investigation of binding thermodynamics and conformational dynamics of AMP upon conjugation with the surface modified nanoparticles.
5. Investigation of the AMP□NP conjugates antimicrobial activity against sensitiv and membrane based resistant bacteria
6. Comparative study of the AMP□NP conjugates antimicrobial activity again enzyme based, membrane base resistant bacteria with sensitive bacteria.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Computer workstation (2)	10.00
Total		**10.00**

2.5.2 National Institute of Technology, Rourkela

NIL

2.6 Manpower:

Fellowship Conditions:
A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.

2.6.1 Tezpur University, Assam

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	10.29
Total			**3.30**	**3.30**	**3.69**	**10.29**

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2.6.2 **National Institute of Technology, Rourkela**

NIL

2.7 Budget Estimate:

The total cost of the project is **₹ 37.79 lakhs (Rupees Thirty Seven Lakhs and Seventy Nine Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	10.00	0.00	0.00	**10.00**
Sub Total- I	**10.00**	**0.00**	**0.00**	**10.00**
II. Recurring				
1. Manpower	3.30	3.30	3.69	**10.29**
2. Consumables	1.00	1.00	1.00	**3.00**
4.Travel	0.50	0.50	0.50	**1.50**
5. Contingency	0.50	0.50	0.50	**1.50**
6.Overhead charges	1.00	1.00	1.00	**3.00**
Sub Total- II (1-6)	**6.30**	**6.30**	**6.69**	**19.29**
GRAND TOTAL (I+II)	**16.30**	**6.30**	**6.69**	**29.29**

2.7.2 National Institute of Technology, Rourkela

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	0.00	0.00	0.00	**0.00**
Sub Total- I	**0.00**	**0.00**	**0.00**	**0.00**
II. Recurring				
1. Manpower	0.00	0.00	0.00	**0.00**
2. Consumables	2.00	2.00	1.00	**5.00**
3.Travel	0.50	0.50	0.00	**1.00**
4. Contingency	0.00	0.50	0.50	**1.00**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**3.00**	**3.50**	**2.00**	**8.50**
GRAND TOTAL (I+II)	**3.00**	**3.50**	**2.00**	**8.50**

(i) Grand total for 3 years (₹ 29.29 + ₹ 8.50) = ₹ 37.79 lakhs
(ii) Total for 1st year release (₹ 16.30 + ₹ 3.00) = ₹ 19.30 lakhs

Other Terms & Conditions:

The other terms and conditions governing this sanction are attached at **Annexure-I.**

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2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department o Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given a **Annexure II** and the subsequent releases will be made only after signing of MoA by th grantee institute and its acceptance by DBT. All pages need to be signed by the PI and th forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from th date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No**.....173-174 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

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The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110003

py to:

The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
Cash Section, DBT (For information only).
Sanction Folder.
IFD. DBT.
The Registrar, Tezpur University, Tezpur, Napaam, Assam-784028
The Vice-Chancellor, Tezpur University, Tezpur, Napaam, Assam-784028.
Dr. Anupam Nath Jha, Assistant Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Napaam, Assam-784028.
The Director, National Institute of Technology, Rourkela, Odisha-769008, India
Dr. Suman Jha, Assistant professor, Dept. of Life Science, National Institute of Technology, Rourkela, Odisha-769008, India.
Concern file.
The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T Madhan Mohan)
Adviser, DBT

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Application No. MED/2015/102

BT/PR15941/NER/95/33/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology
(NER-BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road,
New Delhi-110003
Dated 22/10/2019

EXTENSION ORDER

In continuation of this Department's sanction order dated 18.10.2016, sanction of the President is hereby accorded to the extension of the project entitled **"Nanoparticle based approach to enhance the AMP efficacy against AMP resistant bacteria"** for the period of six months i.e. upto 17th April, 2020 within the sanctioned budget. At the end of this period, the following documents may be submitted:

i. Utilization Certificate (UC) for the entire duration of the project (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is unspent balance at the end of the project, kindly send a DD in favour of DDO, DBT, New Delhi for final settlement of accounts.

2. The other terms and conditions of the sanction order dated 18.10.2016 remains unaltered.

Vaishali

(Dr. Vaishali Panjabi)
Scientist "E"

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. The Registrar, Tezpur University, Tezpur University, Napaam, Tezpur, Sonitpur, Tezpur - 784028, Assam
3. Dr. Anupam Nath Jha, Assistant Professor, Molecular Biology and Biotechnology, Tezpur University, Dept of MBBT, Tezpur University, Tezpur - 784028, Assam.

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Media Lab Asia
innovating for Digital Inclusion

(A Section 25 Company of Department of Electronics and Information Technology,
Ministry of Communications and Information Technology, Govt. of India)
CIN : U72900MH2001NPL133410
ISO 9001 - 2008 Certified Organisation

Corporate & Registered Office :
Samruddhi Venture Park
No.2, 4th Floor
Central M.I.D.C. Road
Andheri (East), Mumbai - 400093
Tel.: +91(22) 28312931 / 28327505
Fax: +91(22) 28379158

Information Technology Research Academy (ITRA)

Administrative Approval

Ref. No.: ITRA/15(189)/Ag&Food/e-Varaha/01 **Date: October 28, 2016**

Subject: Administrative Approval for execution of the project "e-Varaha: Information System for Safe Pork Production in North Eastern India."

Implementing Agency's:

(I) Indian Institute of Technology (IIT) Guwahati, Guwahati – Lead Institution- IT
- **(i) Tezpur University (TUA), Assam-PIN-IT;**
- **(ii) Manipur University (MUM), Imphal, Manipur- PIN-IT;**

(II) ICAR-National Research Centre on Pig (NRCP), Guwahati – Lead Institution-AF;
- **(i) ICAR-Research Complex for North Eastern Hilly Region (ICAR-RCNEHR-M), Barapani, Meghalaya- PIN-AF;**
- **(ii) College of Veterinary Sciences & Animal Husbandry, Central Agricultural University (CVS), Aizawl, Mizoram-PIN-AF;**
- **(iii) Veterinary College, Karnataka Veterinary, Animal and Fisheries Sciences University (VC-KVAFSU), Karnataka– PIN-AF;**

Dear Sir,

I am directed to convey the Administrative Approval of the Competent Authority for the implementation of the above named project by the team of 7 institutions with Indian Institute of Technology (IIT), Guwahati as (Lead Institution-IT) and ICAR- National Research Centre on Pig (ICAR-NRCP), Guwahati (Lead Institution-AF). The total estimated cost of the project is Rs. 240.87 Lakhs (Rupees Two Crore Forty Lakhs and Eighty Seven Thousand Only) as Grant from ITRA, Media Lab Asia. **The duration of the project is 24 months.**

2. ITRA, Media Lab Asia shall provide funds for undertaking the Project through a grant of Rs. 240.87 Lakhs (Rupees Two Crore Forty Lakhs and Eighty Seven Thousand Only) for the implementation of the above project. The details of the project are given in the Annexure-I enclosed. Also enclosed is Annexure-II containing the **terms & conditions** for the implementation of the said project.

3. You are instructed to send the confirmation of acceptance of **terms & conditions** attached with the Administrative approval in respect of the project. The release of funds shall be subject to receiving the duly signed copy of the terms & conditions by Media Lab Asia.

Media Lab Asia Dept. of Electronics & Information Technology Ministry of Communications & Information Technology Govt. of India

George Arakal
Director (Admin. & Finance)

media Lab ASIA
innovating for Digital Inclusion

ISO-9001-2008 CERTIFIED

To:

1. Prof. S.R.M. Prasanna, Dean, Research & Development, Indian Institute of Technology Guwahati, Guwahati - 781039.
2. Prof. Mihir Kanti Chaudhuri, Vice-Chancellor, Tezpur University, Assam - 784028.
3. Prof N Lokendra Singh, Registrar, Manipur University, Canchipur, Imphal - 795003.
4. Dr. Dilip Kumar Sarma, Director, ICAR-National Research Center on Pig, Guwahati - 781131.
5. Dr. S.V. Ngachan, Director, ICAR-Research Complex for NEH Region, Umroi Road, Umiam Meghalaya - 793103.
6. Dr. D. Kathiresan, Dean, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Selesih, Aizawl, Mizrom - 796014.
7. Dr. Chandrapal Singh, Registrar, Veterinary College, Karnataka Veterinary, Animal and Fisheries Sciences University (VC-KVAFSU), Nandinagar, Bidar-585 401

cc:

1. Dr. Sukumar Nandi, Professor, Department of Computer Science & Engineering, Indian Institute of Technology, Guwahati - 781039.
2. Dr. Nityananda Sarma, Professor, Department of Computer Science & Engineering, Tezpur University, Assam - 784028.
3. Dr. Khumukcham Robindro Singh, Assistant Professor, Department of Computer Science, Manipur University, Manipur - 795003.
4. Dr. Girish Patil S., Senior Scientist (Livestock Products Technology), ICAR-National Research Center on Pig, Indian Council of Agricultural Research, Guwahati - 781131.
5. Dr. Arnab Sen, Principal Scientist & Head, Division of Animal Health, ICAR-Research Complex for NEH Region, Barapani, Meghalaya - 793103.
6. Dr. Tapan Kumar Dutta, Associate Professor, Department of Veterinary Microbiology, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Selesih, Aizawl, Mizrom - 796014
7. Dr, Nagappa Karabasanavara, Assistant Professor, Department of Veterinary Public Health and Epidemiology, Veterinary College, Karnataka Veterinary, Animal and Fisheries Sciences University (VC-KVAFSU), Shivamogga, Karnataka - 577204.
8. Dr. R. V. Prasad, Dean, Veterinary College, Karnataka Veterinary, Animal and Fisheries Sciences University (VC-KVAFSU), Shivamogga, Karnataka - 577204.
9. Dr. M.R. Anand, MD & CEO, Media Lab Asia - New Delhi
10. Prof. Narendra Ahuja, Director, ITRA - New Delhi
11. Mr. K.P. Sivadas, Manager Accounts, Media Lab Asia - Mumbai
12. Project File

MEDIA LAB ASIA ITRA

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Annexure-I to the Administrative Approval No.:
ITRA/15(189)/Ag&Food/e-Varaha/01 **Date : 28.10.2016**

1.	Name of the Project	:	**e-Varaha: Information system for Safe Pork Production in North Eastern India**
2.	Objective	:	i) Study of the routes of pig- to- pork in the north eastern region ii) Development of IT based systems for examining health status of slaughter purpose pigs and post mortem examination of carcasses iii) Development of tools for identification and traceability of pork iv) Development of piggery information management system for traceability and pork safety
3.	Area of Coverage	:	IT based Transformations in Indian Agriculture and Food *(ITRA-Ag&Food)*
4.	Names of the Implementing Agencies and Status	:	(i) Indian Institute of Technology (IIT), Guwahati- Lead Institution- IT (ii) Tezpur University (TUA), Assam-PIN-IT; (iii) Manipur University (MUM), Imphal, Manipur-PIN-IT; (iv) ICAR-National Research Centre on Pig (NRCP), Guwahati – Lead Institution-AF; (v) ICAR-Research Complex for North Eastern Hilly Region (ICAR-RCNEHR-M), Barapani, Meghalaya- PIN-AF; (vi) College of Veterinary Sciences & Animal Husbandry, Central Agricultural University (CVS), Aizawl, Mizoram-PIN-AF; and (vii) Veterinary College, Karnataka Veterinary, Animal and Fisheries Sciences University (VC-KVAFSU), Karnataka – PIN-AF
5.	Locations	:	(i) IIT Guwahati: Guwahati, Assam (ii) TUA: Tezpur, Assam (iii) MUM: Imphal, Manipur (iv) ICAR-NRCP: Guwahati, Assam (v) ICAR-RCNEHR-M: Barapani, Meghalaya (vi) CVS: Aizawl, Mizoram (vii) VC-KVAFSU - Karnataka
6.	Principal Investigators	:	(i) Dr. Sukumar Nandi, Professor, Dept. of Computer Science & Engineering, IIT Guwahati (ii) Dr. Nityananda Sarma, Professor, Dept. of Computer Science & Engineering, TUA (iii) Dr. Khumukcham Robindro Singh, Assistant Professor, Dept. of Computer Science, MUM (iv) Dr. Girish Patil, S., Senior Scientist (Livestock Products Technology), ICAR-NRCP (v) Dr. Arnab Sen, Principal Scientist & Head, Division of Animal Health, ICAR-RCNEHR-M (vi) Dr. Tapan Kumar Dutta, Associate Professor, Dept. of Veterinary Microbiology, CVS (vii) Dr. Nagappa, Karabasanavar, Assistant Professor, Dept. of Veterinary Public Health and Epidemiology, VC-KVAFSU - Karnataka
7.	Total project duration	:	24 Months
	i) Expected date of commencement	:	October 28, 2016
	ii) Expected date of completion	:	October 27, 2018

MEDIA LAB ASIA - ITRA

8. Total project outlay :

a. Year wise and item-wise break up of expenditure (Rs. In Lakhs)

Budget Head	1st Year	2nd Year	Total
1. Capital Equipment and Works	57.50	1.00	58.50
2. Consumable stores	13.33	12.01	25.34
3. Manpower*	53.90	51.75	105.65
4. Training & Development	0.00	1.50	1.50
5. Workshop / Conference / Seminar	0.00	5.00	5.00
6. Technology and Entrepreneurship Development	0.00	0.00	0.00
7. Travel	12.00	16.00	28.00
8. Miscellaneous/Contingencies	0.47	0.47	0.94
9. Overheads	7.97	7.97	15.94
Total	**145.17**	**95.70**	**240.87**

b. Institution wise Budget outlay – Summary (Rs. in Lakhs)

Institute Name	1st year	2nd year	Total
IIT Guwahati	40.50	27.00	67.50
TUA, Assam	15.05	11.05	26.10
MUM, Imphal	14.75	10.50	25.25
ICAR-NRCP, Guwahati	48.67	26.87	75.54
ICAR-RCNEHR-M, Meghalaya	7.76	6.76	14.52
CVS, Aizawl	8.15	6.98	15.13
VC-KVAFSU, Karnataka	10.29	6.54	16.83
Total	**145.17**	**95.70**	**240.87**

c. Institute wise Budget (Rs. in Lakhs):

c.1 **IIT Guwahati: LIN-IT** (Rs. in Lakhs)

Budget Head		1st year	2nd year	Total
Capital Equipment and works		14.00	1.00	15.00
Consumable Stores	LFC	3.00	3.00	6.00
	S&C	0.50	0.50	1.00
Manpower	RP	15.50	13.00	28.50
	OPSL	0.00	0.00	0.00
	PIP	1.50	1.00	2.50
Training & Development	RMC	0.00	0.00	0.00
Workshop/Conference /Seminar	SSD	0.00	1.00	1.00
	OA	0.00	0.00	0.00
	SPPS	0.00	1.00	1.00
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	2.00	2.00	4.00
	International	1.50	2.00	3.50
Miscellaneous & Contingency	Misc	0.20	0.20	0.40
Overhead	Overhead	2.30	2.30	4.60
GRAND TOTAL		**40.50**	**27.00**	**67.50**

MEDIA LAB ASIA - IIT GUWAHATI

c.2 **TUA, Assam: PIN-IT** (Rs. in Lakhs)

Budget Head		1st year	2nd year	Total
Capital Equipment and works		5.50	0.00	5.50
Consumable Stores	LFC	0.25	0.50	0.75
	S&C	0.25	0.50	0.75
Manpower	RP	6.60	6.60	13.20
	OPSL	0.00	0.00	0.00
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.00	0.00
Workshop/Conference /Seminar	SSD	0.00	0.50	0.50
	OA	0.00	0.00	0.00
	SPPS	0.00	0.50	0.50
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	1.50	1.50	3.00
	International	0.00	0.00	0.00
Miscellaneous & Contingency	Misc	0.00	0.00	0.00
Overhead	Overhead	0.95	0.95	1.90
GRAND TOTAL		**15.05**	**11.05**	**26.10**

c.3 **MUM, Imphal: PIN-IT** (Rs. in Lakhs)

Budget Head		1st year	2nd year	Total
Capital Equipment and works		5.50	0.00	5.50
Consumable Stores	LFC	0.50	0.25	0.75
	S&C	0.25	0.25	0.50
Manpower	RP	6.60	6.60	13.20
	OPSL	0.00	0.00	0.00
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.00	0.00
Workshop/Conference /Seminar	SSD	0.00	0.50	0.50
	OA	0.00	0.00	0.00
	SPPS	0.00	0.50	0.50
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	1.00	1.50	2.50
	International	0.00	0.00	0.00
Miscellaneous & Contingency	Misc	0.00	0.00	0.00
Overhead	Overhead	0.90	0.90	1.80
GRAND TOTAL		**14.75**	**10.50**	**25.25**

c.4 **ICAR-NRCP, Guwahati: LIN-AF** (Rs. in Lakhs)

Budget Head		1st year	2nd year	Total
Capital Equipment and works		27.00	0.00	27.00
Consumable Stores	LFC	1.50	1.25	2.75
	S&C	0.15	0.25	0.40
Manpower	RP	7.20	8.06	15.26
	OPSL	3.96	3.96	7.92
	PIP	3.84	3.83	7.67
Training & Development	RMC	0.00	0.50	0.50
Workshop/Conference /Seminar	SSD	0.00	1.00	1.00
	OA	0.00	0.00	0.00
	SPPS	0.00	0.00	0.00

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Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	2.50	2.50	5.00
	International	0.00	3.00	3.00
Miscellaneous & Contingency	Misc	0.20	0.20	0.40
Overhead	Overhead	2.32	2.32	4.64
GRAND TOTAL		**48.67**	**26.87**	**75.54**

c.5. **ICAR-RCNEHR-M, Meghalaya: PIN-AF** (Rs. in Lakhs)

Budget Head		**1st year**	**2nd year**	**Total**
Capital Equipment and works		1.00	0.00	1.00
Consumable Stores	LFC	1.50	1.00	2.50
	S&C	0.00	0.00	0.00
Manpower	RP	3.60	3.60	7.20
	OPSL	0.00	0.00	0.00
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.50	0.50
Workshop/Conference /Seminar	SSD	0.00	0.00	0.00
	OA	0.00	0.00	0.00
	SPPS	0.00	0.00	0.00
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	1.00	1.00	2.00
	International	0.00	0.00	0.00
Miscellaneous & Contingency	Misc	0.04	0.04	0.08
Overhead	Overhead	0.62	0.62	1.24
GRAND TOTAL		**7.76**	**6.76**	**14.52**

c.6. **CVS, Aizawl: PIN-AF** (Rs. in Lakhs)

Budget Head		**1st year**	**2nd year**	**Total**
Capital Equipment and works		1.00	0.00	1.00
Consumable Stores	LFC	4.33	3.66	7.99
	S&C	0.10	0.10	0.20
Manpower	RP	0.00	0.00	0.00
	OPSL	0.60	0.60	1.20
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.50	0.50
Workshop/Conference /Seminar	SSD	0.00	0.00	0.00
	OA	0.00	0.00	0.00
	SPPS	0.00	0.00	0.00
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	1.50	1.50	3.00
	International	0.00	0.00	0.00
Miscellaneous & Contingency	Misc	0.03	0.03	0.06
Overhead	Overhead	0.59	0.59	1.18
GRAND TOTAL		**8.15**	**6.98**	**15.13**

MEDIA LAB ASIA - ITR

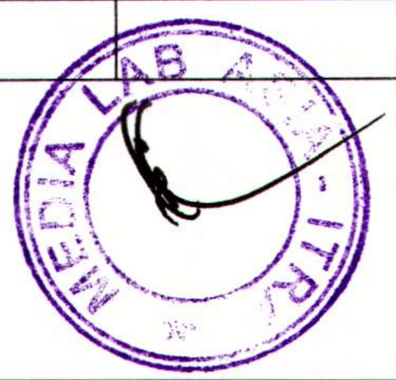
c.7. **VC-KVAFSU, Karnataka: PIN-AF** (Rs. in Lakhs)

Budget Head		1st year	2nd year	Total
Capital Equipment and works		3.50	0.00	3.50
Consumable Stores	LFC	0.85	0.65	1.50
	S&C	0.15	0.10	0.25
Manpower	RP	3.60	3.60	7.20
	OPSL	0.90	0.90	1.80
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.00	0.00
Workshop/Conference /Seminar	SSD	0.00	0.00	0.00
	OA	0.00	0.00	0.00
	SPPS	0.00	0.00	0.00
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	1.00	1.00	2.00
	International	0.00	0.00	0.00
Miscellaneous & Contingency	Misc	0.00	0.00	0.00
Overhead	Overhead	0.29	0.29	0.58
GRAND TOTAL		**10.29**	**6.54**	**16.83**

9)	Mode and extent of funding			Amount (Rupees in Lakhs)
	i)	Financial support from ITRA-MLAsia	:	
		(a) Grant		240.87
		(b) Loan		NIL
	ii)	Internal generation	:	NIL
	iii)	Other funding Agencies	:	NIL
		(a) Internal		
		(b) External		

10) Stages for release of Grants

Release No.	Stages of implementation	Documentation to be submitted by implementation Agency	Amount to be released (Rupees in Lakhs)
1	First Installment	• Acceptance of the terms and conditions governing Grants and surety bond, as applicable.	145.17
2	Second Installment on recommendation of the Project Review and Steering Group (PRSG)	• Technical progress report • Statement of Account • Utilization Certificate for the previous Grants • Request letter for next release	95.70
	Total		240.87



11) Notes:

<u>General to all teams:</u>

(i) The budget mentioned for the Year-2 in this Administrative Approval Order is only indicative. The actual level of funding shall be decided based on the 1st Year performance and achievement of the assignments by the institutions.

(ii)

i. The revised budget includes provision for international travel of ITRA Researchers (faculty & students).

ii. The earmarked funds meant for the team are being released to Lead Institution. The proposed travel abroad using ITRA funds should be routed through the PI of the Lead Institution and the laid down procedures on the subject shall be followed.

iii. Any international travel, out of the funds earmarked by ITRA, for the project, would require explicit written approval of ITRA, on case to case basis, before undertaking any such travel.

iv. The international travel shall be as per the relevant rules of the grantee institution once the approval is granted by ITRA.

(iii) The international travel of Advisor / Mentors from abroad is being separately managed by ITRA as per GOI norms.

(iv) The Project Review and Steering Group, may from time to time, recommend changes to enhance the performance of the project. These may include changing the scope of work, adding new institutions, etc., and these shall be carried out by the teams with the approval of ITRA.

(v) It is assumed that the project work, through the entire project period, will be carried out by the Project Investigators listed in the project documents with their current institutional affiliations. Changes will generally be not entertained

(vi) Fellowship amounts for PhD students shall be in line with orders issued to this effect by Media Lab Asia – ITRA.

12) Legend:

LFC	Lab & Field consumables
S&C	Stationary & Communication
RP	Research Personnel
OPSL	Other Project Staff/Labour
PIP	Periodically Involved Personnel(Mentors & Experts)
RMC	Research Motivated Carricula
SSD	Societal Sensitivity Development
OA	Outreach Activites
SPPS	Special Programmes to attract PhD Students from UG and PG Students
TED	Technology and Entrepreneurship Development
Dom.	Domestic Travel
Intl.	International Travel
Misc	Miscellaneous & Contingency

Media Lab Asia Dept. of Electronics & Information technology Ministry of Communications & Information Technology Govt. of India

George Arakal
Director (Admin. & Finance)

Administrative

No. BT/22/NE/2011
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER DIVISION)
*****

Block – 2, 7th Floor,
CGO Complex, Lodhi Road,
New Delhi – 110 003

Dated: 30/11 /2011

ORDER

Sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the sanction of Rs. 1404.00 Lakhs (Rupees Fourteen Crores Four Lakhs Only) to Biotech Consortium India Ltd (BCIL), for subsequent disbursement as per the sanction order to Fifty Two (52) Institutions which are given below at Sl No. 2.7 @ Rs. 27.00 Lakh (Rupees Twenty Seven Lakhs Only) to each institution for a period of three years for the establishment of **"Institutional Level Biotech Hubs (IBThubs)"** in their respective institutions. The NER-BPMC will follow up in term of budget utilization by the institutions, monitoring of progress and submission of consolidated UC & SE to DBT. The terms and conditions detailed here are as under:

2. **The Project:**

2.1. **Project Title:**

"Establishment of Institutional Level Biotech Hubs (IBThubs) by DBT under Special Programme for North Eastern States of India"

2.2. **Project Coordinator:**

Dr. Purnima Sharma, MD, BCIL & Programme Coordinator,
North Eastern Region – Biotechnology Programmes Management Cell (NER-BPMC)
Biotech Consortium India Ltd (BCIL), New Delhi – 110003

2.3. **Project Objectives:**

- **Institutional Biotech Hubs (IBThubs):** The institutional biotech hubs will be providing basic biotechnology infrastructure facility for the students, faculties, researchers of individual institutions as well as nearby institutions.

2.4. **Project Duration:**

The Duration of the project is **Three Years** from the **date of issue of sanction order**.

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2.5. Budget:

(Rs. In lakhs)

Sl. No.	Heads	Year 1 2011-12	Year II 2012-13	Year III 2013-14	Total
1. Non-recurring					
(i)	Equipment, accessories & site preparation/ renovation	15.00	----	----	15.00
	Sub Total (I)	**15.00**	**-----**	**----**	**15.00**
II. Recurring					
(i)	Manpower – One JRF/SRF	2.50	2.50	2.50	7.50
(ii)	Operational Expenditure (Contingency & Consumables)	0.50	0.50	0.50	1.50
(iii)	Travel	0.50	0.50	0.50	1.50
(iv)	Training/Workshop	0.50	0.50	0.50	1.50
	Sub Total (II)	**4.00**	**4.00**	**4.00**	**12.00**
	Grand Total (I+II)	19.00	4.00	4.00	27.00

Total Budget per institution : Rs. 27.00 lakhs for 3 years
Total budget for 52 hubs : Rs. 27.00 x 52 = Rs. 1404.00 lakhs
First year release per hubs : Rs. 19.00 lakhs
First year release for 52 hubs: Rs. 19.00 Lakhs x 52 = Rs. 988.00 lakhs

2.6. Other terms and conditions:

The other terms and conditions governing the financial sanction are attached at **Annexure – I.** A copy of the MoA is attached as **Annexure – II**, MoA should be signed on Rs. 100/- Stamp Paper and submitted to DBT on the receipt of the Sanction order.

2.7. List of Institutions approved for IBThubs:

Sl. No.	Institutions/Organization(s)	Name of the Coordinator(s)
1	Jawaharlal Nehru college, Pasighat, East Siang Dist, Arunachal Pradesh, Post Office Hill Top - 791103	Mr. R.C. Chaturvedi Associate Professor
2.	Dera Natung Govt. College, Itanagar- 791113, Arunachal Pradesh	Dr. R. K. Mishra Coordinator, HOD
3.	Dr. B. Borooah, Cancer Institute, Guwahati-781016	Dr. Moushumee Bhattacharya, Senior Consultant, Dept. of Radiation Oncology
4.	Rangia College, Rangia, Dist- Kamrup Assam, P.O- Rangia, Pin- 781354	Dr. Singdha Sarkar, Associate Professor

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5.	B. P. Chaliha College, Department of Botany, Nagarbera 781 127, Kamrup, Assam	Dr. Surya Kalita, Associate Professor
6.	Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur	Dr. S. Baruah, Head
7.	D.K.College,Mirza-781125, Dist: Kamrup, Assam	Dr. Durlav Narayan Singh, Asst. Professor
8	Pub Kamrup College, PO- Baihata Chariali, Kamrup, Assam -781 381	Dr. Manash Barthakur, Associate Professor
9.	Bhola Nath College, Dhubri, P.O.- Bidyapara, Dhubri, Dist.- Dhubri (Assam)	Dr. Diganta Narzary, Asst. Professor
10.	Darrang College, Tezpur, Dist. Sonitpur, Pin-784001, Assam	Ms. Manika Das, Asst. Professor, HOD
11.	Bodoland University, Kokrajhar, Rangalikhata, Deborgaon, Kokrajhar – 783370	Dr. Mohan Bhattacharya, Rector
12.	North Lakhimpur College P.O. Khelmati-787031, North Lakhimpur, Dist – Lakhimpur, Assam	Dr. Pradip Kumar Mitra, Associate Professor
13.	NIPER Guwahati,3rd floor, Deptt of Pharmacology, Gauhati Medical College & Hospital, Bhangagarh, Guwahati, Assam-781032	Dr. M.M. Deka, Principal, GMCH & Director, NIPER
14.	D.H.S.K. College, Dibrugarh, Assam -786001	Ms. Sudakshina Das, Head
15.	North Gauhati College, College Nagar.P.O.: Abhaipur, Guwahati-31, Dist.: Kamrup (M), Assam	Mrs. Ellora Baruah Associate Professor & Head
16.	Birjhora Mahavidyalaya, Dist.: Bongaigaon-783380, Assam	Dr. Dinesh Ch. Deka, Associate professor
17.	Gurucharan College, Silchar, College Road, Silchar-788004, Assam	Dr. Bibhas Deb, Associate Professor in Botany & Coordinator
18.	Institute of Advanced Study in Science and Technology (IASST), Paschim Boragaon, Garchuk, Guwahati -35, Assam	Dr. Mojiur Rohman Khan, Assistant Professor and Ramalingaswamin Fellow
19.	Kaliabor College, Kuwaritol, Nagaon-782137, Assam	Mrs Madhumita Saikia, Assistant Professor in Botany
20.	Debraj Roy College, P.O & Dist.-Golaghat,-785621, Assam	Dr. Dilip Hazarika, Associate Professor & HOD
21.	Srikishan Sarda College, College Road, Hailakandi, Assam – 788151	Mr. Pinak Pani Nath Choudhury, Assistant Professor
22.	Chaiduar College. Gohpur, P.O. Gohpur, Dist. Sonitpur, Assam – 784168	Dr. Ajit Hazarika Assistant Professor
23.	Dibru College, P.O.-Boiragimoth, Dibrugarh, PIN-786003, Assam	Mr. Pranab Paul, Dept. of Botany
24.	B.Borooah College, Dr. B. Borooah Road, Ulubari, Guwahati-781007, Assam	Mr. Sunayan Bardoloi, Associate Professor
25.	Guwahati College, P.O. Bamunimaidam, Guwahati – 781021	Dr. Girindra Kalita, Associate Professor & Head

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File No. BT/22/NE/2011
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 19/12/2016

ORDER

In continuation of this department's sanction order of even number dated 30/11/2011, sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the release of the **Fifth year grant** of **₹ 5.30 lakhs (Rupees Five Lakhs and Thirty Thousand only)** to **The Registrar, Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur, Assam** for the **Institutional Biotech Hub (IBTHubs) of DBT under its special programme for North Eastern States of India'**:

(₹ In lakhs)

Heads	5th Year
Recurring	
1. Manpower	1.85
2. Contingency/Consumables	2.50
3.Travel	0.45
4. Training/Workshop	0.50
TOTAL	**5.30**

(Rupees Five Lakhs and Thirty Thousand only)

*Interest of ₹ 0.01 lakhs and (assuming 4% of balance) has been re-app to Travel head.

2. The other terms and conditions governing the financial sanction will remain unaltered.

3. The account of the guarantee institution shall be open to inspection by the sanctioning authority/audit.

4. M/s Biotech Consortium India Ltd., Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi-110 002, who is administrating the North Eastern Region Biotechnology Program Management Cell (NER-BPMC) of the department, is hereby authorized to disburse the amount of **₹ 5.30 lakhs (Rupees Five Lakhs and Thirty Thousand only)** as referred in para 1 above, in favour of **"The Registrar, Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur, Assam-784028"** through an account payee cheque/demand draft/bank transfer.

5. This issues under the powers delegated to the department and with the concurrence of IFD, DBT vide. **Dy No. 102/I.F.D/SAN/2122/2016-2017 Dated 22/08/2016.**

6. This sanction order has been noted at **Serial No.** 337 in the Register of Grants.

7. A copy of the UC-SE for the year 2015-2016 is enclosed.

8. The Competent Authority has allowed a sum of **₹ 31,926 /-** to be carried forward to the current financial year 2016-2017.

(Dr. T. Madhan Mohan)
Adviser

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File No. BT/22/NE/2011

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: / /2017

ADMINISTRATIVE ORDER

In continuation of this department's sanction order of even number dated 30/11/2011, sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the release of the three years grant (6th, 7th & 8th year) of **₹ 1413.90 lakhs (Rupees Fourteen Crores Thirteen Lakhs and Ninety Thousand only)** to the Advance Level Institutional Biotech Hubs (18 nos.) of DBT under its special programme for North Eastern States of India:

Budget for each Advance Level Institutional Biotech Hub:

(₹ in lakhs)

Sl. No.	Heads	6th Year (01.11.16 to 31.10.2017)	7th Year (01.11.17 to 31.10.2018)	8th Year (01.11.18 to 31.10.2019)	Total
	I. Non- Recurring				
	Equipment	10.00	10.00	0.00	**20.00**
	II. Recurring				
(i)	**Manpower –** RA (1)	5.18	5.18	5.18	**15.54**
	JRF/SRF (2)	7.20	7.20	8.06	**22.46**
(ii)	Operational Expenditure (Contingency & Consumables including maintenance of equipments)	4.00	4.00	4.00	**12.00**
(iii)	Travel	0.50	0.50	0.50	**1.50**
(iv)	Training/Workshop	1.00	1.00	1.00	**3.00**
(v)	Overhead charges	1.35	1.35	1.35	**4.05**
	Sub Total (II)	**19.23**	**19.23**	**20.09**	**58.55**
	Grand Total (I+II)	**29.23**	**29.23**	**20.09**	**78.55**

Total budget per Hub for three years (6th, 7th & 8th) : **₹ 78.55 lakhs**
Total budget for 18 Hubs for three years : **₹ 78.55 lakhs x 18 = ₹ 1413.90 lakhs**
Sixth Year release per hub : **₹ 29.23 lakhs**
Sixth Year release for 18 Hubs : **₹ 29.23 lakhs x 18 = ₹ 526.14 lakhs**

2. The other terms and conditions governing the financial sanction will remain unaltered.

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3. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.

4. M/s Biotech Consortium India Ltd., Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi-110 002, who is administrating the North Eastern Region Biotechnology Program Management Cell (NER-BPMC) of the department, is hereby authorized to disburse the amount of **₹ 1413.90 lakhs (Rupees Fourteen Crores Thirteen Lakhs and Ninety Thousand only)**, for a period of three years, as referred in para 1 above, in favour of, fund receiving authorities of the following 18 Institutes as given below, through an account payee cheque/demand draft/bank transfer.

Sl.no.	Name of Institutes	Fund receiving Authorities
1	Jawaharlal Nehru college, Pasighat, East Siang Dist, Arunachal Pradesh,- 791103	The Principal, Jawaharlal Nehru college, Pasighat, East Siang Dist, Arunachal Pradesh, Post Office Hill Top - 791103
2	B.P. Chaliha College, Nagarbera-781127 Kamrup Assam	The Principal, B. P. Chaliha College, Department of Botany, Nagarbera 781 127, Kamrup, Assam
3	Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur	The Registrar, Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur
4	Dakshin Kamrup (D.K.) College, , Dist: Kamrup, Assam-781125	The Principal, D.K. College, Mirza, Dist: Kamrup, Assam-781125
5	Pub Kamrup College, Baihata Chariali-781381	The Principal, Pub Kamrup College, PO-Baihata Chariali, Kamrup, Assam -781381
6	Bhola Nath College, Dhubri-783324, P.O.- Bidyapara, Dhubri, Dist.- Dhubri (Assam)	The Principal, Bhola Nath College, Dhubri, P.O.- Bidyapara, Dhubri, Assam.
7	Darrang College, Tezpur, Dist. Sonitpur, Pin- 784001, Assam	The Principal, Darrang College,Dist. Sonitpur-784001, Tezpur, Assam
8	Bodoland University, Kokrajhar, Rangalikhata, Deborgaon, Kokrajhar – 783370	The Registrar, Bodoland University, Kokrajhar, Rangalikhata, Deborgaon, Kokrajhar – 783370
	Dibrugarh Hanumanbax Surajmall Kanoi (D.H.S.K.) College, KC Gogoi Path, Dibrugarh-786001	The Principal, D.H.S.K. College, Dibrugarh, Assam -786001
	Institute of Advanced Study in Science and Technology (IASST), Garchuk, Guwahati -35, Assam	The Director, Institute of Advanced Study in Science and Technology (IASST), Paschim Boragaon, Garchuk, Guwahati -35, Assam
	Srikishan Sarda College, College Road, Hailakandi, Assam – 788151	The Principal, Srikishan Sarda College, College Road, Hailakandi, Pin–788151, Assam
	Chaiduar College, Gohpur, P.O. Gohpur, Dist. Sonitpur, Assam – 784168	The Principal, Chaiduar College, Gohpur, P.O. Gohpur, Dist. Sonitpur, Assam – 784168

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GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
******

File No. BT/22/NE/2011

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: / /2017

ADMINISTRATIVE ORDER

In continuation of this department's sanction order of even number dated 30/11/2011, sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the release of the three years grant (6th, 7th & 8th year) of **₹ 1413.90 lakhs (Rupees Fourteen Crores Thirteen Lakhs and Ninety Thousand only)** to the Advance Level Institutional Biotech Hubs (18 nos.) of DBT under its special programme for North Eastern States of India:

Budget for each Advance Level Institutional Biotech Hub:

(₹ in lakhs)

Sl. No.	Heads	6th Year (01.11.16 to 31.10.2017)	7th Year (01.11.17 to 31.10.2018)	8th Year (01.11.18 to 31.10.2019)	Total
	I. Non- Recurring				
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2. The other terms and conditions governing the financial sanction will remain unaltered.

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3. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.

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2	B.P. Chaliha College, Nagarbera-781127 Kamrup Assam	The Principal, B. P. Chaliha College, Department of Botany, Nagarbera 781 127, Kamrup, Assam
3	Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur	The Registrar, Tezpur University (Department of Molecular Biology and Biotechnology), Tezpur
4	Dakshin Kamrup (D.K.) College, , Dist: Kamrup, Assam-781125	The Principal, D.K. College, Mirza, Dist: Kamrup, Assam-781125
5	Pub Kamrup College, Baihata Chariali-781381	The Principal, Pub Kamrup College, PO-Baihata Chariali, Kamrup, Assam -781381
6	Bhola Nath College, Dhubri-783324, P.O.- Bidyapara, Dhubri, Dist.- Dhubri (Assam)	The Principal, Bhola Nath College, Dhubri, P.O.- Bidyapara, Dhubri, Assam.
7	Darrang College, Tezpur, Dist. Sonitpur, Pin- 784001, Assam	The Principal, Darrang College,Dist. Sonitpur-784001, Tezpur, Assam
8	Bodoland University, Kokrajhar, Rangalikhata, Deborgaon, Kokrajhar – 783370	The Registrar, Bodoland University, Kokrajhar, Rangalikhata, Deborgaon, Kokrajhar – 783370
	Dibrugarh Hanumanbax Surajmall Kanoi (D.H.S.K.) College, KC Gogoi Path, Dibrugarh-786001	The Principal, D.H.S.K. College, Dibrugarh, Assam -786001
	Institute of Advanced Study in Science and Technology (IASST), Garchuk, Guwahati -35, Assam	The Director, Institute of Advanced Study in Science and Technology (IASST), Paschim Boragaon, Garchuk, Guwahati -35, Assam
	Srikishan Sarda College, College Road, Hailakandi, Assam – 788151	The Principal, Srikishan Sarda College, College Road, Hailakandi, Pin–788151, Assam
	Chaiduar College, Gohpur, P.O. Gohpur, Dist. Sonitpur, Assam – 784168	The Principal, Chaiduar College, Gohpur, P.O. Gohpur, Dist. Sonitpur, Assam – 784168

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	B.Borooah College, Dr. B. Borooah Road, Ulubari, Guwahati-781007, Assam	The Principal, B.Borooah College, Dr. B. Borooah Road, Ulubari, Guwahati-781007, Assam
	Ghanapriya (G.P.) Women's College, Imphal Manipur-795001	The Principal, G.P. Women's College, Imphal, Manipur
	Imphal College, Kwakeithel Lamdong, Airport Road, Imphal, Manipur-795001	The Principal, Imphal College, Airport Road, Imphal-795001, Manipur
	Kamakhya Pemton College, Hiyangthang, Imphal West, Manipur, Pin -795008	The Principal, Kamakhya Pemton College, Hiyangthang, Imphal West, Manipur, Pin - 795008
	Pachhunga University College College Veng, Aizawl, Mizoram - 796001	The Registrar, Pachhunga University College (Department of Zoology) College Veng, Aizawl, Mizoram -796001
	St. Edmund's College, Shillong, Meghalaya – 793003	The Principal, St. Edmund's College, Shillong, Pin– 793003, Meghalaya

5. This issue under the powers delegated to the department and with the concurrence of IFD, DBT vide, Dy No/102/I.F.D/SAN/4290-4291/2016-2017 Dated 23.03.2017.

6. This sanction order has been noted at Serial No..... in the Register of Grants.

(Dr. T. Madhan Mohan)
Adviser

To

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi -110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Principal, Jawaharlal Nehru college, Pasighat, East Siang Dist, Arunachal Pradesh, Post Office Hill Top - 791103.
6. Mr. R.C. Chaturvedi, Coordinator, Institutional Biotech Hub, Jawaharlal Nehru college, Pasighat, East Siang Dist, Arunachal Pradesh, Post Office Hill Top - 791103.
7. The Principal, B. P. Chaliha College, Department of Botany, Nagarbera 781 127, Kamrup, Assam.

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FILE NO. EMR/2016/002178

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 04 Nov 2016

Subject: Financial Sanction of the research project titled "**Development of Chiral Single Molecule Magnets**" under the guidance of Dr. Nayanmoni Gogoi, Chemical Sciences, TEZPUR UNIVERSITY , Napaam, tezpur sonitpur, assam. Sonitpur, Assam-784028 - Release of 1st grant

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2493700/-** (**Rs. Twenty Four Lakh Ninety Three Thousand Seven Hundred Only**) with break-up of **Rs. *539000/-* under Capital (Non-recurring) head** and **Rs.*1954700/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2493700/-** has been approved are given below:

The following budget may be considered for **TEZPUR UNIVERSITY, NAPAAM, TEZPUR SONITPUR, ASSAM**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Analytical Balance -> High Perfomance Computer -> Refrigerator -> Vacuum Pump	539000
A'	*Total (Non-Recurring)*	***539000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1728000
2	Recurring - B : (Overhead Charges)	226700
B'	*Total (Recurring)*	***1954700***
C	**Total cost of the project (A' + B')**	**2493700**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 539000/-** (Rupees Five Lakh Thirty Nine Thousand only) under 'Grants for creation of capital assets' and **Rs. 651500/-** (Rupees Six Lakh Fifty One Thousand Five Hundred only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, NAPAAM, TEZPUR SONITPUR, ASSAM**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to TEZPUR UNIVERSITY, NAPAAM, TEZPUR SONITPUR, ASSAM with the approval of the competent authority under delegated powers on **01 November, 2016** and vide Diary No. **SERB/F/5617/2016-17** dated **04 November, 2016**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1190500/-** (Rupees Eleven Lakh Ninety Thousand Five Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R & d**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA Tezpur Main Branch, Lake Road, Tezpur, Sonitpur, ASSAM 784001**

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IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	biren@tezu.ernet.in
Email id of PI	ngogoi@tezu.ernet.in

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/002178 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB

14. The manpower sanctioned in the project if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

4/11/16

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Nayanmoni Gogoi Chemical Sciences TEZPUR UNIVERSITY , Napaam, tezpur sonitpur, assam, Sonitpur, Assam-784028 Email: ngogoi@tezu.ernet.in Mobile: 918011545888 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	REGISTRAR, TEZPUR UNIVERSITY, NAPAAM, TEZPUR SONITPUR, ASSAM (Receipt of Grant may be intimated by name to the undersigned)

4/11/16

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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Administrative
(Application No: MAP/2015/42)

File No. BT/PR16804/NER/95/294/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 7 / 11 / 2016

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"In vivo hypocholesterolemic effect of bioconjugates of starch nanoparticles with gamma oryzanol and tocotrienols extracted from rice bran"** by Dr. Charu Lata Mahanta, Tezpur University, Napaam, Tezpur and Dr. Sanjay Kumar Banerjee, Translational Health Science and Technology Institute (THSTI), Faridabad, Gurgaon at a total cost of **₹ 79.60 lakhs (Rupees Seventy Nine lakhs Sixty Thousand only)** for a period of three years on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: In vivo hypocholesterolemic effect of bioconjugates of starch nanoparticles with gamma oryzanol and tocotrienols extracted from rice bran

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)
Dr. Charu Lata Mahanta
Professor
Department of Food Engineering and Technology
Tezpur University, Napaam,
Sonitpur- 784028, Tezpur

2.2.2 Co-PI Name: (Parent Institute)
Dr. Mattaparthi Venkata Satish Kumar
Assistant Professor
Department of Molecular Biology and Biotechnology
Tezpur University, Napaam,
Sonitpur- 784028, Tezpur

2.2.3 Principal Investigator: (Collaboration Institute)
Dr. Sanjay Kumar Banerjee
Scientist E
Drug Discovery Research Centre (DDRC)
Translational Health Science and Technology Institute (THSTI), NCR Biotech Science Cluster, 3rd Milestone, Faridabad-121001, Gurgaon Expressway
PO box 04, Faridabad.

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2.2.4 **Co-PI Name:**
(Collaboration Institute)

Dr. Shilpa Jamwal
Scientist C
Drug Discovery Research
Centre (DDRC)
Translational Health Science and Technology Institute (THSTI), NCR Biotech Science Cluster, 3rd Milestone, Faridabad-121001, Gurgaon Expressway, PO box 04, Faridabad.

2.3 Objectives:

1. To extract two hypocholesterol compounds (γ-oryzanol and tocotrienols) from bran of rice varieties of Assam.
2. To synthesize starch nanoparticle from broken rice.
3. To study the interaction of γ-oryzanol and tocotrienols with starch nanoparticle (preparation of bionanoconjugate).
4. To determine anticholesterol effect of γ-oryzanol, tocotrienols and their bionanocaonjugates in vivo.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam, Tezpur

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
		25.15
1.	HPLC	3.76
2.	Ultrasonicator (probe)	
	Total	**28.91**

2.5.2 Translational Health Science and Technology Institute (THSTI), Faridabad, Gurgaon

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Non-invasive small animal tail blood pressure systems	4.94
	Total	**4.94**

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2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course)

JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008.

2.6.1 Tezpur University, Napaam, Tezpur

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	**10.29**
Total			**3.30**	**3.30**	**3.69**	**10.29**

2.6.2 Translational Health Science and Technology Institute (THSTI), Faridabad, Gurgaon

(₹ in lakhs)

S. No.	Position (No.)	Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3rd yr	3.90	3.90	4.36	**12.16**
Total			**3.90**	**3.90**	**4.36**	**12.16**

2.7 Budget Estimate:

The total cost of the project is **₹ 79.60 lakhs (Rupees Seventy Nine lakhs Sixty Thousand only)** as per budget summary given below:

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2.7.1 Tezpur University, Napaam, Tezpur

Heads	1st Year	2nd Year	3rd Year	(₹ in lakhs) Total
I. Non-Recurring (Equipments and accessories)	28.91	0.00	0.00	28.91
Sub Total- I	28,91	0.00	0.00	28.91
II. Recurring				
1.Manpower	3.30	3.30	3.69	10.29
2.Consumables	1.50	2.50	2.00	6.00
3.Travel	0.25	0.30	0.45	1.00
4.Contingency	0.50	0.50	0.50	1.50
5.Overhead charges	0.25	0.30	0.45	1.00
Sub Total- II (1-5)	5.80	6.90	7.09	19.79
GRAND TOTAL (I+II)	34.71	6.90	7.09	48.70

2.7.2 Translational Health Science and Technology Institute (THSTI), Faridabad, Gurgaon

Heads	1st Year	2nd Year	3rd Year	(₹ in lakhs) Total
I. Non-Recurring (Equipments and accessories)	4.94	0.00	0.00	4.94
Sub Total- I	4.94	0.00	0.00	4.94
II. Recurring				
1. Manpower	3.90	3.90	4.36	12.16
2. Consumables	2.50	4.00	4.00	10.50
3.Travel	0.25	0.25	0.25	0.75
4. Contingency	0.35	0.35	0.35	1.05
5.Overhead charges	0.50	0.50	0.50	1.50
Sub Total- II (1-5)	7.50	9.00	9.46	25.96
GRAND TOTAL (I+II)	12.44	9.00	9.46	30.90

(i) Grand total for 3 years (48.70+ 30.90) = ₹ 79.60 lakhs
(ii) Total for 1st year release (34.71+12.44) = ₹ 47.15 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

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2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/2122/2016-2017 Dated 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.....** 239-240 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T. Madhan Mohan)
Advisor, DBT

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Office of the Registrar
Receipt No. 5725 REGISTER
Date 16/1/17

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 02(0281)/16/EMR-II
From : Head, Human Resources Development Group

Dated : 06-12-2016

To

DR ASHIM JYOTI THAKUR
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :APPLICATION AND DEVELOPMENT OF "NOSE" APPROACH WITH SPECIAL REFERENCE TO CARBON-CARBON AND CARBON-HETEROATOM BOND FORMATION REACTIONS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff			1-RA/JRF/SRF
III	Contingency (per annum in ₹)	1st Year : 3,00,000	2nd Year : 3,00,000	3rd Year :3,00,000
IV	Equipment (lumpsum in ₹)			5,00,000 (LS)

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/12/2016 to 31/03/2017.

No	Grants	Amount (in ₹)
I	Staff	1,44,000
II	Contingency	1,00,000
III	Equipment	5,00,000
	Total :	7,44,000

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

for SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Principal/Director~~ Tezpur University, NAPAAM-784028 (Assam). The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

H. Das
Put up this matter.
18.1.2017

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SUMMARY TERMS AND CONDITION

1. The first instalment of the grants will be released through NEFT/RGIS subject to submission of the following documents/information.

a) Acceptance of the grants sanctioned above.

b) An Undertaking in the prescribed form-A of the enclosed booklet executed on non judicial stamp paper of RS. 10/- each pate duly signed.

c) A certificate by you duty countersigned by the Head of the Department/Head of the Institution that no other aid giving agency is funding your above scheme.

d) Date of commencement of the scheme. This should be started within 3 months from the date mentioned in the sanction letter overleaf at Para 3, with or without the appointment of "Staff."

2. "Contingency" amount will be utilized on pro-rata from the date of the commencement of the scheme. "Staff stipend" will be utilized from the date the Research Fellow/Associate Joins duty in accordance with the rules stipulated in the terms-and conditions and he/she will be paid stipend after receipt of approval of appointment from CSIR. JRF with NET/GATE qualification can be appointed directly and CSIR concurrence/ratification is to be obtained subsequently.

3. While claiming grants for the subsequent year/period the position regarding unspent balances of the previous year's grants must be mentioned head-wise in the bill failing which the same may be returned un-passed for compliance. Statement of accounts duly audited by the Account Officer and countersigned by the next higher authority in respect of the grants received and expenditure incurred with unspent balance, if any, during the previous year should also be invariably enclosed with the bill.

4. Utilization of funds and maintenance of account under the heads Staff, Contingency & Equipment and appointment of Research Fellows/Associates should be in accordance with the procedure laid down in the terms and conditions.

5. Your obligations under this sanction include, inter alias, the following:

i. Submission of ***Annual Progress Report (10 Copies)*** *to CSIR* by 1st October, each year including the progress of work as on 31st Aug. (as per Form-El in the booklet). Non receipt of this report in time will lead to the scheme being withdrawn.

ii. Submission of ***Final Technical Reports (5 copies)*** in Form-F of the booklet within 3 months after completion of the work describing the original objectives of the scheme, how far these objectives have been achieved and how the results would benefit technological development or enrich the existing knowledge on the subject

iii. Sending of copies of Research Papers published in Journals and Proceedings of Prestigious national/international conferences under this grant with due acknowledgement of CSIR support for information as and when published. The project numbers should always be mentioned in the acknowledgements.

iv. Submission of the Audited Utilization Certificate and Audited Consolidated Statement of Accounts for the grants paid by the CSIR immediately on termination of the scheme.

6. **ALL INSTRUMENTS/EQUIPMENT PURCHASED OUT OF/PROVIDED BY CSIR EXTRAMURAL RESRARCH FUND SHOULD CARRY THE LABEL "CSIR FUNDED.**

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 02(0282)/16/EMR-II
From : Head, Human Resources Development Group

Dated : 06-12-2016

To
DR(MS) RULI BORAH
DEPT OF CHEMICAL SC
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :SYNTHESIS AND CHARACTERIZATION OF TASK-SPECIFIC IONIC LIQUID SYSTEMS FOR ONE POT SYNTHESIS OF PYRIMIDINE DERIVATIVES

Sir, I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA /JRF/SRF		
III	Contingency (per annum in ₹)	1st Year : 2,00,000	2nd Year : 2,00,000	3rd Year :2,00,000
IV	Equipment (lumpsum in ₹)	2,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/12/2016 to 31/03/2017

No	Grants	Amount (in ₹)
I	Staff	1,44,000
II	Contingency	66,667
III	Equipment	2,00,000
	Total :	**4,10,667**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

for SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Principal/Director~~ Tezpur University, Tezpur-784028 (Assam). The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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Registrar
6/2/17

UGC-DAE Consortium For [illegible]tific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा वि[illegible]निक अनुसंधान संकुल

(An autonomous institution of UG[illegible]Delhi)

(विश्वविद्यालय अनुदान आयोग - नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities : IUC-DAEF)

Mumbai Centre
मुंबई केन्द्र

Ref: UDCSR/MUM/CD/CRS-M-249/2017/ 1041

Dt. 20 January, 2017

To,
Dr. P. Deb
Associate Professor
Department of Physics,
Tezpur University (Central University)
Nappam – 784028, Assam

Dem, AR RD
② F.O.

fa ma P.

Sub: Sanction of Collaborative Research Scheme titled *"Small angle scattering based study on hierar-chical mesoporous assemblies of nanoparticles" (CRS-M-249)*

Dear Dr.Deb,

We are happy to inform you that following the Project Review Meeting held on 18.10.2016 at Mumbai, your above Collaborative Research Scheme (CRS) project has been sanctioned. Presently the project is sanctioned for one year w.e.f 1st January, 2017, but it may be extended after a **review every year,** subject to a total period of three years. The financial sanctions for the year 2017 are as follows:

Sl. No.	Head	Amount sanctioned for current year (01.01.2017 – 31.12.2017)
1.	Scholarship / Fellowship	(*)
2.	Chemicals/Consumables	30,000.00
3.	Contingency	15,000.00
	Total	**45,000.00**
Note:	**No overheads are available under this scheme**	

(*) <u>Only Project Fellow</u> can be appointed and accordingly funds under scholarship will be transferred after appointment of student as per the Guidelines of UGC DAE CSR.

<u>Guidelines regarding implementation of the CRS, Review, Appointment of Project fellow, Travel support to the PI or Student to visit BARC for performing experiments, etc, are enclosed herewith.</u>

Dr. D Sen, Solid State Physics Division, BARC (Email: debasis@barc.gov.in), will be your Principal Collaborator (PC) for the above scheme. You may contact him for implementation of the scheme.

Please send us your acceptance letter by 30.01.2017. On receipt of your acceptance letter, financial grant for CRS will be sent through NEFT/ RTGS (kindly provide details in the enclosed format along with the acceptance letter) to the **Registrar/Financial Authority** of your Institute.

Thanking you,

Yours sincerely

(V. Siruguri)

Encl: As stated

Copy to,
1. Registrar, Tezpur University (Central University), Nappam – 784028, Assam
2. Head, Solid State Physics Division, BARC, Trombay, Mumbai-400 085.
3. Director, UGC-DAE CSR, Univ. Campus, Khandwa Road, Indore-452 017.
4. Dr. D Sen, SSPD, BARC, Trombay, Mumbai-400 085

File
Discussed with Dr. P. Deb. Suggested him to submit proposal for waiving registration fee.

आर-5 शेड, भाभा परमाणु अनुसंधान केन्द्र, ट्रॉम्बे, मुंबई - 400 085
R-5 Shed, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.
Phone : +91 022 25594727, 25505327, 25594931 • Fax : +91 022 25505402
e-mail : udcsr.mum@csr.res.in

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विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल
UGC-DAE Consortium For Scientific Research

मुंबई केन्द्र
Mumbai Centre

(विश्वविद्यालय अनुदान आयोग - नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)
(An autonomous institution of UGC, New Delhi)

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 18/2/20
RECEIPT NO. 3986
SIGNATURE

Office of the Registrar
Receipt No. 1759
Date 18/02/20
Received by 651

Ref: UDCSR/MUM/AO/CRS-M-249/2020/651

Date: 29th January, 2020

To,
Dr.P.Deb
Associate Professor
Department of Physics
Tezpur University (Central University)
Nappam-784028, Assam.

Sub: Extension of Collaborative Research Scheme titled **"Small angle scattering based study on hierarchicalmesoporousassem-blies of nanoparticles."(CRS-M-249)**

Dear Dr.Deb,

We are happy to inform you that your above Collaborative Research Scheme (CRS) has been extended into the 04th Year for the period of 01 year with effect from 01st January, 2020 to 31st December, 2020 with the following financial sanction.

No.	Head	Amount sanctioned for current year (01.01.2020 to 31.12.2020)	Unspent Balance	HRA Recovery	Payable Amount for current year (01.01.2020 to 31.12.2020)
1.	(*) Scholarship/Fellowship (#)	1,68,000.00	0.00	0.00	1,68,000.00
2.	HRA	0.00	0.00	0.00	0.00
3.	Chemicals/ Consumables	0.00	854.00	0.00	(854.00)
4.	Contingency	0.00		0.00	
	Total	**1,68,000.00**	**854.00**	**0.00**	**1,67,146.00**

Note: No Overheads are available under this scheme.

(*) Grants under scholarship will be transferred after appointment of student as per the guidelines of UGC-DAE If the student has already been appointed in your project and is continuing in the project, PI may please provide the intment extension letter for release of Scholarship/Fellowship, at the earliest, by E-mail and Speed Post.

(#) Point no. 2.4 of guidelines is to be invariably mentioned in the appointment letter issued to student.

Guidelines regarding implementation of the CRS, Review, Appointment of Project Fellow, Travel Support to the PI or ent to visit BARC for performing experiments, etc, are enclosed herewith.

Dr.D.Sen, Solid State Physics Division, BARC (Email: debasis@barc.gov.in), will be your Principal Collaborator (PC) for bove scheme. You may contact him for implementation of the scheme.

Please send us your acceptance letter by E-mail and hard copy as early as possible. On receipt of your (i) acceptance letter and (ii) Extension/Appointment Letter of Project Fellow, financial grants for CRS will be transfer through NEFT/RTGS (Kindly provide details in the enclosed format along with the acceptance letter) to the Registrar/Financial Authority of your institute.

Thanking You,

Yours sincerely,

Administrative Officer-I
पवन कुमार/PAWAN KUMAR
प्रशासनिक अधिकारी-I/Administrative Officer-I
यु.जी.सी-डी.ए.ई. सी.एस.आर, मुम्बई केन्द्र/UGC-DAE CSR, Mumbai Centre
२४६-सी दूसरी मंजिल, सी.एफ.बी./246-C, 2nd Floor C.F.B.
बी.ए.आर.सी. ट्रम्बे/B.A.R.C. Trombay,
मुंबई-४०००८५/Mumbai-400 085

Copy to:
1. Registrar, Tezpur University (Central University), Nappam-784028r, Assam

२४६-सी, दूसरी मंज़िल, सामान्य सुविधा भवन, भाभा परमाणु अनुसंधान केन्द्र, ट्रॉम्बे, मुंबई-४०००८५
246-C, 2nd Floor, Common Facility Building, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085
Phone : +91 22 25505327, 25594727 • Fax : +91 22 25506402
E-mail : udcsr.mum@csr.res.in

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FILE NO. EMR/2016/001598

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 04-Jan-2017

ORDER

Subject: Financial Sanction of the research project titled "**Investigation on structure-property relationship for self-healing smart hyperbranched polyurethane nanocomposite with antistatic and antimicrobial attributes**" under the guidance of Prof. Niranjan Karak, Department of Chemical Sciences (Center for Polymer Science and Technology), Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Prof. Ashok Kumar, Professor, Physics, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2993518/- (Rs. Twenty Nine Lakh Ninety Three Thousand Five Hundred and Eighteen Only)** with break-up of **Rs. *991780*/- under Capital (Non-recurring) head** and **Rs.*2001738*/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2993518/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Continuous-flow stirred-tank reactor (CSTR) with UV lamp and Flexible arm fume hood	991780
A'	*Total (Non-Recurring)*	***991780***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1729600
2	Recurring - B : (Overhead Charges)	272138
B'	*Total (Recurring)*	***2001738***
C	**Total cost of the project (A' + B')**	**2993518**

2. Sanction of the **SERB** is also accorded to the payment of
   - **Rs. 991780/-** (Rupees Nine Lakh Ninety One Thousand Seven Hundred and Eighty only) under 'Grants for creation of capital assets' and **Rs. 667245/-** (Rupees Six Lakh Sixty Seven Thousand Two Hundred and Forty Five only) under 'Grants-in-aid General' to **Vice-chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)**

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **02 January, 2017** and vide Diary No. **SERB/F/7175/2016-17** dated **03 January, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1659025/-** (Rupees Sixteen Lakh Fifty Nine Thousand and Twenty Five only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	**30448821505**

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Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam, 784001. 91-3712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	karakniranjan@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/001598 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

Arvind Chaudhary 4-1-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Prof. Niranjan Karak** **Department of Chemical Sciences (Center for Polymer Science and Technology)** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: karakniranjan@gmail.com** **Mobile: 919401837065** **Prof. Ashok Kumar** **Physics** **Tezpur University** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Vice-chancellor,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

Arvind Chaudhary 4-1-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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Administrative
(Application No: BMB/2015/42)

File No. BT/PR16658/NER/95/242/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 6 / 1 /2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Design and synthesis of donor–acceptor fragmented chemical libraries for development of new class antibiotic against MRSA"** by Dr. Sanjay Pratihar, Tezpur University, Napaam, Assam and Dr. Santi M. Mandal, Vidyasagar University, Midnapore , West Bengal at a total cost of **₹ 81.25 Lakhs (Rupees Eighty One Lakhs and Twenty Five Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Design and synthesis of donor–acceptor fragmented chemical libraries for development of new class antibiotic against MRSA.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)
Dr. Sanjay Pratihar
Assistant Professor
Dept. of Chemical Science,
Tezpur University,
Napaam-784028, Assam

2.2.2 Principal Investigator: (Collaboration Institute)
Dr. Santi Mandal
Assistant Professor
Dept. of Microbiology,
Vidyasagar University,
Midnapore-721102, West Bengal

2.3 Objectives:

Tezpur University, Napaam, Assam

1. Design of various type core molecule based on donor-acceptor property
2. Validate the design with the help of DFT study
3. Development of suitable Methodology for the synthesis of various molecules against MRSA.
4. To check the broad substrate scope of the adopted or new methodology
5. Purification of the synthesized molecule using column chromatography or crystallization
6. Isolation and characterization of the synthesized molecule by using different spectroscopic and analytical techniques

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Vidyasagar University, Midnapore , West Bengal

1. Screening of the synthesized compounds step by step.
2. Optimize the designing to achieve maximum activity with less toxicity
3. Final screening of the lead compounds
4. Toxicity analysis in normal non-carcinoma cell line
5. Understanding the mechanism of action
6. Genomics to proteomics analysis
7. Biofilm formation and inhibition analysis
8. Screening for efflux pump inhibition.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam Assam

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	UV-visible spectrometer	7.50
2.	Rotary Evaporator	6.00
3.	Cyclic Voltametry	9.50
4.	Deep Freeze (-20°C)	0.45
	Total	**23.45**

2.5.2 Vidyasagar University, Midnapore, West Bengal

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Digital Shaker cum Incubator	1.90
2.	Gel doc	4.10
3.	Fluorescent Microscope	5.40
4.	Deep Freeze (-40°C)	2.00
	Total	**13.40**

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

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2.6.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

2.6.2 Vidyasagar University, Midnapore, West Bengal

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

2.7 Budget Estimate:

The total cost of the project is **₹ 81.25 Lakhs (Rupees Eighty One Lakhs and Twenty Five Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	23.45	0.00	0.00	**23.45**
Sub Total- I	**23.45**	**0.00**	**0.00**	**23.45**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	3.00	5.00	1.00	**9.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	1.00	1.00	1.00	**3.00**
Sub Total- II (1-5)	**8.30**	**10.30**	**6.70**	**25.30**
GRAND TOTAL (I+II)	**31.75**	**10.30**	**6.70**	**48.75**

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2.7.2 Vidyasagar University, Midnapore, West Bengal

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	13.40	0.00	0.00	**13.40**
Sub Total- I	**13.40**	**0.00**	**0.00**	**13.40**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	3.00	4.00	0.00	**7.00**
3.Travel	0.20	0.25	0.25	**0.70**
4. Contingency	0.20	0.25	0.20	**0.65**
5.Overhead charges	0.10	0.20	0.15	**0.45**
Sub Total- II (1-5)	**6.80**	**8.00**	**4.30**	**19.10**
GRAND TOTAL (I+II)	**20.20**	**8.00**	**4.30**	**32.50**

(i) Grand total for 3 years (₹ 48.75 + ₹ 32.50) = ₹ 81.25 lakhs
(ii) Total for 1st year release (₹ 31.75 + ₹ 20.20) = ₹ 51.95 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

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2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No**.302-323..... in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam-784028, Assam
6. The Registrar, Vidyasagar University, Midnapore-721102, West Bengal
7. Dr. Sanjay Pratihar, Assistant Professor Dept. of Chemical Science, Tezpur University, Napaam-784028, Assam.
8. Dr. Santi M. Mandal, Assistant Professor, Dept. of Microbiology, Vidyasagar University, Midnapore-721102, West Bengal.
9. Concern file.
10. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T Madhan Mohan)
Adviser, DBT

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Annexure I

University of Nottingham

School of Biosciences
Sutton Bonington Campus
Loughborough
LE12 5RD

Tel: +44 (0) 115 951 6262
Fax: +44 (0) 115 951 6261

Email: helen.west@nottingham.ac.uk

24th March 2018

Professor D. C. Baruah,
Department of Energy,
Tezpur University,
Napaam,
Assam 784 028,
India

Dear Professor Baruah,

Re. BBSRC (UoN) Project: Enhancing Food Security in Rural India

I am happy to confirm that permission is granted for a no cost extension to the project for an additional 12 months. I look forward to our continuing collaboration.

Yours sincerely,

Helen M. West

Dr. Helen M. West
Associate Professor

s/c

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Title: Enhancing Food Security in Rural India (BBSRC funded collaborative projec

② Budget breakup

PI: Dr. Helen M. West,
Associate Professor in Environmental Biology,
The Gateway Building, Division of Agricultural & Environmental S
School of Biosciences, University of Nottingham, Sutton Boningto
Campus,
Loughborough, Leicestershire, LE12 5RD
Tel. +44 (0) 115 9516268
Fax. +44 (0) 115 9516261

TU collaborator: Prof D C Baruah, Professor, Department of Energy, Tezpur University India

Summary
This project will engage with smallholders in Assam, India, to encourage sustainable use of organic inputs in order to improve crop nutrient use efficiency and yields. As part of a different project we built a community-scale anaerobic digester to satisfy the energy needs of the villagers. The resulting digested slurry is a vital fertiliser, but without knowledge of the nutrient content, the fertility of the soils and the nutrient requirements of the crops, inappropriate use could result in scorched plants or contaminated water. We aim to work with the community members to develop best agronomic practices so the slurry can be used effectively. This will improve crop yields, thereby benefiting the health and economic welfare of the community. The nitrogen-deficient alluvial soils of the area are typical across India and other parts of the world, as is anaerobic digestion; this project is therefore pertinent to areas outside this model community.

What is the underpinning research?
We aim to enhance crop production efficiency in a rural community in northeast India by initiating a programme of agronomic best practice to improve crop nutrient-use-efficiency. The BBSRC grants underpinning this project are: BB/02914X/1, *Implication of enhanced ecological intensification and resilience for smallholder farming in the eastern Amazonia region, Newton Fund* and BB/N013204/1 *NUCLEUS: a virtual joint centre to deliver enhanced Nitrogen Use effiCiency via an integrated Soil- plant systEms approach for the Uk & BraSil*. We will optimise sustainable use of organic residues derived from a community-scale anaerobic digester (AD) that we are installing in the off-grid village of Jawai in collaboration with Professor Debendra Chandra Baruah and his team (Tezpur University) (EP/J00361/1 Rural Hybrid Energy Enterprise Systems (RHEES)). The focus of the AD unit is to meet the energy needs of the community. However, a by-product of AD is nutrient-rich slurry. Judicious use of the slurry could result in polluted waters and lost nutrients. It is important that we support the needs of the farmers in managing the slurry and the nutrient requirements of their crops in order that they maximise potential agronomic benefits. The alluvial soils are nitrogen deficient, meaning crops do not reach optimum yields, thus the food security needs of the community are limited. Since alluvial soils are common in Northern India and other delta regions, and use of AD is common, lessons learned here with regard to organic matter inputs and nutrient use efficiency are relevant to large swathes of the world.

How does the project meet ODA requirements?
We are directly addressing poverty alleviation and rural development by enhancing crop production efficiency in a region of northeast India. In so doing, we aim to improve the quality and quantity of farmed food, enable villagers to market the excess produce and assist female members of the community to develop innovative outlets which will help generate steady livelihoods for families.

There is a clear development need addressed by the project, namely, sustainable economic development of a rural community in India. The lessons learned here with regard to improving agronomic practices (e.g. organic matter inputs and nitrogen use efficiency) and consequent economic and social enhancements will directly improve the wealth (financial, dietary and social) of the community members, but are also relevant to large areas of India and also globally. India is listed within the DAC List of ODA Recipients and we already have

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No... 321 ... ...
Receipt 03.03.2017 ...
... ...
Received by ... ...

(9)

TEZPUR UNIVERSITY
Inter office Memo

From:	To:
Prof. D.C. Baruah, PI Department of Energy	Dean, R & D Tezpur University
Ref: TU/DOE/DCB/BBSRC/2017 dated 24.2.2017	Your Ref: DoRD/PR/10-47/211 dated 1.3.2017

With reference to your Inter Office Memo stated above, regarding the information/document required for registration of BBSRC funded project, the following information/documents are provided.

Project title: Enhancing food Security in rural India
Funding Organization: BBSRC (provided by University of Nottingham, UK)
Duration of project: 1 year (12.1.2017-12.1.2018)
Total amount sanctioned: 300127 INR
Date of Receipt of fund: 12.1.2017

List of enclosure:
Email from project collaborator of Nottingham, University, UK
Approval from Vice chancellor
Approval letter from funding agency
Budget break up

(D C Baruah), Professor

H. Das
For HoD
Physics
06/3/2017

Scanned by TapScanner

Serial No. 507
Date of Receipt 28.04.2017
File No.
Received by

17

Date: 28.4.2017

To
Dean, R & D
Assam University

sub: Permission to take research visit under BBSRC funded project

Sir,

I have to visit Guwahati on 1.5.2017 for some research work related to the BBSRC funded project titled "Enhancing food security in rural India". This is put up for your necessary approval. The tour programme is also enclosed. I may be allowed to draw the expenditure from the project fund.

Thank you.

(D C Baruah)

Department of Energy

Forwarded

28/04/2017
HOD, Energy

For DR
28/4/2017

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Administrative
(Application No: MAP/2015/17)

File No. BT/PR16149/NER/95/85/2015

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 19/ 1 /2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Studies on antimicrobial and anti-biofilm activities of medicinal plant extracts obtained from North Eastern India against pathogenic bacteria isolated from pigs, cattle and poultry of NER India; and cattle, poultry and ducks of West Bengal"** by Prof. Tapan Kumar Dutta, College of Veterinary Sciences & Animal Husbandry, CAU, Mizoram; Dr. Manabendra Mandal, Tezpur University, Tezpur, Assam; Dr. Siddhartha Narayan Joardar, West Bengal University of Animal & Fishery Sciences, Kolkata and Dr. Asifa Qureshi, National Environmental Engineering Research Institute, Nagpur at a total cost of **₹ 150.00 Lakhs (Rupees One Crore Fifty Lakhs Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: **Studies on antimicrobial and anti-biofilm activities of medicinal plant extracts obtained from North Eastern India against pathogenic bacteria isolated from pigs, cattle and poultry of NER India; and cattle, poultry and ducks of West Bengal**

2.2 Project Investigators

2.2.1 Principal Investigator (I): (Parent Institute)

Prof. (Dr.) Tapan Kumar Dutta,
Professor & Head
Department of Veterinary Microbiology,
College of Veterinary Sciences & Animal Husbandry, Central Agricultural University,
Aizawl, Mizoram-796014.

2.2.2 Co-Investigator: (Parent Institute)

Dr. Arup Kumar Samanta,
Associate Professor & Head
Department of Animal Nutrition,
College of Veterinary Sciences & Animal Husbandry, Central Agricultural University,
Aizawl, Mizoram-796014.

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2.2.3 Co-Investigator: (Parent Institute)	Dr. Gunjan Das, Associate Professor Department of Veterinary Medicine, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Aizawl, Mizoram-796014.
2.2.4 Co-Investigator: (Parent Institute)	Dr. Parimal Roychoudhury, Associate Professor Department of Veterinary Microbiology, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Aizawl, Mizoram-796014.
2.2.5 Co-Investigator: (Parent Institute)	Dr. Tridib Kumar Rajkhowa, Associate Professor & Head Department of Veterinary Pathology, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Aizawl, Mizoram-796014.
2.2.6 Principal Investigator (II): (Parent Institute)	**Dr. Manabendra Mandal,** Associate Professor Department of Molecular Biology and Biotechnology Tezpur University, Napaam, Tezpur-784028, Assam
2.2.7 Principal Investigator (I): (Collaborating Institute)	**Dr. Siddhartha Narayan Joardar,** Assistant Professor Department of Veterinary Microbiology, West Bengal University of Animal & Fishery Sciences, 37, K. B. Sarani, Kolkata-700037, West Bengal.
2.2.8 Co-Investigator: (Collaborating Institute)	Dr. Indranil Samanta, Assistant Professor Department of Veterinary Microbiology, West Bengal University of Animal & Fishery Sciences, 37, K. B. Sarani, Kolkata-700037, West Bengal.
2.2.9 Co-Investigator: (Collaborating Institute)	Dr. Samir Dey, Assistant Professor Department of Veterinary Microbiology, West Bengal University of Animal & Fishery Sciences, 37, K. B. Sarani, Kolkata-700037, West Bengal.

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2.2.10 Co-Investigator:
(Collaborating Institute)

Dr. Tapas Kumar Sar,
Assistant Professor (SS)
Department of Veterinary Pharmacology & Toxicology,
West Bengal University of Animal & Fishery Sciences, 37, K. B. Sarani, Kolkata-700037,
West Bengal.

2.2.11 Principal Investigator (II): **Dr. Asifa Qureshi,**
(Collaborating Institute)
Scientist
Environmental Genomics Division
National Environmental Engineering Research Institute
Nehru Marg, Nagpur - 440020.

2.2.12 Co-Investigator:
(Collaborating Institute)

Dr. Hemant J Purohit,
Scientist and Head
Environmental Genomics Division
National Environmental Engineering Research Institute
Nehru Marg, Nagpur - 440020.

2.3 Objectives:

1. To study the prevalence of biofilm producing bacteria (*Staphylococcus*, *Escherichia coli*, *Salmonella* and *Pseudomonas*) in pigs, cattle and poultry in NER and in cattle, poultry and ducks in West Bengal (CAU and WBUAFS).
2. To detect the linkage between presence of biofilm-associated genes and *in vitro* biofilm production capacity of the isolates (CAU and WBUAFS).
3. To detect the correlation between biofilm-associated genes, virulence genes, antimicrobial resistance genes of the isolates (CAU and WBUAFS).
4. To detect antigenic characteristics and to identify immune dominant proteins of biofilm producing bacterial isolates (WBUAFS).
5. To screen the traditionally used medicinal plants from North East India for microbial biofilm inhibition and quorum sensing inhibition (model organism: *Pseudomonas aeruginosa*) (Tezpur University).
6. To purify and characterize bioactive molecules from active plant sources (Tezpur University).
7. To study the mechanism of action of bioactive molecule on quorum sensing inhibition and/or anti-biofilm property (NEERI, Tezpur University).
8. To study the gene expression analysis of targeted biofilm forming genes (*pel, alg, bdlA*) and transcriptional profile in model biofilm bacterial culture in presence of bioactive molecules (NEERI).

2.4 Time Schedule:
The duration of the project is **Three Years** from the date of issue of sanction order.

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2.5 Equipment Details:

2.5.1 College of Veterinary Sciences & Animal Husbandry, CAU, Mizoram

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Deep freezer,-30˚C/ -20˚C with stabilizer	1.60
2.	Orbital shaker	1.50
3.	Horizontal electrophoresis apparatus with power supply	1.50
4.	CO2 incubator with accessories	6.00
5.	BOD incubator with accessories	2.50
6.	Vertical Laminar Air Flow with accessories	3.50
7.	Online UPS, 3.0 KVA	0.80
Total		**17.40**

2.5.2 Tezpur University, Tezpur, Assam

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	HPLC	19.93
Total		**19.93**

2.5.3 West Bengal University of Animal & Fishery Sciences, Kolkata

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Gel documentation system with accessories	6.00
2.	Online-UPS	0.80
3.	Renovation of laboratory (including AC facility)	4.00
Total		**10.80**

2.5.4. National Environmental Engineering Research Institute, Nagpur

Sl. No.	Description of equipment	Grant Recommended (₹ in lakhs)
1.	Lyophilizer/Freeze dryer	10.00
Total		**10.00**

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification

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shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

2.6.1 College of Veterinary Sciences & Animal Husbandry, CAU, Mizoram

(₹ in lakhs)

S No	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	10.29
	Total		**3.30**	**3.30**	**3.69**	**10.29**

2.6.2 Tezpur University, Tezpur, Assam

(₹ in lakhs)

S No	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.69	**10.29**
2	Research Associate -I (1)	@ 36000/- + 10 % HRA	4.75	4.75	4.75	**14.25**
	Total		**8.05**	**8.05**	**8.44**	**24.54**

2.6.3 West Bengal University of Animal & Fishery Sciences, Kolkata

(₹ in lakhs)

S No	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3rd yr	3.90	3.90	4.36	12.16
	Total		**3.90**	**3.90**	**4.36**	**12.16**

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2.6.4. National Environmental Engineering Research Institute, Nagpur

(₹ in lakhs)

S No	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 20 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 20 % HRA for 3rd yr	3.60	3.60	4.03	**11.23**
	Total		**3.60**	**3.60**	**4.03**	**11.23**

2.7 Budget Estimate:

The total cost of the project is **₹ 150.00 Lakhs (Rupees One Crore Fifty Lakhs Only)** as per budget summary given below:

2.7.1 College of Veterinary Sciences & Animal Husbandry, CAU, Mizoram

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	17.40	0.00	0.00	**17.40**
Sub Total- I	**17.40**	**0.00**	**0.00**	**17.40**
II. Recurring				
1. Manpower	3.30	3.30	3.69	**10.29**
2. Consumables	4.00	3.00	1.00	**8.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.25	0.25	0.25	**0.75**
Sub Total- II (1-5)	**8.55**	**7.55**	**5.94**	**22.04**
GRAND TOTAL (I+II)	**25.95**	**7.55**	**5.94**	**39.44**

2.7.2 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	19.93	0.00	0.00	**19.93**
Sub Total- I	**19.93**	**0.00**	**0.00**	**19.93**
II. Recurring				
1. Manpower	8.05	8.05	8.44	**24.54**
2. Consumables	2.00	2.00	1.00	**5.00**
3.Travel	0.50	0.50	0.25	**1.25**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.30	0.25	0.20	**0.75**
Sub Total- II (1-5)	**11.35**	**11.30**	**10.39**	**33.04**
GRAND TOTAL (I+II)	**31.28**	**11.30**	**10.39**	**52.97**

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2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.....** 520-523 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Comptroller, Central Agricultural University, Iroisemba, Imphal-795004, Manipur.

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App. No.: MAP/2015/17

BT/PR16149/NER/95/85/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology
(NER-BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated 22/01/2020

EXTENSION ORDER

In Continuation to the department's sanction order of even number Dated 19/01/2017, Sanction of the President is hereby accorded to the extension of the project entitled **"Studies on antimicrobial and anti-biofilm activities of medicinal plant extracts obtained from North Eastern India against pathogenic bacteria isolated from pigs, cattle and poultry of NER India; and cattle, poultry and ducks of West Bengal"** by Prof. Tapan Kumar Dutta, College of Veterinary Sciences & Animal Husbandry, CAU, Mizoram, Dr. Manabendra Mandal, Tezpur University, Tezpur, Assam, Dr. Siddhartha Narayan Joardar, West Bengal University of Animal & Fishery Sciences, Kolkata and Dr. Asifa Qureshi, National Environmental Engineering Research Institute, Nagpur for the period of six months within already sanctioned budget i.e upto 18th July, 2020. At the end of this period, please submit the following documents;

i. Utilization Certificate (UC) for all three years (financial year wise from beginning of the project)
ii. Consolidated Statement of Expenditure (SoE) in prescribed DBT format
iii. Details of salary disbursed to the manpower during the financial years and details of manpower engaged vis-à-vis sanctioned, counter signed by competent authority
iv. Details of assets (list of equipment purchased) as per approved sanction indicating the item cost approved and the actual procurement cost. This needs to be submitted in the DBT format duly signed and attested by Head of the Institute, PI and Finance Officer.
v. One copy of the final completion report
vi. Documents regarding patents/ technology transfers, if any
vii. Interest earned certificate, if any.
viii. A certificate/photocopy of the stock registers of the Institute showing that all the equipments (procured for this project) have been taken in the stock register.
ix. If there is a balance in the project, kindly send a DD in favour of DDO, DBT, New Delhi at the earliest for final settlement of accounts.

2. The other terms and conditions of the project are as given in this Department Order No **BT/PR16149/NER/95/85/2015 dated 19.01.2017.**

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

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(App[illegible]s: BMB/2015/18)

Administrative

File No. BT/PR16182/NER/95/92/2015

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)

****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 20 / 1 /2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Studies on structure & dynamics of antisense molecules: Capability Building for advanced research"** by Dr. Ramesh Ch. Deka, Tezpur University, Napaam, Assam and Dr. Uddhavesh Bhaskar Sonavane, Centre for Development of Advanced Computing, Pune University Campus, Pune at a total cost of **₹ 85.12 Lakhs (Rupees Eighty Five Lakhs and Twelve Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Studies on structure & dynamics of antisense molecules: Capability Building for advanced research

2.2 Project Investigators

- 2.2.1 Principal Investigator: (Parent Institute)	**Dr. Ramesh Ch. Deka** Professor Dept. of Chemical Science Tezpur University, Napaam, Tezpur -784028 Assam
2.2.2. Co-PI Name: (Parent Institute)	Dr. Suvendra Kumar Ray Associate Professor Dept. of Molecular Biology & Biotechnology Tezpur University, Napaam, Tezpur -784028 Assam
2.2.3 Principal Investigator: (Collaborating Institute)	**Dr. Uddhavesh Bhaskar Sonavane** Member Technical Staff Dept. of Bioinformatics Team Centre for Development of Advanced Computing, Pune University Campus, Ganeshkhind, Pune -411007

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2.3 Objectives:

1. The development of AMBER simulation parameters for the antisense molecules.
2. To find or calculate the quantum chemical descriptors for the antisense molecules at monomer level which may be useful for pharma industries.
3. To understand the mechanism of various antisense modifications through some case studies.
4. Try to proposing novel better antisense modification.
5. Assessing the efficacy of the antisense molecules against various cell lines.

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.4 Equipment Details:

2.5.1 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended
1.	Computer Hardware	16.55
2.	Software	23.35
	Total	**39.90**

2.5.2 Centre for Development of Advanced Computing, Pune

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended
1	Computer Hardware & Software	5.00
Total		5.00

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

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2.6.1. Tezpur University, Tezpur, Assam

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	10.30
		Total	**3.30**	**3.30**	**3.70**	**10.30**

2.6.2 Centre for Development of Advanced Computing, Pune

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3rd yr	3.90	3.90	4.37	12.17
		Total	**3.90**	**3.90**	**4.37**	**12.17**

2.7 Budget Estimate:

The total cost of the project is **₹ 85.12 Lakhs (Rupees Eighty Five Lakhs and Twelve Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Tezpur, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	39.90	0.00	0.00	39.90
Sub Total- I	**39.90**	**0.00**	**0.00**	**39.90**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	1.00	2.00	2.00	**5.00**
3.Travel	0.50	1.00	0.75	**2.25**
4. Contingency	0.75	0.75	0.75	**2.25**
5.Overhead charges	0.75	0.75	0.75	**2.25**
Sub Total- II (1-5)	**6.30**	**7.80**	**7.95**	**22.05**
GRAND TOTAL (I+II)	**46.20**	**7.80**	**7.95**	**61.95**

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2.7.2 Centre for Development of Advanced Computing, Pune

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	5.00	0.00	0.00	5.00
Sub Total- I	**5.00**	**0.00**	**0.00**	**5.00**
II. Recurring				
1. Manpower	3.90	3.90	4.37	12.17
2. Consumables	0.50	0.50	0.50	1.50
3.Travel	0.50	0.50	0.50	1.50
4. Contingency	0.50	0.50	0.50	1.50
5.Overhead charges	0.50	0.50	0.50	1.50
Sub Total- II (1-5)	**5.90**	**5.90**	**6.37**	**18.17**
GRAND TOTAL (I+II)	**10.90**	**5.90**	**6.37**	**23.17**

(i) Grand total for 3 years (₹ 61.95 + ₹ 23.17) = ₹ 85.12 lakhs
(ii) Total for 1st year release (₹ 46.20 + ₹ 10.90) = ₹ 57.10 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

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2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.....** 538-537 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam, Tezpur- 784028, Assam.
6. The Vice-Chancellor, Tezpur University, Napaam, Tezpur- 784028, Assam.
7. The Executive Director, Centre for Development of Advanced Computing, Pune University Campus, Ganeshkhind, Pune -411007
8. Dr. Ramesh Ch. Deka, Professor, Dept. of Chemical Science, Napaam, Tezpur- 784028, Assam

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GRAM : SCIENTIFIC

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t: Sanction of Budget allotment for the ICMR Ad-hoc Project entitled, "Smartphone based optical microscope for clinical applications" under Dr.Pabitra Nath, Tezpur University.

dam

The Director General of the Council sanctions the above mentioned project initially for a of one year i.e. from **1st March 2017 to 28th Feb 2018** subject to extension up-to total duration ed in para (3) below.

The Director General of the ICMR also sanctions the budget allotment of **Rs.19,79,750/-** es **nineteen lakh seventy nine thousand seven hundred fifty only)** as detailed int eh attached ent for the period ending **1st March 2017 to 28th Feb 2018.**

First Installment of grant-in-aid of Rs.16,94,875/-for the First Year will be released out of the ear budget of Rs. **19,79,750**/-The payment of the grant will be made in two installment in the of Head of the Institute through RTGS **BANK ACCOUNT NUMBER: 30448821505,** R **code of bank 784002002 (A copy of Mandate Form & cancelled cheque are enclosed).**

The first installment of the grant will be paid generally as soon as report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in advance.

The staff appointed on the project should be paid as indicated in the attached budget statement.

The approved duration of the research scheme is **Three years .** The annual extension will be given after review of the work done on the research scheme during the previous year.

Five copies of the annual progress report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.

Dr. P Nath.
Congratulations!!.
Please submit a copy of proposal along with this letter for registration at Dean, R&D office.
Anuja
23/2/2017

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Administrative
(Application No: ENV/2015/02)

File No. BT/PR16008/NER/95/47/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 13/2/2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Biorefinery approach for generation of platform chemicals and bioethanol from indigenous lignocellulosic agrowaste bioresources"** by Dr. Eeshan Kalita, Tezpur, Napaam, Assam and Dr. Sachin Kumar, Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar, Punjab at a total cost of **₹ 69.60 Lakhs (Rupees Sixty Nine Lakhs and Sixty Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Biorefinery approach for generation of platform chemicals and bioethanol from indigenous lignocellulosic agrowaste bioresources.

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)
Dr. Eeshan Kalita
Assistant Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University,
Napaam-784028, Assam

2.2.2 Principal Investigator: (Collaboration Institute)
Dr. Sachin Kumar
Scientist C & Deputy Director
Dept. of Biochemical Conversion Division
Sardar Swaran Singh National Institute of Bio-Energy, 12th km stone, Jhalandhart-Kapurthala Road, Wadala Kalan, Kapurthala-144601, Jhalandhar, Punjab.

2.2.3 Co-Investigators I: (Parent Institute)
Prof. Dhanapati Deka
Professor,
Dept. of Energy,
Tezpur University,
Napaam-784028, Assam

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2.3 Objectives:

Tezpur University, Napaam, Assam

1. Pre-treatments followed by isolation of Cellulose and Hemicelluloses banana and grasses like Saccharum spontaneum.
2. Synthesis and characterization of diverse catalysts for the efficient bioconversion of extracted Cellulose/Hemicellulose to biofuel platform chemicals.
3. Optimization of the catalytic conversion of extracted Cellulose/Hemicellulose to biofuel platform chemicals- HMF and FAL.
4. Assessment of fuel characteristics of isolated platform chemicals.

Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar

1. Pre-treatment of lignocelluloses (grasses) for bioethanol production (with TU).
2. Selection and optimization of process parameters for bioethanol production in SSF.
3. Evaluation of fuel characteristics bioethanol and platform chemicals generated (HMF and FAL).

2.4 Time Schedule:

The duration of the project is **Three Years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Refrigerated Centrifuge	5.00
2.	High Pressure Stirred Lab Autoclave cum induction reactor with catalyst/gas charging facility	4.57
	Total	**9.57**

2.5.2 Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar

NIL

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

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- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

2.6.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

Sl. No.	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr ; SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	10.30
	Total		**3.30**	**3.30**	**3.70**	**10.30**

2.6.2 Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar

(₹ in lakhs)

Sl. No.	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 20 % HRA for the 1st & 2nd yr & SRF @ ₹ 28,000/- + 20 % HRA for 3rd yr	3.60	3.60	4.03	**11.23**
	Total		**3.60**	**3.60**	**4.03**	**11.23**

2.7 Budget Estimate:

The total cost of the project is **₹ 69.60 Lakhs (Rupees Sixty Nine Lakhs and Sixty Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	9.57	0.00	0.00	**9.57**
Sub Total- I	**9.57**	**0.00**	**0.00**	**9.57**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	5.00	5.00	5.00	**15.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	1.00	1.50	1.50	**4.00**
Sub Total- II (1-5)	**10.30**	**10.80**	**11.20**	**32.30**
GRAND TOTAL (I+II)	**19.87**	**10.80**	**11.20**	**41.87**

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2.7.2 Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	0.00	0.00	0.00	**0.00**
Sub Total- I	**0.00**	**0.00**	**0.00**	**0.00**
II. Recurring				
1. Manpower	3.60	3.60	4.03	**11.23**
2. Consumables	4.00	4.00	4.00	**12.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	0.50	0.50	0.50	**1.50**
Sub Total- II (1-5)	**9.10**	**9.10**	**9.53**	**27.73**
GRAND TOTAL (I+II)	**9.10**	**9.10**	**9.53**	**27.73**

(i) Grand total for 3 years (₹ 41.87 + ₹ 27.73) = ₹ 69.60 lakhs
(ii) Total for 1st year release (₹ 19.87 + ₹ 9.10) = ₹ 28.97 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

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2.8 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.10 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.11 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.12 This issues under the powers delegated to this Department and with the concurrence of IFD. DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.12.1 This sanction order has been noted at **Serial No.**598-599 in the Register of Grants.

2.12.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam-784028, Assam
6. The Vice-Chancellor, Tezpur University, Napaam-784028, Assam
7. Dr. Beshan Kalita, Assistant Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Napaam-784028, Assam
8. The Director, Sardar Swaran Singh National Institute of Bio-Enerygy, 12th km stone, Jhalandhari-Kapurthala Road, Wadala Kalan, Kapurthala-144601, Jhalandhar, Punjab.
9. Dr. Sachin Kumar, Scientist C & Deputy Director, Dept. of Biochemical Conversion Division, Sardar Swaran Singh National Institute of Bio-Energy, 12th km stone, Jhalandhari-Kapurthala Road, Wadala Kalan, Kapurthala-144601, Jhalandhar, Punjab.
10. Concern file.
11. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T Madhan Mohan)
Adviser, DBT

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FILE NO. ECR/2016/001263

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated. 04-Feb-2017

ORDER

Subject: Financial Sanction of the research project titled "**Si/ZnO/ZnMgO/PEDOT: PSS/P3HT:PC61 BM hybrid bulk heterojunction (BHJ) architecture based organic solar cell: efficiency enhancement approach through the optical structure modification**" under the guidance of Dr. Santanu Maity, ECE, National Institute of Technology, Arunachal Pradesh , Po. yupia district, Papum pare, Arunachal pradesh-791111 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 1909600/-** (**Rs. Nineteen Lakh Nine Thousand Six Hundred Only**) with break-up of **Rs. *300000/-* under Capital (Non-recurring) head** and **Rs.*1609600/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 1909600/-** has been approved are given below:

The following budget may be considered for **National Institute Of Technology, Arunachal Pradesh, P.O. Yupia District**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment > Chemical work bench	300000
A'	*Total (Non-Recurring)*	***300000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1436000
2	Recurring - B : (Overhead Charges)	173600
B'	*Total (Recurring)*	***1609600***
C	**Total cost of the project (A' + B')**	**1909600**

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 300000/-** (Rupees Three Lakh only) under 'Grants for creation of capital assets' and **Rs. 250000/-** (Rupees Two Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Director, National Institute Of Technology, Arunachal Pradesh, P.O. Yupia District**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Engineering Sciences)

4. The Sanction has been issued to National Institute Of Technology, Arunachal Pradesh, P.O. Yupia District with the approval of the competent authority under delegated powers on **02 February, 2017** and vide Diary No. SERB/F/7922/2016-17 dated **04 February, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8 As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9 The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10 The release amount of **Rs. 550000/-** (Rupees Five Lakh Fifty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**NIT ARUNACHAL PRADESH PROJECT ACCOUNT**
Account Number	**34181796920**
Bank Name & Branch	**STATE BANK OF INDIA P.O. NirjuliPapumpareArunachal PradeshNirjuliArunachal Pradesh 791109**
IFSC/RTGS Code	**SBIN0009535**

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Email id of A/C Holder	directornitap@gmail.com
Email id of PI	santanu.ece@nitap.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise in the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no ECR/2016/001263 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Santanu Maity ECE National Institute of Technology, Arunachal Pradesh , P.o. yupia district, Papum pare, Arunachal pradesh-791111 Email: santanu.ece@nitap.in Mobile: 919436272773 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Director, National Institute Of Technology, Arunachal Pradesh, P.O. Yupia District (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

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38

Subject: SERB-Notification

From: SERB_Administrator@serbonline.in on Thu, 06 Sep 2018 10:36:25

To: <"info@serbonline.in"@imsva02.cdacnoida.in>

SERB India

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Science and Engineering Research Board
5 & 5A, Lower Ground Floor
Vasant Square Mall
Sector-B, Pocket-5
Vasant Kunj
New Delhi - 110 070

File Number: ECR/2016/001263

Dated: 06-Sep-2018

Subject: Project titled "Si/ZnO/ZnMgO/PEDOT: PSS/P3HT:PC61 BM hybrid bulk heterojunction (BHJ) architecture based organic solar cell: efficiency enhancement approach through the optical structure modification".

Dear Dr. Santanu Maity,

This is regarding the SERB project titled "Si/ZnO/ZnMgO/PEDOT: PSS/P3HT:PC61 BM hybrid bulk heterojunction (BHJ) architecture based organic solar cell: efficiency enhancement approach through the optical structure modification" sanctioned vide order no. ECR/2016/001263 dated 04 February, 2017 to be implemented at National Institute of Technology, Arunachal Pradesh, Yupia, Papum Pare.

SERB has considered your request and hereby agrees to the transfer of the above project from National Institute of Technology, Arunachal Pradesh, Yupia, Papum Pare to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur along-with all the asset/s procured in the project.

The National Institute of Technology, Arunachal Pradesh, Yupia, Papum Pare is also requested to transfer the unspent balance to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur.

Also, kindly upload/update the audited final statement of expenditure and Utilisation certificate till the date you have implemented the project at National Institute of Technology, Arunachal Pradesh, Yupia, Papum Pare.

Yours sincerely,
(Dr. Ramesh Vijayan)
SCIENTIST-C
Ph: Ph: 911140000331
Email: drvramesh@serb.gov.in

Dr. Santanu Maity
ECE

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FILE NO. EEQ/2016/000772

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 06-Feb-2017

ORDER

Subject: Financial Sanction of the research project titled **"Role of protein arginylation in cellular stress responses: A study using heat stress and oxidative stress models in arginylation deficient cell culture system"** under the guidance of Dr. Sougata Saha, Molecular Biology and Biotechnology, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4876000/-** (**Rs.** Forty Eight Lakh Seventy Six Thousand **Only)** with break-up of **Rs. 1400000/- under Capital (Non-recurring) head** and **Rs.3476000/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 4876000/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Freezer -> 2-Dimensional Gel Electrophorsis with Software, power pack, accessories	1400000
A'	Total (Non-Recurring)	**1400000**
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	3036000
2	Recurring - B : (Overhead Charges)	440000
B'	Total (Recurring)	**3476000**
C	**Total cost of the project (A' + B')**	**4876000**

2. Sanction of the **SERB** is also accorded to the payment of
Rs. 1400000/- (Rupees Fourteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 1160000/-** (Rupees Eleven Lakh Sixty Thousand only) under 'Grants-in-aid General' to **Vice-Chancellor, Professor Mihir Kanti Chaudhuri, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **30 January, 2017** and vide Diary No. **SERB/F/7884/2016-17** dated **03 February, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 2560000/-** (Rupees Twenty Five Lakh Sixty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM, PIN 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**bpathak@tezu.ernet.in**
Email id of PI	**sougata@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EEQ/2016/000772 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Sougata Saha** **Molecular Biology and Biotechnology** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: sougata@tezu.ernet.in** **Mobile: 919954471698** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Vice-Chancellor, Professor Mihir Kanti Chaudhuri,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

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Subject: "Dr. Sougata Saha" <sougata@tezu.ernet.in>
Date: Transfer of SERB funded project.
To: Wed, August 28, 2019 10:48 am
registrartu@tezu.ernet.in

Dean, R&D
For M & A.
28/8/19

Office of the Registrar
Receipt No 3453
Date 28/8/19
Received by

Serial No... 1314
Date of Receipt 29/8/2019
File No. Dean R&D
Received by

Dear Sir,

My heartiest greetings. Hope all is well at your end.

This letter is in connection to the transfer of the SERB funded project entitled, "Role of protein arginylation …… in arginylation deficient cell culture system'' (Reg. No. DoRD/MBBT/SS/20-308) to NIT Durgapur.

I like to inform you that, SERB has given permission to transfer the above project from Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur to National Institute of Technology, Durgapur, Durgapur along-with all the asset/s procured in the project. A copy of the letter is attached for your perusal.

I have already informed the matter to Dean, R&D and Joint Registrar, Accounts for necessary procedures. This is for your kind information and perusal.

My best regards,

Sougata Saha, Ph.D.,
Assistant Professor
Department of Molecular Biology & Biotechnology
Tezpur University, Napaam, Assam-784028, India

On lien at:
Department of Biotechnology
NIT Durgapur, Durgapur-713209, West Bengal, India

Mobile: 09954471698

HD
Mar. & Fin.
29/8

* * * D I S C L A I M E R * * *
This e-mail may contain privileged information and is intended solely for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail in error and destroy it from your system. Though considerable effort has been made to deliver error free e-mail messages but it can not be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, delayed, or may contain viruses. The recipient must verify the integrity of this e-mail message.

Attachments:

Letter to Registrar for tranfer of project.pdf	
Size:	629 k
Type:	application/pdf

SERB-Notification for transfer of the project 2.pdf	
Size:	100 k
Type:	application/pdf

Project Sanction Letter.pdf	
Size:	135 k
Type:	application/pdf

NOC TU.pdf

Scanned by TapScanner

A-615

Administrative
(Application No: BMB/2015/03)

File No. BT/PR15847/NER/95/21/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 13/2/2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Biophysical Characterization of adenylosuccinatelyase - a potential drug target from *Leishmania donovani* – a computational and molecular approach"** by Dr. Anupam Nath Jha, Tezpur University, Napaam, Assam and Dr. Anju Pappachan, Indian Institute Of Advanced Research, Gandhinagar at a total cost of **₹ 69.65 Lakhs (Rupees Sixty Nine Lakhs and Sixty Five Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Biophysical Characterization of adenylosuccinatelyase - a potential drug target from *Leishmania donovani* – a computational and molecular approach

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)

Dr. Anupam Nath Jha,
Assistant Professor
Department of Molecular Biology and Biotechnology
Tezpur University,
Napaam-784028, Assam

2.2.2 Principal Investigator: (Collaborating Institute)

Dr. Anju Pappachan
Assistant Professor
Department of Bioinformatics and Structural Biology
Indian Institute Of Advanced Research,
Koba, Gandhinagar-382007, Gujrat

2.3 Objectives:

Tezpur University, Napaam, Assam

1. The sequence analysis from the available ADSL proteins and literature search
2. Identification of crucial residues involved in oligomerization and functional activity of LdADSL
3. Mutational studies to determine the role of these residues
4. Molecular dynamics simulations of the native protein and mutants
5. Virtual screening of possible inhibitors

6. Prediction of possible drug ligands by different computational techniques (Docking, QSAR, ADMET)

Indian Institute Of Advanced Research, Gandhinagar

1. Cloning of LdADSL gene and recombinant protein expression
2. Generation of mutants (Mutations will be planned based on in-silico analysis)
3. Biophysical characterization of the proteins and mutants using techniques like CD spectroscopy, Fluorescence spectroscopy, Gel permeation chromatography, etc
4. Activity studies of native and mutant proteins using enzyme kinetic assays
5. Testing selected inhibitor compounds on the activity of the protein using enzyme assays

2.4 Time Schedule:

The duration of the project is **three years** from the date of issue of sanction order.

2.5 Equipment Details:

2.5.1 Tezpur University, Napaam Assam

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended
1.	GPU based parallel computing system	19.50
	Total	**19.50**

2.5.2 Indian Institute Of Advanced Research, Gandhinagar

(₹ in lakhs)

Sl. No.	Description of equipment	Grant Recommended
1.	Fluorescence spectrophotometer	10.00
	Total	**10.00**

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

2.6.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

2.6.2 Indian Institute Of Advanced Research, Gandhinagar

(₹ in lakhs)

S. No.	Position (No.)	Consolidated Emolument	1st Year	2nd Year	3rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

2.7 Budget Estimate:

The total cost of the project is **₹ 69.65 Lakhs (Rupees Sixty Nine Lakhs and Sixty Five Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Napaam, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	19.50	0.00	0.00	**19.50**
Sub Total- I	**19.50**	**0.00**	**0.00**	**19.50**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	1.50	1.50	2.00	**5.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	2.00	1.00	1.00	**4.00**
Sub Total- II (1-5)	**7.80**	**6.80**	**7.70**	**22.30**
GRAND TOTAL (I+II)	**27.30**	**6.80**	**7.70**	**41.80**

2.7.2 Indian Institute Of Advanced Research, Gandhinagar

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipments and accessories)	10.00	0.00	0.00	**10.00**
Sub Total- I	**10.00**	**0.00**	**0.00**	**10.00**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	2.00	2.00	2.00	**6.00**
3.Travel	0.25	0.25	0.25	**0.75**
4. Contingency	0.00	0.10	0.10	**0.20**
5.Overhead charges	0.20	0.20	0.20	**0.60**
Sub Total- II (1-5)	**5.75**	**5.85**	**6.25**	**17.85**
GRAND TOTAL (I+II)	**15.75**	**5.85**	**6.25**	**27.85**

(i) Grand total for 3 years (₹ 41.80 + ₹ 27.85) = ₹ 69.65 lakhs
(ii) Total for 1st year release (₹ 27.30 + ₹ 15.75) = ₹ 43.05 lakhs

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy. No/102/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.....** 614-615 in the Register of Grants.

2.10.2 The accounts of grantee institution shall be open to inspection by sanctioning auditory / audit.

3.0 M/S Biotech Consortium India Ltd (BCIL), Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002, is administrating the North Eastern Region Biotechnology Programme Management Cell (NER-BPMC) of the DBT.

(Dr. T Madhan Mohan)
Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Registrar, Tezpur University, Napaam-784028, Assam
6. The Vice-Chancellor, Tezpur University, Napaam-784028, Assam
7. The Director, Indian Institute Of Advanced Research, Gandhinagar- 382007, Gujrat.
8. Dr. Anupam Nath Jha, Assistant Professor, Department of Molecular Biology and Biotechnology, Tezpur University, Napaam-784028, Assam.
9. Dr. Anju Pappachan, Assistant Professor, Department of Bioinformatics and Structural Biology, Indian Institute Of Advanced Research, Koba, Gandhinagar-382007, Gujrat.
10. Concern file.
11. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T Madhan Mohan)
Adviser, DBT

F. No. 10/4(6)/2016-HRD
Government of India
Ministry of New & Renewable Energy
(Human Resources Development Division)
*****

Block No. 14, CGO Complex,
Lodhi Road, New Delhi-110003.
Dated:- 27.02.2017

To

The Pay & Accounts Officer,
Ministry of New & Renewable Energy,
Paryawaran Bhawan,
New Delhi- 110003.

Sub:- One time grant for up-gradation of Lab & Library facilities to Tezpur University, Napaam Tezpur, Assam in the field of New and Renewable Energy.

Sir,

In supersession to sanction letter No.10/4(6)/2016-HRD dated 13.02.2017 regarding the subject mentioned above the undersigned is directed to correct the Budget Head in Para 4 of the said sanction as follows:-

"The Expenditure will be debited to Demand No. 61-MNRE,2810-New and Renewable Energy (Major Head), 00.104-Research, Design and Development in Renewable Energy (Minor Head), 04-Research, Development and International Co-operation (Sub Head), 04.07-Human Resources Development and Training, 04.07.35-Grants for Creation of Capital Assets (Plan) for the year 2016-17."

2. The other conditions remains unchanged.

3. The sanction has been recorded at serial No. 2 Page No. 16 of the grant register 2016-17.

Yours Faithfully,

(Dr. B. S. Negi)
Advisor (HRD)

Copy to:-

1. **The Registrar, Tezpur University Napaam, Tezpur- 784028, Assam**
2. **Professor Dhanapati Deka, Principal Coordinator Department of Energy, Tezpur University, Napaam, Assam-784028.**
3. **Director of Audit, CW&M, DACR building, IP Estate, New Delhi.**
4. **JS & FA / Adv. (HRD) /DS (Finance).**
5. **PS to Minister (NRE).**
6. **PPS Secretary**
7. **DDO, Cash Section (Three Copies with one copy ink signed) MNRE.**
8. **Sanction Folder.**

(Dr. B. S. Negi)
Advisor (HRD)

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F. No. 10/4(6)/2016-HRD
Government of India
Ministry of New & Renewable Energy
(Human Resources Development Division)
*****

Block No. 14, CGO Complex
Lodhi Road, New Delhi-1100
Dated:- 13.02.2017

To

The Pay & Accounts Officer,
Ministry of New & Renewable Energy,
Paryawaran Bhawan,
New Delhi- 110003.

Sub:- One time grant for up-gradation of Lab & Library facilities to Tezpur Universi Napaam Tezpur, Assam in the field of New and Renewable Energy.

Sir,

I am directed to refer to Tezpur University's letter No. F-27-77/2014 (GAi)/481/8 da 11.03.2015 submitting therewith a proposal for providing grant-in-aid for up-gradation Laboratory and Library facilities and to convey the sanction of President of India **Rs.50,00,000/- (Rupees Fifty Lakh only) and release of Rs.30,00,000/- (Rupees Thirty L only)** as first installment for the up-gradation of Laboratory and Library facilities at Departm of Energy, Tezpur University, Assam, in accordance with the provisions of Para 2.5 Administrative Approval No.10/11/2011-P&C dated 07.10.2013 of HRD Programme of Ministry of New and Renewable Energy. The balance amount will be released after submission of Utilization Certificate in GFR-19A Form and audited Statement of Expenditur the Letter head of Chartered Accountant. This is also to convey that the upper ceiling for bo and other library facilities is limited to Rs.5.00 Lakh only.

2. The objective to provide a one-time grant-in-aid support to educational institutions for grading their Lab and Library facilities is to empower the educational institutions to pro quality education in renewable energy area with adequate practical exposure to the students. T grant-in-aid will be used for:-

i) Procuring the Lab equipment to cater the requirement of practical at under grad and post graduate level.

ii) Procurement of books, software for system design, impact assessment and simulat other teaching aid such as a cut models/ working models.

iii) Remodeling /refinishing the existing laboratory to facilitate installation commissioning of new equipment in the laboratory.

3 **The amount of Rs.30,00,000/- (Rupees Thirty Lakh only) will be drawn by the D MNRE from the P&AO, MNRE and disbursed to the Registrar Tezpur Univer Napaam, Assam, as per Bank details given over leaf:-**

Con

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Details of Account Holder	
Account Holder	Registrar Tezpur University
Address	Tezpur University, Napaam, Tezpur Assam-784028, Phon No. 03712-273101 /267004 /267004 Fax No.267005
Name of Bank	State Bank of India
Branch Name & address	Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001, Phon No. 3712-220592
IFSC Code	SBIN0000195
Account No.	30448821505
MICR Code of Bank	784002002
Type of Bank Account	Saving Bank Account

4. **The Expenditure will be debited to Demand No. 61-MNRE,2810-New and Renewable Energy (Major Head), 00.104-Research, Design and Development in Renewable Energy (Minor Head), 04-Research, Development and International Co-operation (Sub Head), 04.07-Human Resources Development and Training, 04.07.31-Grants-in-aid General (Plan) for the year 2016-17.**

5. The Grantee Organization is a Government Educational Institute and is exempted from submitting the Indemnity Bond and they will submit the UC in GFR 19-A for Rs.30,00,000/- (Rupees Thirty Lakh only) along with the audited Statement of Expenditure on Chartered Accountant Letter Head to obtain the remaining sanctioned amount as per the terms and conditions stated above. The Grantee organization comes under "Category A"

6. The Institute shall be open to inspection by the sanctioning authority and audit by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and Internal Audit by the Principal Accounts office of the Ministry or Department, whenever the Inspection is called upon to do so.

7. This issues under the Power delegated to the Ministry and with the concurrence of IFD vide their Diary No. IFD/1777/16-17 dated 30.12.2016.

8. The sanction has been recorded at serial No. 14 Page No. 6 of the grant register 2016-17.

Yours Faithfully

(Dr. B. S. Negi)
Advisor (HRD)

Copy to:-

1. **The Registrar, Tezpur University Napaam, Tezpur- 784028, Assam**
2. **Professor Dhanapati Deka, Principal Coordinator Department of Energy, Tezpur University, Napaam, Assam-784028.**
3. **Director of Audit, CW&M, DACR building, IP Estate, New Delhi.**
4. **JS & FA / Adv. (HRD) /DS (Finance).**
5. **PS to Minister**
6. **PPS Secretary DS (Finance)**
7. **DDO, Cash Section (Three Copies with one copy ink signed) MNRE.**
8. **Sanction Folder.**

(Dr. B. S. Negi)
Advisor (HRD)

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011-26588662, 011-26580701, 011-26580248

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी.रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बाक्स 4911, नई दिल्ली -110 029
V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 0

File No 5/13/12/2015/NCD-III

Dated: 2/2/2017

To

The Dean
Research & Development
Tezpur University
Tezpur-784028

Subject: "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Sashi Baruah, Tezpur University, Tezpur.

Sir/Madam,

In partial modification of this office letter of even number dated 5/12/16 the Director-General of the Council sanctions the above mentioned research scheme initially for a period of **one year** from **15. 2.17 to 14. 2.2018** subject to extension up to the total duration specified in para 3 (3) below.

The Director-General of the Council also sanctions the budget allotment of **Rs. 25,45,946 /- (Rupees Twenty Five lakh Fourty Five thousand Nine hundred and Fourty Six only)** as detailed in the attached statement the period ending 14. 2.2018

The grant-in-aid will be give subject to the following conditions:-

The payment of the grant will be made in lump-sum to the head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed Performa attached.

The staff appointed on the project should be paid as indicated in the budget statement attached.

The approved duration of the scheme is **Three years**. The annual extension will be given after review of the work done on the scheme during the previous year.

A report on the progress made will be submitted to the Council as and when called for.

The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant

The other terms and conditions are indicated in Annexure –I(please see terms &condition in the ICMR website

The receipt of the letter may please be acknowledged.

Yours faithfully

Sushila

(Sushila Kargaonkar)
Sr. Administrative Officer
For Director-Generai

Copy to: 1. Dr. Shashi Baruah, Professor, Deptt. of Molecular Biology and Biotechnology, Tezpur University, Napaam, Tezpur-784028.
2. Account Section-V
3. Finance Section vide RFC No. NCD/NER/2/2016-17 dated 28.9.2016.
4. IRIS Code Number (2014-2705).
5. Sr. AO.
6. Dr. Geeta Menon, Scientist 'D'.

For Director General

File. Received 23/2/2017

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File No. 5/13/12/2015/NCD-III

Title of the Project: "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation in head and Neck Squamous cell carcinoma under Dr. Shashi Baruah, Tezpur Unviersity, Tezpur.

Budget statement for the year 2016-2017
From (15. 2-2017 to 14. 2-2018)

S. No.	Staff	1st yrs.
1	SRF 28,000+HRA(20%)	4,03,200
2.	**Recurring**	
	DNA extraction kits (300 samples)	45,000
	For Real Time PCR RNA extraction kit (40 rxns) 26000x4 Cdna sysnthesis kit 58,971/- RT-PCR assays, AODs For gene expression	2,50,000
	IHC/IF and Western Blot Assays Kits, Antibodies, Reagents and consumables	2,00,000
	Cell culture Cell culture plastic ware, reagents	1,00,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	2,60,000
	Total	12,58,200
	Overhead charges 3%	37,746
3.	Travel	50,000
4.	**Non-recurring grant**	
1.	Gradient PCR	6,60,000
2.	UV Tran illuminator	1,50,000
3.	Vertical gel caster & power supply	1,65,000
4.	Semi-dry transfer apparatus	2,25,000
	Total	25,45,946

(Rupees Twenty Five lakh Fourty Five thousand Nine hundred and Fourty Six) only.

DOS: 15. 2.2017
Duration : 3 years

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TERMS AND CONDITION OF THE GRANT

i) Approval of the research proposal and the grant being released is for the specific project sanctioned and should be exclusively spent on this project within the stipulated time.

ii) Expenditure should be on no account exceed the budget sanctioned for the enquiry. Expenditure incurred over the above the sanctioned amounts against one or more sub-heads of expenditure such as pay, allowances, contingencies etc, shall be met without reference to the ICMR, by re-appropriation of savings under remaining sub-heads provided by re-appropriation of incurred during the financial year is within the over all sanctioned ceiling of that year.

iii) No expenditure shall be incurred on items not sanctioned by the Council. Savings should also not be re-appropriated for meeting or incurring expenditure on staff that has not been sanctioned by the council.

iv) The grant paid by the Council shall be refunded in full by the Institution if and when the grantee concerned discontinues a scheme midway or does not follow the detailed technical programme laid down and approved.

v) Receipts realised by the project officer and the sale proceeds, if any, will be remitted to the Council as miscellaneous receipts and should not be utilized for meeting expenditure on the scheme.

vi) All facilities for the conduct of the research scheme basic equipment and other ordinary laboratory chemicals, glass ware, furniture and other help as may be required for the smooth working of the scheme shall be provided by the institute.

Staff :.

vii) The staff employed on the research scheme will not be treated as employees of the Council and the deployment of such staff at the time of completion or termination of the project will not be the concern/responsibility of the Council. They will be subjected to administrative control of the Institution and will be appointed generally in accordance with the normal recruitment rules and procedure of the Institute.

viii) The Council will not be liable to bear any expenditure on pension/provident fund contribution and/or leave salary contribution incurred and committed by the grantee Institution for persons appointed on deputation from another organizations.

viii (A) An undertaking on part-I (specimen attached) (Appendix 'A') to be obtained

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No grant will be released unless the undertaking is receive by us sufficiently in advance to consider any release.

* undertaking

Release of funds

ix) The first installment of the grant will be paid as soon as a report regarding the commencement of the project and appointment of staff is received by the Council. The Demand for payment of subsequent installments of the grant should be placed with the Council in the prescribed form (Appendix 'B').

x) The institute will maintain separate audited account for this project. If it is found expendient. Keeps a part of whole of the grant in a back account earning interest, the interest thus earned should be reported to the Council. The interest thus earned will be treated as a credit to be adjusted towards further installment of the grant.

xi) The accounts will be subject to audit by the authorized auditor of the Institutions. In case, facilities are not available for such auditing, the account will be audited by the Council's own internal auditors. Latest by the end of December, following the financial year for which the grand is paid, an audit certification from, the auditors to the effect that "the accounts have been audited and that the money was actually spent on the objects for which it was sanctioned" shall be submitted to the Council.

xii) Further grants will be stopped unless audited statements of accounts, utilization certificates are received within a period of one year after the end of the financial year for which grant was sanctioned.

Stores:

xiii) All expendable and non-expendable articles required for work of the enquiry should be purchased in accordance with the procedure in vogue in the institution. For permanent and semi-permanent assets acquired solely or mainly out of the grant, a separate audited record in the form of register in the prescribed Performa enclosed shall be maintained by the Institute. The term "assets means (1) immovable property and (ii) movable property of capital nature where the value exceeds Rs. 1,000/-. Separate assets registers for items costing Rs. 20,000/- or more and less than Rs. 20,000/- each item may be maintained. (Appendix "C").

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been sanctioned.

Publications

The financial assistance rendered by the council should be acknowledged in any published account of work for which the grant is given.

The council publishes own journal 'Indian Journal of ('B') Medial research', in case, it is proposed to publish the papers based on the work done under the auspices of the Council in Journals other than the IJMR, the name of the journal in which it is proposed to publish the paper may please be intimated. A reprint of paper when published may please be sent to the Council for information and record.

Prior permission of the Council should be obtained before publication of any such papers in a foreign journal.

Patents

The Council shall have the right to make out patents in respect of inventions/discoveries make under a scheme/project financed by the council. The officer-in-charge or the staff employed on ICMR Schemes shall not apply or obtain patents for any invention/discovery made by them without prior approval of the council.

All patents will be registered with NDRC in the name of the Indian Council of Medical Research.

Termination of Enquiry:

Prior permission of the Council should be obtained if the investigator deslres to discontinue the enquiry. The reasons for discontinuing the scheme should invariably be scated. The investigator should submit a complete and detailed report of the work done by him on the project till the date of relief.

Any unspent balance out of the funds given to the institute shall be refunded to the ICMR on termination of the scheme.

A final report is required to be submitted within one month from the date of termination of the enquiry..

A list (in duplicate) of non-expendable and expendable articles together with property registers and suggestions for disposal of the articles should be sent to the Council wlthin a month from the date of termination of the enquiry.

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भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110029

No 5/13/12/2015-NCD-III (E-office – 70553) Dated: 28/05/2018

To,

Dr. Shashi Baruah,
Professor Deptt. Of Molecular Biology
and Biotechnology, Tezpur University,
Napaam Tezpur

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Biotechnology Tezpur University, Napaam Tezpur

Madam,

The Director- General, ICMR sanctions the **Continuation** of the above project for **2nd year w.e.f 15.02.2018 to 14.02.2019** with budget amounting to **Rs.** 13,29,110/- **(Rupees thirteen lakh twenty nine thousand one hundred ten only)** copy of budget enclosed.

It is requested that the Statement Accounts alongwith Utilization Certificate may be sent to this office urgently. Further grant will be release only after receipt of the same.

The other terms and conditions will remain the same as mentioned in this office letter of even number dated 02.02.2017.

Yours faithfully

(Sushila Kargaonkar)
Sr. Admin. Officer
For Director- General

Copy to:-

1. The Dean, Research & Development, Tezpuir university , Tezpur-784028
2. Accounts- V RFC No. NCD/NER/2/2016-17 dated 28.09.2016
3. IRIS Code Number (2014-2705)
4. Sr.AO
5. Mr. Hemant , Sr. TO,ICMR

Sushila

For Director- General

Original - File.
Copy - Prof. S. Baruah, Deptt of Molecular Biology & Biotechnology

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No 5/13/12/2015-NCD-III

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Bioteechnology Tezpur University, Napaam Tezpur

Budget
w.e.f. 15.02.2018 to 14.02.2019

S.No	Staff	2nd Year
1.	SRF 28,000+HRA (20%)	4,03,200
2.	Recurring	
	DNA extraction kits (300 samples)	45,000
	For Real Time PCR RNA extraction kit (40 rxns) 26000x4 Cdna sysntesis kit 58,971/- RT-PCR assays, AODs For gene expression	2,20,000
	IHC/ IF and Western Blot Assays Kits, Antibodies, Regents and consumables	2,00,000
	Cell culture Cell culture plastic ware, reagents	2,00,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	1,50,000
	Total	12,18,200
	Overhead charges 5%	60,910
		50,000
3.	Travel	**13,29,110**
	Total	

(Rupees thirteen lakh twenty nine thousand one hundred ten only)

Duration- 3 year

D.O.S. 15.02.2017

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INDIAN COUNCIL OF MEDICAL RESEARCH
Serving the nation since 1911

भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health and Family Welfare, Government of India

No 5/13/12/2015-NCD-III (E-office – 70553)

Dated: 14/10/2019

To,

Dr. Shashi Baruah,
Professor Deptt. Of Molecular Biology
and Bioteechnology, Tezpur University,
Napaam Tezpur

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Bioteechnology Tezpur University, Napaam Tezpur

Madam,

The Competent Authority, ICMR sanctions the **Continuation** of the above project for **3rd year w.e.f 15.02.2019 to 14.02.2020** with budget amounting to **Rs. 10,13,060/- (Rupees ten lakh thirteen thousand sixty only)** copy of budget enclosed.

The other terms and conditions will remain the same as mentioned in this office letter of even number dated 02.02.2017.

Yours faithfully

(Ishwar Likhar)
Admin. Officer
For Director- General

Copy to:-
1. The Dean, Research & Development, Tezpuir university , Tezpur-784028
2. Accounts- V RFC No. NCD/NER/2/2016-17 dated 28.09.2016
3. ISRM Code Number (2014-2705)
4. AO (NCD)
5. Mr. Hemant , Sr. TO,ICMR

For Director- General

वी. रामलिंगस्वामी भवन, पोस्ट बॉक्स नं. 4911,
अंसारी नगर, नई दिल्ली - 110 029. भारत
V. Ramalingaswami Bhawan, P.O. Box No. 4911,
Ansari Nagar, New Delhi - 110 029. India

Tel: +91-11-26588895 / 26588980 / 26589794
+91-11-26589336 / 26588707
Fax: +91-11-26588662 | icmr.nic.in

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No 5/13/12/2015-NCD-III

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Bioteechnology Tezpur University, Napaam Tezpur

Budget for the year 2019-2020
w.e.f. 15.02.2019 to 14.02.2020

S.No	Staff	3rd Year
1.	SRF 35,000+HRA (20%)=Rs.40,600/-	4,87,200
2.	Recurring	
	For Real Time PCR RNA extraction kit (40 rxns) 26000x4,Cdna sysntesis kit 58,971/- RT-PCR assays, AODs For gene expression	1,00,000
	IHC/ IF and Western Blot Assays Kits, Antibodies, Regents and consumables	1,00,000
	Cell culture,Cell culture plastic ware, reagents	1,25,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	1,05,000
	Total	9,17,200
	Overhead charges 5%	45860
3.	Travel	50,000
	Total	**10,13,060**

(Rupees ten lakh thirteen thousand sixty only)

Duration 3 years
Dated of Start 1502.2017

(Ishwar Likhar)
Admin. Officer
For Director- General

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(25)

NATIONAL AGRICULTURAL SCIENCE FUND (NASF)
(Indian Council of Agricultural Research)
Room No. 707, KAB -I, Pusa, New Delhi – 110012

F. No. NASF/ABA-6018/2016-17/235

Dated: 27.02.2017
28

To,

The Vice-chancellor,
Visva-Bharati, Central University,
P.O. Santiniketan-731235,
District-Birbhum, West Bengal

Subject: Sanction letter for the Research project entitled, **"Elucidating the mechanism and assessing amelioration potential of *Ocimum* and *Lucas* in stress-induced impaired homeostasis on growth and reproduction in Zebrafish"** under the National Agricultural Science Fund (NASF)

Sir,

The Empowered Committee (EC) of the NASF, considered the proposal on **"Elucidating the mechanism and assessing amelioration potential of *Ocimum* and *Lucas* in stress-induced impaired homeostasis on growth and reproduction in Zebrafish"** in its 27th meeting held on 20th January, 2017 and approved for implementation under the NASF. The total cost of this project is ₹ **179.31050** Lakh (Rupees one crores seventy nine lakhs thirty one thousand and fifty only) for a period of 3 years (March 2017 to February 2020). The financial sanction of the competent authority for the project is now being accorded for the period from 1st March 2017 to 31st March 2018. The sanction for the period from 1st April 2018 till the end of the project i.e. 29th February 2020 will be conveyed later. **No expenditure should be incurred beyond 31st March 2018 from the sanctioned amount (including the savings as on 1st April 2018) till the competent authority accords the sanction for 1st April 2018 to 29th February 2020.** The Principal Investigator (PI) and the Co-operating Centre Principal Investigators (CCPIs) are the following.

1. **Name of the Lead Centre**
   Visva-Bharati (A Central University), Santiniketan-731 235, West Bengal

2. **Names of Cooperating Centre**
   Tezpur University (A Central University), Sonitpur-784 028, Assam

3. **Name & Designation of the Principal Investigator**
   Dr. Sudipta Maitra, Associate Professor, Visva Bharati (A Central University), Santiniketan - 731 235, West Bengal

4. **Name & Designation of the Cooperating Centre Principal Investigators**
   Dr. Satya Sundar Bhattacharya, Assistant Professor Dept. of Environmental Science
   Tezpur University (A Central University) Sonitpur-784 028 Assam

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The details of the project are given in the project document in **Annexure I**. The head-wise and year-wise budget (both consolidated and for each partner) are given in the **Annexures II to VII**.

The Sanction will be subject to the following conditions:

1. The Principal Investigator (PI) and the Lead Centre will have the overall responsibility of carrying out the work shown in the project as given in **Annexure I**. Each Cooperating Centre Principal Investigator (CCPI) and the Cooperating Centre will have the responsibility for work assigned to the Centre under the project by the competent authority of NASF and the centre will fully cooperate with the Lead Centre and the NASF authorities.

2. All the Centres and the scientists will follow the rules and regulations of the ICAR set for the operation of the projects sanctioned under NASF.

3. Financial and Procurement

i. Funds will be released by the Secretariat of the NASF directly to the institutions of the PI (Lead Centre) and to the institutions of the CCPIs (Cooperating Centre).

ii. The Lead Centre and each of the Cooperating Centre will submit to the ADG (NASF) head-wise Utilization Certificate (UC) in the prescribed format duly verified by the concerned Finance Officer(s) twice every financial year: the first will be the UC for the immediate preceding financial year ending 31st March and will be submitted by the 15th of April and the second a six-monthly UC for the period from 1st April to 30th September of the year by the 15th of October. Each Cooperating Centre will submit a copy each of the aforesaid UCs to the PI.

iii. For facilitating smooth and speedy implementation of the activities envisaged under the sanctioned project, the PI and the CCPI from each Cooperating Centre will exercise powers for executing the project to the extent of sanctioned funds of his/her respective component of the project as given in **Annexure VIII**.

iv. The Heads of the Lead Centre and the Cooperating Centre(s) will ensure that the project runs in an efficient manner, provide laboratory space, salary, logistic facilities and services required for the same and monitor its progress on a regular basis.

v. **The expenditure will be made only on the approved items.** The amount sanctioned under each head/subhead is the maximum budgetary limit for that item but the actual expenditure will not exceed the amount actually released by the ADG under the head for the period concerned. In case of public organizations the expenditure under any head shall be made by the Lead or Cooperating centre in accordance with their own institutional prescribed rules/ norms. However, in cases of conducting workshops, meetings, and cost of Advisory Committee meetings norms and rules enclosed as **Annexure IX** should be followed. **Any re-appropriation from one head to another is not permissible.** All institutions including those belonging to the ICAR will maintain a separate ledger for the project. In case of private and non-governmental organizations the expenditure will be made in accordance with ICAR/NASF rules. In case any guidance is required in this matter, the Lead or Co-operating centre should take the guidance of the Finance and Accounts Officer of the nearest ICAR institutes with information to the ADG, NASF.

vi. There will be **no revalidation of unspent funds released for recurring expenditure** from one financial year to the next financial year. For funds released for non-recurring expenditure such revalidation will be allowed in exceptional cases. Funds revalidated once will not be revalidated for the second time.

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vii. Accrual accounting system has to be followed for the funds of the project without any exception. The reporting of annual accounts will also be in accordance with the accrual accounting system.

viii. At the end of each financial year, a Utilization Certificate will be submitted by the designated Finance Officer/F&AO/Comptroller of the Lead and each Cooperating Centre by 15th April indicating the head wise expenditure incurred in the previous year and resultant unspent balances/savings. Only on the receipt of UC, any funds will be released for the next financial year after adjusting for the savings from the previous financial year. Each of the Lead and the Cooperating Centre will submit an Audited Utilization Certificate (AUC) for the previous financial year by the 30th September of each year in the prescribed proformas. The Central Government/State Government Institutes will get the certificate from the CAG/State AG. The Universities (General and Agricultural) and the non-ICAR institutes will have the option to get the certificate from their statutory auditors or from a Chartered Accountant empanelled by ICAR (Please see the website http://www.icar.org.in/nfbsfara/index.html for the list of empaneled chartered accountants and their remunerations). The private and NGO institutions will get the certificate from a Chartered Account empanelled as given in the above website. The cost of hiring the Chartered Accountants will be met out of the institutional charges. In case it is not sufficient operational cost budget may be used with the permission of ADG, NASF.

ix. Only after the receipt of the AUC and the half yearly UC any funds for the second half of a financial year will be released.

x. The salaries of the RAs and SRFs will be according to ICAR norms prevalent during the period of appointment (copy of the current norms in vogue is enclosed as **Annexure X**). Adequate transparent and competitive procedure should be adopted for the selection of the contractual staff.

xi. The ICAR will have no liability, whatsoever, for the SRFs and RAs or any other staff employed under the Project on contractual basis during and after expiry of the project term.

xii. Institutional charges will be available to the Institution concerned for meeting expenditure on overheads, institutional services, monitoring, reporting, and audit which are required by the Lead or Cooperating Centres to support the project. Expenditure under this item should be properly accounted for.

xiii. Funds for every year will be released after the submission of UC and on the basis of demands for funds, scientific/technical reports, submission of data and recommendations of the PI and the ADG regarding the satisfactory achievement of research targets set for the period. The UC should be submitted head wise duly verified by competent finance officer of the institution concerned indicating head wise closing/unspent balances.

xiv. Submission of research publication, data management and cost of publication need to be as per ICAR guidelines.

Monitoring:

(i) This sanction letter, and the research project (as given in **Annexure I**) approved by the EC will be treated as a Work Programme Agreement between the ICAR and the Lead and the Cooperating Centres.

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(ii) ADG, NASF will form an Advisory Committee consisting of two external members (one as Chairman and the other as a member) who are very eminent scientists in the field of the project. The ADG or his representative, the Head of the Lead Centre or his nominee, the CCPI(s), Head of Finance and the Head of Administration of the Lead Centre will be the members. The PI of the project will be the Member Secretary. The recommendations of the Advisory Committee may be reviewed by the NASF. The NASF decision will be final on all recommendations/suggestions of the Advisory Committee. The Advisory Committees would be constituted by the ADG/Director. ACs may recommend additional fund of Rs. 1.5 lakhs to NASF within the approved budget for consideration during midterm evaluation/monitoring.

ACs will be evaluating, monitoring and review the project once in a year. Besides, it may visit laboratory/field/sites in consultation with NASF office.

Chairman(s) of ACs may participate during the annual review meetings of the projects, based on requirements.

The names of the External Members of the Advisory Committee and the powers delegated to the Committee are given in **Annexure XI**.

As the Member Secretary, the PI will conduct one meeting of the Advisory Committee in one year to formulate the plan of work, review and monitor, the progress of work and, suggestions for the improvement in the project.

(iii) The PI will submit to the ADG an Annual Report for the previous year (ending 31st March) by 15th April of every year in a prescribed Proforma(s).

(iv) The PI and the CCPIs may be called to present their progress before the EC or in a Workshop organized by the NASF whenever required.

(v) A final report of the project will be submitted to the ADG within 30 days of the closure of the project with all technical and financial details. This deadline will be strictly followed.

(vi) The ADG or his representative will visit the project institutions as and when required.

5. Intellectual Property Rights:

(i) The rights on any intellectual property shall be vested in the ICAR, who shall be the absolute and full owner.

(ii) The sharing of income from Intellectual Property Rights (IPR) from the project would be in accordance with the proportion/percentage given below:

(a) Share of ICAR: 60%
(b) Share of Project Participating Institutions: 40%. Out of this 40%, the share of major/inventing partner(s) will be 50% and the rest 50% shall be shared equally among other partner(s) if any.

(iii) The intellectual properties may be licensed against a fee (premium) which may be in a lump sum or with royalty for a fixed/defined period of time.

(iv) The intellectual properties to be licensed on exclusive basis or non-exclusive basis will be decided by the ICAR depending upon the welfare/gains considerations or public consideration or public welfare embedded in the intellectual properties.

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(v) Whereas a minimum price for the intellectual properties is to be evaluated, it may not be rigidly adhered to; and the offers made by different parties shall be given due consideration in consultation with the Empowered Committee on the basis of recommendations of ICAR. The spirit behind this should be to commercialize the intellectual properties in the best interest of the investment.

(vi) If one or more of the partners (i.e., the Lead or Cooperating Centre) of the Project is (are) interested to commercialize the intellectual properties, it may be given preference over other parties at mutually agreed terms and conditions between the interested partner and the ICAR.

(vii) The ICAR will hold the right to use the intellectual property for non-commercial purposes in public interest.

(viii) The services of the inventor(s) rendered subsequent to the transfer of intellectual property may entail earning of charges/fees etc., distribution of which will be as per the clause stated in para 4(ii) above.

(ix) It will not be incumbent upon the ICAR to protect every Intellectual Property (IP) generated from the Project. On refusal by the ICAR to own the IP, the inventor(s) shall be free to protect it at their own cost provided ICAR has no objection to it in public interest.

6. The PI and the CCPI will not be removed/ transferred from the project without the prior consent of the Empowered Committee of the NASF.

7 The decision of the Empowered Committee of the NASF will be final in all matters of the project.

Receipt of this letter may please be acknowledged. The PI is requested to make copies of the sanction letter along with all the Annexures and distribute the same to the CCPI(s) and the heads of the Lead and Cooperating Centres.

Yours faithfully,

28.2.17

(P.K. Agrawal)
ADG (NASF)

Copy for information and necessary action to:

(i) PI/CCPIs of the project.
(ii) Heads of Cooperating Centres
(iii) F&AO, NASF Secretariat
(iv) Office copy

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भारतीय कृषि अनुसंधान परिषद
Indian Council of Agricultural Research
राष्ट्रीय कृषि विज्ञान कोष
National Agricultural Science Fund
कृषि अनुसन्धान भवन-- 1, पूसा नई दिल्ली-110012
Krishi Anusandhan Bhavan-I. Pusa New Delhi – 110 012

30

F. No. 3(498)/NFBSFARA/FIN/2010

दिनांक: 06.03.2017

NFBSFARA

F. T. Advice No. 426
Voucher No. 390

सेवा में,
शाखा प्रबंधक.
सिंडीकेट बैंक, पूसा,
भारतीय कृषि अनुसंधान संस्थान, कैम्पस, नई दिल्ली -12

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विषय– धन के हस्तांतरण के लिए मांग

महोदय,

आपको एतद्द्वारा नीचे दिए गए विवरण के अनुसार फंड ट्रांसफर करने के लिए अनुरोध किया जाता है।

DEBIT

क्र. स.	विवरण	IFSC Code	बैंक खाता सं.	बैंक नाम/शाखा	राशि
1	राष्ट्रीय समन्वयक, NFBSFARA	SYNB0009029	90293050000036	Pusa Campus, New Delhi	4,13,875/-

CREDIT

क्र. स.	विवरण	IFSC Code	बैंक खाता सं.	बैंक नाम/शाखा	राशि
1	Tezpur University, Assam	SBIN0000195	30448821505	Assam	4,13,875/-

यह एतद्द्वारा प्रमाणित किया जाता है। कि यह फंड ट्रांसफर सरकारी प्रयोजन के लिए हैं

आईसीएआर की इकाई-रा.कृ.वि.को. के लिए
For ICAR Unit-NASF

अधिकृत हस्ताक्षरी
Authorized Signatory

अधिकृत हस्ताक्षरी
Authorized Signatory

कॉपी:

Dr. Satya Sundar Bhattacharya, Assistant Professior Dept. of Environmental Science, Tezpur University (A Central University) Sonitpur-784028 Assam..... **"Elucidating the mechanism and assessing amelioration potential of *Ocimum and Lucas* in stress-induced impaired homeostasis on growth and reproduction in Zebrafish"**

F. No. NASF/ABA-6018/2016-17

OIC

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29

INDIAN COUNCIL OF AGRICULTURAL RESEARCH

NATIONAL AGRICULTURAL SCIENCE FUND (NASF)
Room # 707, KAB-I, New Delhi-110012

F. No. NASF/ABA-6018/2016-17

Sub: **Authorization for release of funds for the financial year 2016-17** **Dated: 06.03.2017**

The following release of funds has been approved for the NASF as per details given below: -

1. Name of the Project/Programme/Activity: "**Elucidating the mechanism and assessing amelioration potential of *Ocimum* and *Lucas* in stress-induced impaired homeostasis on growth and reproduction in Zebrafish**"
2. Reference of Sanction letter: Letter No. **NASF/ABA-6018/2016-17**
3. Name of the Lead Centre: **Visva-Bharati University, West Bengal**
4. Name of the Cooperating centre(s): **Tezpur University, Assam**
5. Scheme Code: NASF
6. Total sanctioned amount for the project: **Rs. 179.31050 lakhs**
7. Total sanctioned amount for the project for the current financial year 2016-17: **Rs. 15.42775 lakhs**
8. Total sanctioned amount for **Tezpur University, Assam**: **Rs. 46.57230 lakh**
9. Total sanctioned amount for **Tezpur University, Assam** for current financial year 2016-17: **Rs. 4.13875 lakh**
10. Amount now authorized for payment: **Rs. 4.13875 lakhs**
11. Audit Utilization Certificate received up to (date): NA
12. Grant to be released in favour of: **The Registrar, Tezpur University, Assam-784028**
13. Release under NEH/TSP/Other than NEH: **Under NEH region**
14. The breakup of amount now authorized for payment is given overleaf in Table 1 (p2/3):

IFSc code:SBIN0000195, A/C no.: 30448821505, State Bank of India, Main Branch, Tezpur Road, Tezpur, Sonitpur, Assam-784001

(P.K. Agrawal)
ADG (NASF)

Section Diary Date:
Section File No. Sl. No. of App. Ledger

Budget Allocation checked and found correct. Submitted and Budget Allocation Register and Remittance Register.

F&AO

Pay Rs. (In words)_____

_____

Finance & Accounts Officer

Paid by Cheque No. _____ Date: _____

Cash Book Voucher No. _____ Date: _____

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(Rs. in Lakhs)

S. No.	Item	Sanctioned Budget for 2016- 17 (Mar.2017)	Proposed release 2016-17	Net Release for 2016-17
	I. Non-recurring			
1.	**Civil Works**			
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**			
	a. Equipment, Plant & Machinery, Technology to be purchased	0.70000	0.70000	0.70000
	b. Animals	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**0.70000**	**0.70000**	**0.70000**
3.	**Capacity Building**			
	a. Attending Workshops/Seminars/ Exposure Visits			
	i. Abroad	0.00000	0.00000	0.00000
	i. India	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**0.70000**	**0.70000**	**0.70000**
	II Recurring Cost			
	1. TA/DA	0.00000	0.00000	0.00000
	2. Review Workshop/Meetings	0.00000	0.00000	0.00000
	3. Contractual Staff	0.27500	0.27500	0.27500
	4. Operational Contingencies			
	i. Laboratory purpose			
	a. Chemicals, glassware, raw material, pots etc.	3.00000	3.00000	3.00000
	b. Unskilled/semi skilled labour	0.00000	0.00000	0.00000
	c. Outsourcing of lab work	0.00000	0.00000	0.00000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000
	e. Computer stationery	0.00000	0.00000	0.00000
	ii. Field purpose			
	a. Small field equipment khurpi, pots, seed, etc.	0.00000	0.00000	0.00000
	b. Semiskilled/unskilled labour	0.00000	0.00000	0.00000
	c. Feed and Medicine/Running cost	0.00000	0.00000	0.00000
	d. Small repairs of farm machinery	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys	0.00000	0.00000	0.00000
	iv. Miscellaneous urgent purchases	0.00000	0.00000	0.00000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	**3.00000**	**3.00000**	**3.00000**
	Sub-Total (i+ii+iii+iv+v+vi)	**3.27500**	**3.27500**	**3.27500**
	Sub-Total (1+2+3+4)	0.16375	0.16375	0.16375
	III Institutional Charges	**4.13875**	**4.13875**	**4.13875**
	TOTAL COST (I+II+III)			

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Table-2: Centre-wise budget for the year 2016-17

(Rs. in Lakh)

S. No.	Item	VB, University, WB	Tezpur University, Assam	Total
	II. Non-recurring			
1.	**Civil Works**			
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.	0.00000	0.00000	0.00000
	b. New structures for experimental facilities	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**			
	a. Equipment, Plant & Machinery, Technology	2.50000	0.70000	3.20000
	b. Animals	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000
	d. Computer hardware & software related to the project	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases etc.	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**2.50000**	**0.70000**	**3.20000**
3.	**Capacity Building**			
	a. Attending Workshops/Seminars/ Exposure Visits			
	i. Abroad	0.00000	0.00000	0.00000
	ii. India	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000
	Total (a+b+c)	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**2.50000**	**0.70000**	**3.20000**
	II Recurring Cost			
	1. TA/DA	0.00000	0.00000	0.00000
	2. Review Workshop/Meetings	0.00000	0.00000	0.00000
	3. Contractual Staff	0.99000	0.27500	1.26500
	4. Operational Contingencies			
	i. Laboratory purpose			
	a. Chemicals, glassware, raw material, pots etc.	7.00000	3.00000	10.00000
	b. Unskilled/semi skilled labour	0.00000	0.00000	0.00000
	c. Outsourcing of lab work	0.00000	0.00000	0.00000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000
	e. Computer stationery	0.00000	0.00000	0.00000
	ii. Field purpose			
	a) Small field equipment khurpi, pots, seed, etc.	0.00000	0.00000	0.00000
	b) Semiskilled/unskilled labour	0.00000	0.00000	0.00000
	c) Feed and Medicine	0.00000	0.00000	0.00000
	d) Maintenance of greenhouse	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys, arranging & attending meetings etc.	0.00000	0.00000	0.00000
	iv. Miscellaneous urgent purchases	0.00000	0.00000	0.00000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	0.00000	0.00000	0.00000
	Sub-Total (i+ii+iii+iv+v+vi)	**7.00000**	**3.00000**	**10.00000**
	Sub-Total (1+2+3+4)	**7.99000**	**3.27500**	**11.26500**
	III Institutional Charges	0.79900	0.16375	0.96275
	TOTAL COST (I+II+III)	**11.28900**	**4.13875**	**15.42775**

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FILE NO. EMR/2016/003195

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 03-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled "**Continuous Flow reaction-An Attempt to Miniaturization of some pharmaceutical processes**" under the guidance of Dr. Ramesh C Deka, Chemical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 4740120/-** (Rs. Forty Seven Lakh Forty Thousand One Hundred and Twenty **Only**) with break-up of **Rs. *1500000/-* under Capital (Non-recurring) head** and **Rs.*3240120/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 4740120/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Rotary Evaporator -> Gas Chromatograph -> Fume Hood -> Minor Equipment	1500000
A'	*Total (Non-Recurring)*	***1500000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2809200
2	Recurring - B : (Overhead Charges)	430920
B'	*Total (Recurring)*	***3240120***
C	**Total cost of the project (A' + B')**	**4740120**

2. Sanction of the **SERB** is also accorded to the payment of
- **Rs. 1500000/-** (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 100000/-** (Rupees One Lakh only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)** **This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)**

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **20 February, 2017** and vide Diary No. **SERB/F/8798/2016-17** dated **27 February, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1600000/-** (Rupees Sixteen Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Tezpur University R & D**
Account Number	**30448821505**

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Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam - 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**biren@tezu.ernet.in**
Email id of PI	**ramesh@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/003195 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

3/3/17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Ramesh C Deka** **Chemical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: ramesh@tezu.ernet.in** **Mobile: 919435380221** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

3/3/17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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FILE NO. EMR/2016/001711

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector B, Pocket 5, Vasant Kunj
New Delhi-110070

Subject: Financial Sanction of the research project titled "**ELECTROCHEMICAL STUDY OF ENZYME IMBEDDED SUPPORTED BILAYER LIPID MEMBRANES TO DEVELOP A SENSOR FOR ORGANOPHOSPHATE AND ORGANOCARBAMATE PESTICIDES**" under the guidance of Dr Panchanan Puzari, Chemical Sciences, Tezpur University , Distt sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant

ORDER Dated: 07-Mar-2017

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 6497395/-** (Rs. Sixty Four Lakh Ninety Seven Thousand Three Hundred and Ninety Five Only) with break-up of Rs. *3677125*/- under **Capital (Non-recurring) head** and **Rs. *2820270*/-** under **General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 6497395/-** has been approved are given below.
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> QCM Flow module set up -> CM 14 mm Keyhole, 10 MHz, Polished finish, Cr/Au Electrode -> SP-300 Potentiostat/Galvano stat -> AWS Model Quartz crystal micro balance set up -> EQCM 14 mm In-Batch Cell for AWS Platform	3677125
A'	*Total (Non-Recurring)*	***3677125***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2229600
2	Recurring - B : (Overhead Charges)	590670
B'	*Total (Recurring)*	***2820270***
C	**Total cost of the project (A' + B')**	**6497395**

2. Sanction of the **SERB** is also accorded to the payment of
- **Rs. 3677125/-** (Rupees Thirty Six Lakh Seventy Seven Thousand One Hundred and Twenty Five only) under 'Grants for creation of capital assets' and **Rs. 100000/-** (Rupees One Lakh only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **02 March, 2017** and vide Diary No **SERB/F/8971/2016-17** dated **03 March, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3777125/-** (Rupees Thirty Seven Lakh Seventy Seven Thousand One Hundred and Twenty Five only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	**30448821505**

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Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001, 91-3712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	pancha@tezu.ernet.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/001711 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

7/3/17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, **New Delhi**
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Panchanan Puzari** **Chemical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: pancha@tezu.ernet.in** **Mobile: 918486872235** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Rigistrar,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

7/3/17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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मौलाना अबुल कलाम आज़ाद एशियाई अध्ययन संस्थान

(संस्कृति मंत्रालय, भारत सरकार के अधीन एक स्वायत्त निकाय)

आई बी १६६, सेक्टर ३, सॉल्ट लेक, कोलकाता ७०० १०६

MAULANA ABUL KALAM AZAD INSTITUTE OF ASIAN STUDIES

(An Autonomous Body under the Ministry of Culture, Govt. of India)

IB 166, SECTOR III, SALT LAKE, KOLKATA 700106

E-mail : info@makaias.gov.in
Website : www.makaias.gov.in

टेली फैक्स : (०३३) २३३५-६६२९ / २३३५-७६२६
दूरभाष : (०३३) २३३५-६६२३ / ६६४२ / ६६२९
Tele Fax : (033) 2335-6629 / 2335-7626
Phone : (033) 2335-6623 / 6642 / 6629

Dr. Sreeradha Dutta
Director

MAKAIAS- MACRONEI- Tezpur University- 2/ 2017

Professor Juri Gogoi Konwar
Department of Cultural Studies
Tezpur University, Assam - 784028

Dear Professor Juri Gogoi Konwar,

I am writing with reference to the project on 'Border Trade at pangsau: Transcending Boundaries between India and Myanmar' undertaken by you with a budget of Rs. 3, 10, 000/- (Rupees three lakhs and ten thousand only) for a period of one year under the aegis of MACRONEI, Tezpur University. The consolidated budget will be released to you in the following manner:

1. 1st installment of Rs. 1, 30, 000/- (Rupees one lakh and thirty thousand only) will be released on receipt of the duly signed and sealed undertaking.
2. 2nd installment of Rs. 80, 00, 00/- (Rupees eighty thousand only) will be released upon receipt of the first satisfactory progress report within 4 months from the date of your signed undertaking, provided the 1st installment is adjusted in the book of the accounts of the Institute with bills, vouchers in original as per the budget submitted,
3. 3rd installment of Rs. 50, 000/- (Rupees fifty thousand only) will be released upon receipt of satisfactory progress report with draft manuscript within 8 months from the date of your undertaking the project along with settlement of your 2nd installment in the book of accounts with bills and vouchers in original as per the budget submitted by you
4. The 4th and final installment of Rs. 50, 000/- (Rupees fifty thousand only) will be released on submission of a publishable manuscript along with adjustment of the 3rd installment of the grant released with bills and voucher in original as per the budget submitted by you.

The Undertaking and terms and conditions are attached herewith

Yours sincerely,

Sreeradha Dutta

मौलाना अबुल कलाम आज़ाद एशियाई अध्ययन संस्थान

(संस्कृति मंत्रालय, भारत सरकार के अधीन एक स्वायत्त निकाय)

आई. बी. १६६, सेक्टर ३, सॉल्ट लेक, कोलकाता ७०००१०६

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E-mail info@makaias.gov.in
Website www.makaias.gov.in

टेली फैक्स (०३३) २३३५-६६२९ / २३३५-७६०९
दूरभाष (०३३) २३३५ ६६२३ / ६६४२ / ६६२४
Tele Fax (033) 2335-6629 / 2335-7609
Phone (033) 2335-6623 / 6642 / 6624

The terms and conditions are as follows.

1. The publishable manuscript should be made abiding by the norms given in the manuscript writing guidelines being provided along with this letter. The copyright of the manuscript will be retained by MAKAIAS. Kindly note you will need to revise the manuscript as suggested by the review committee.
2. Further delay in the timeline as specified above will result in deduction of Rs. 1000/- (Rupees One Thousand) only per month from the total grant sanctioned to you by MAKAIAS.
3. The grant should not be utilized for buying computer peripherals or internet or telephone connections.
4. Books purchased above Rs. 1000/- (Rupees One Thousand) only will have to be submitted to the library of MAKAIAS after the completion of the research project.
5. For field trips, you will need to avail only Government air carriers to book their tickets. Government sponsored travel agents or directly from Government website.
6. Original bills need to be furnished to the Institute even in case of local conveyance. Self authorized vouchers are not treated as valid documents by the institute. Boarding pass/toll duty slips will have to be attached along with the bills. Parking and flight halt charges need to be clarified for the purpose of the project only.
7. Travel fares and accommodation and food need to be according to the entitlements specified by Government of India. You are advised to take a clarification from the institute beforehand regarding your entitlements.
8. Institutional charges will be given at the end of the project.
9. No tips or service charges shall be included in the project cost.
10. Lastly, if the review of the final work/manuscript submitted by you for the award is found un-publishable, you will have to refund 50 % of the total grant received within 60 days from the letter issued by MAKAIAS to you regarding this.

Please indicate for transfer of the grant the total amount in figures in the above letter. I am attaching undertaking for further necessary action. Thanking You.

(Dr. Sreeradha Datta)

Society for Research & Initiatives for Sustainable Technologies & Institutions

No. BIRAC SRISTI PMU - 2017/006

Subject: Sanction Letter of BIRAC SRISTI GYTI Award

Date: 11th March 2017

To
Iftak Hussain
Deqpur University

You have been granted a sum of ₹15, 00, 000/- to further work on Project titled "**Smartphone Based Instrumentation for Water Quality Monitoring with Reference to Resource Poor Regions**".

You need to sign an agreement called Award Letter Agreement (ALA) which must contain the relevant Annexures for Specific objective, Plan of work (Activities, Time Period & Milestones) and Output. The ALA had already been sent to you.

The grant will be released after signing of ALA.

Project Period: 2 Years (4 Semester, 1 Semester = 6 months)

Release of The Grant: In four instalments

i. 25% (₹3, 75, 000/-) after the signing of ALA
ii. Next 75% (₹11, 25, 000/-) in other three instalments of 25% each after every six months on completion of at least 80% of that semester's work as per milestones

You are required to submit the following:

i. Progress Report after every six months
ii. Audited Expenses Report (Utilization Certificate – UC) after every six months and at the end of the project period
iii. Final Project Report at the end of the project period

You are also required to return the unutilized grant at the end of the project period.

On successful completion of the project work, you will be issued a Project Completion Certificate from SRISTI.

Thanking you

Dr. Nirmal S Sahay
BIRAC SRISTI PMU

SRISTI
Near Hostel Campus,
University Library & SBI bank.
Ahmedabad - 380 009
Ph No. 079-2791 3293, 2791 2792, web: www.sristi.org, Email: info@sristi.org, home@sristi.org
"SRISTI" Trust Regd No. F 3538/AHMEDABAD (BOMBAY PUBLIC TRUST ACT 1950)

SRISTI

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AWARD LETTER AGREEMENT

THIS AGREEMENT made on this 20th day of February 2017, between SRISTI, **Society for Research and Initiatives for Sustainable Technologies and Institutions** (hereinafter called as SRISTI), a non-profit organization having its office at AES Boys Hostel Campus, Near Gujarat University Library & SBI, Navrangpura, Ahmedabad-380009, Gujarat, India; of the ONE PART and **Mr. Iftak Hussain**, research student, **Dr. Kamaluddin Ahamad** and **Dr. Pabitra Nath (Supervisor)**; **Tezpur University, Assam** ; hereinafter called AWARDEE of the OTHER PART:

Whereas, SRISTI is an organization set up with the objective of strengthening the capacity of grassroots and student, inventors, innovators and ecopreneurs in the area of conserving biodiversity and developing eco-friendly solution to local problems; is engaged *inter alia* in the area search, documentation, experimentation, development, diffusion of sustainable technologies and Techpedia, a Sristi initiative aims at putting the problems of micro, small and medium enterprises, informal sector, grassroots innovators and other social sectors on the agenda of the young technology students across the country.

Whereas to promote the culture of innovation amongst the young minds of the country, SRISTI established three national awards for innovative student/faculty projects in engineering, pharmacy, science and applied technologies since 2012 in the name of Gandhian Young Technological Innovation Award (GYTI). Realising the need of the hour and looking at the innovation potential of awardees, Biotechnology Industry Research Assistance Council (BIRAC), a Government of India Enterprise of Department of Biotechnology (DBT), New Delhi has decided to give BIRAC-SRISTI GYTI Awards and BIRAC-SRISTI Appreciation Awards (hereinafter referred to as "Program" jointly or severally) administered through the Project Management Unit (PMU-BIRAC- SRISTI) at SRISTI.

WHEREAS **Iftak Hussain** R/o **Dergaon (Assam)**, studying/ working at **Tezpur University (Institute/ University)** has been selected for BIRAC-SRISTI GYTI Award for the research Project titled "**Low cost and field-portable smartphone platform water testing kit for detection and analysis of contaminants in drinking water**", hereinafter referred to as PROJECT and Appended herein as Annexure-I WHEREAS all the Annexures to this Agreement shall be read as integral part of the Agreement.

AND WHEREAS both SRISTI and the Awardee together shall be referred to as Parties.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into this AWARD LETTER AGREEMENT, hereinafter referred to as "ALA" as provided hereunder:

1. The Awardee will communicate with Coordinator, Project Management Unit (PMU-BIRAC-SRISTI) on pmugvti@sristi.org

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II. The Awardee shall undertake the activities as set out in the Project and shall confirm to the detailed plan of work, specified objectives, outputs, milestones, and targets as detailed in *Annexure-I*.

III. The sanction of the Award fund is subject to due submission of the expected time period of completion (months), details of expenses under suitable heads, with no objection of Supervisor/Guide along with the bank account details for remitting instalments of award money.

IV. SRISTI will transfer the award fund to the account details provided by the Awardee. To ensure proper utilisation of the fund, it will be necessary to send the utilisation certificate yearly and after the completion of the project duly signed by the team member as and when required. A team member may not include faculty supervisor.

V. The Awardee will maintain a logbook of activities based upon the standard good laboratory practice (GLP). A timeline of work plan will also have to be provided in the logbook.

VI. Where ever required the Supervisor/Guide of the awardee will be informed about the decisions made during the project. Since the team members of the project may vary within a time frame of two years, Supervisor/Guide will ensure to give suitable credits to each contributor during or after the period of the research/project.

VII. The Awardee may induct their colleagues and juniors interested in the project to take the innovation forward. However, if desired the Supervisor / Guide should be informed before such induction.

VIII. The Awardee will be responsible for ensuring that the best ethical practices are followed during the project implementation.

IX. The Awardee is allowed to take the help (*pro-bono* or on payment basis) of external agencies/ laboratories/ scientific experts during the course of their research / project support. However, complete outsourcing of work will not be allowed. This should be clearly mentioned in the details of expenses under the head 'Outsourcing'.

X. There will be an online monitoring of the project progress; the Awardee will be required to upload the progress on regular basis. However, the review of the progress will be on half yearly / yearly basis.

XI. The Awardee will submit a 15-20 pages' final report about the achievements at the end of the Project period.

XII. The Awardee should comply with the Institutional IP Policy if required by the institution concerned.

XIII. If any Intellectual Property (IP) is generated during the course of Project (Project IP), it should be duly informed to SRISTI and BIRAC without any delay.

XIV. BIRAC and SRISTI will not seek any financial benefit from the outcome of the projects in licensing/technology transfer. However, it will be obligatory to acknowledge the BIRAC SRISTI GYTI Award, 2017 in any publications or IP generated from this support.

XV. If the Awardee is applying for licensing of their Project IP, it will be necessary for them to inform SRISTI.

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XVI. The Awardee may apply for funding support to other agencies including BIRAC, under intimation to the Supervisor/Guide, SRISTI and BIRAC.

XVII. If the Awardee has any parallel funding support, or they are in collaboration with any other funding agency, the terms and conditions of the collaboration will have to be shared clearly with SRISTI before execution of this ALA. The Awardee cannot avail support from two funding agencies for the same task/objective/project at the same time. The BIRAC-SRISTI GYTI Award, 2017 shall have exclusive deliverable though it may be part of a long-term research work.

Settlement of disputes:

Any difference or dispute between the parties or Awardee & Supervisor/Guide concerning the interpretation and/or implementation and/or application of any of the provisions of this agreement shall first be settled amicably through mutual consultation and/or negotiations between the parties; else President SRISTI/MD BIRAC / CIO-NIF may be invited as an arbitrator.

Revision, variation and amendment

The awardee may request in writing a revision, variation or amendment of this agreement.

Any such revision, variation or amendment agreed to by the parties shall be in writing and shall form part of this agreement.

Such revision, variation or amendment shall come into force on such date as may be determined by the parties.

In **witness whereof,** the undersigned, being duly authorised by their respective organisations, to sign this agreement on the date as above written.

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FILE NO. EMR/2016/004001

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 14-Mar-2017

Subject Financial Sanction of the research project titled **"Study on the role of protein arginylation in regulation of adipo-osteogenic differentiation"** under the guidance of Dr. Sougata Saha, Molecular Biology and Biotechnology, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 5071740/-** (Rs. Fifty Lakh Seventy One Thousand Seven Hundred and Forty **Only)** with break-up of **Rs. 982140/- under Capital (Non-recurring) head** and **Rs.4089600/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 5071740/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Fluorescent microscope (up-gradation of phase contrast microscope)	982140
A'	Total (Non-Recurring)	**982140**
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	3629600
2	Recurring - B : (Overhead Charges)	460000
B'	Total (Recurring)	**4089600**
C	**Total cost of the project (A' + B')**	**5071740**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 982000/-** (Rupees Nine Lakh Eighty Two Thousand only) under 'Grants for creation of capital assets' and **Rs. 50000/-** (Rupees Fifty Thousand only) under 'Grants-in-aid General' to **Vice-Chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **02 March, 2017** and vide Diary No. **SERB/F/8964/2016-17** dated **03 March, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1032000/-** (Rupees Ten Lakh Thirty Two Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	REGISTRAR, TEZPUR UNIVERSITY
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM 784001
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	bpathak@tezu.ernet.in
Email id of PI	sougata@tezu.ernet.in

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/004001 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Sougata Saha** **Molecular Biology and Biotechnology** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email:** sougata@tezu.ernet.in **Mobile:** 919954471698 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Vice-Chancellor,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

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FILE NO. EMR/2016/002609

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled **"Utilization of textile industry sludge through application of vermitechnology: An in-sight on metal accumulation potential of earthworms"** under the guidance of Dr. SatyaSundar Bhattacharya, Environmental Sc., Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. Sanjay Pratihar, Assistant Professor(Inspire), Chemical Science, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 5760600/- (Rs.** Fifty Seven Lakh Sixty Thousand Six Hundred **Only)** with break-up of **Rs. *3008000/-* under Capital (Non-recurring) head** and **Rs.*2752600/-* under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 5760600/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Fluroscence spectrophotometer -> Microtome cutter with paraffin bath chamber -> Table top centrifuge -> Homogenizer -> Lyophilizer	3008000
A'	*Total (Non-Recurring)*	***3008000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2229600
2	Recurring - B : (Overhead Charges)	523000
B'	*Total (Recurring)*	***2752600***
C	**Total cost of the project (A' + B')**	**5760600**

2. Sanction of the **SERB** is also accorded to the payment of

Rs. 3008000/- (Rupees Thirty Lakh Eight Thousand only) under 'Grants for creation of capital assets' and **Rs. 100000/-** (Rupees One Lakh only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Animal Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **24 March, 2017** and vide Diary No. **SERB/F/9941/2016-17** dated **25 March, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3108000/-** (Rupees Thirty One Lakh Eight Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM-784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**biren@tezu.ernet.in**
Email id of PI	**evssatya@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/002609 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Doyil T Vengayil)
Scientist E
ms_as@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.

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Purchased by	:	DIRECTOR NATIONAL MISSION FOR MANUSCRIPT
Description of Document	:	Article 58 Memorandum of Settlement
Property Description	:	Not Applicable
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Stamp Duty Amount(Rs.)	:	10 (Ten only)

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Memorandum of Understanding Between National Mission for Manuscripts

And

Dept. of Cultural Studies, Tezpur University, Tezpur (Designated by the Mission as Manuscript Conservation Centre)

Name of the Project: **Commissioning tasks pertaining to Preservation and Conservation of Manuscripts for National Mission for Manuscripts.**

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This Memorandum of Understanding (MOU) is made on the First day of April in the year Two Thousand Seventeen between the National Mission for Manuscripts, Indira Gandhi National Centre for the Arts, 11, Mansingh Road, New Delhi – 110001 hereinafter referred to as NMM, which expression, unless repugnant to the context, shall include its successors, agents and assignees of the first part and ..Jagpur..University..... which expression, unless repugnant to the context, shall include its successors, agents and assignees of the other part hereinafter referred to as ..... MCC, whereby the NMM and ..Jagpur..University MCC will collaborate on the projects on Conservation of Manuscripts written on various materials (Organic, Inorganic and Composite Materials such as Paper, Cloth, Palm leaves, Birch bark, Sanchi Pat, Papyrus, Parchment, Leather, Vellum, Metal, Ivory, etc.) and related documents including Preventive and Remedial Conservation, Training, Workshop and Awareness Programmes, on Conservation in institutions and private collections.

Scope:

The responsibilities of ..Jagpur..University.. MCC are preservation and conservation of manuscripts related activities such as:-

- Creating a conservation nucleus in their station of ...Jagpur...Assam.....
- Preventive care and Remedial conservation of manuscripts (institutional as well as private collections and at such places where manuscripts are located) in the surrounding areas, giving preference to their own collection.
- Any other responsibility to be taken up through mutual understanding between NMM and the respective MCC and with other MCCs of the state.
- The output of MCCs shall be as follows:

    - The MCCs situated in North East and Hill areas should conserve at least 200 folios through remedial (curative) conservation along with 2000 folios through preventive conservation in a month. Yearly output of MCCs situated in plain areas should not be less than 2400 folios through remedial (curative) conservation and 24000 folios through preventive conservation.

- Additional staff may be engaged with prior permission of the Director, NMM according to the workload on the MCC but within the maximum limit of the annual grant.

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The duration of the project is 3 (Three) years commencing from 01-04-2017 up to 31-03-2020. However, NMM reserves the right to extend or discontinue this MOU and MCC status on the same or modified terms and conditions. The monthly report of the project will be submitted to the Director NMM at the end of every month in electronic format or preferably in print format.

Human Resources & Remunerations:

Head, Department of Cultural Studies will be the Project Coordinator on Conservation. There will be one conservation team consisting of the following:

1. **Project Coordinator (MCC):** No new appointment will be made for the Project Coordinator (MCC) but an existing staff, Head of Department / officer of the institution concerned will be made in-charge of the responsibility. The Project Coordinator will be solely responsible for the work undertaken by the MCC. NMM will not deal directly with personnel assigned for such work as survey, documentation. cataloguing, etc. In the event of relinquishing charge by the Project Coordinator new appointment will be made for the same in consultation with NMM. Honorarium to Project Coordinator shall not exceed ₹ 6,000/- per month.

2. **Conservator:** One Conservator with educational Qualification of Master degree in Art Conservation / Master degree in Fine arts / Master degree Science having chemistry as subject in graduation or in relevant subject to conservation of manuscripts. Training in the Conservation of manuscripts and art objects from a reputed institution of National level with a period not less than six months along with three years' experience of conservation of manuscripts in a museum or any reputed institution can be appointed with monthly remuneration of ₹ 15,000/- as well as with admissible T.A. and D.A. as per the concern state within a ceiling of maximum ₹ 2,000/- per month.

3. **Assistant Conservator:** One Assistant Conservator with educational qualification Graduation with Science chemistry / Graduation with Fine Arts or relevant subject to conservation, Training in the Conservation of manuscripts/art objects from a reputed institution of National level with a period not less than six months along with two years' experience of conservation of manuscripts in a museum or any reputed institution can be appointed with monthly remuneration of ₹ 12,000/- per month..

4. **Technical Assistant:** One Technical Assistant with educational qualification of Bachelor degree with Computer Knowledge and six month experience of conservation can be appointed with monthly remuneration of ₹ 8,000/- per month

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The proposed target for preventive conservation is 24000 folios and remedial conservation are 2400 folios per year (i.e. 1: 10 ratio) in said fund of is Rs. 7, 00,000/ (Seven lakhs) per year.

Regarding derailment of staff for training etc. The quantum of work may be divided by 30 and the work for the number of days of participation in the training may be regulated accordingly.

For example: One conservator takes part in a workshop for 10 days:

Work for one month = 200+2000/one team
Work for one day. for a single person = (3+26)/ 1P
Work for 10 days = (30+260) 10 - 30+260

In case remedial conservation is done for 30 folios and Preventive Conservation is done for 260 folios, the conservator can be paid full remuneration.

Payment Procedure:

The payment will be disbursed in three installments to the concerned MCC:

- The first instalment of Rs. 2.5 lakha (Rupees two lakhs fifty thousand only) will be released on signing of the MoU.

- Second instalment of Rs. 2.5 lakhs (Rupees two lakhs fifty thousand only) will be released on furnishing of GFR-19A, Account statement, Copy of voucher for the expenditure of not less than 80% of the amount released as first instalment and statement of account

- Third instalment of Rs. 2 lakhs (Rupees two lakhs only) will be released on furnishing of Utilization Certificate in form GFR-19A, Account statement, Copy of voucher for the expenditure of not less than 80% of the amount released as second instalment and statement of account

- The payment of remunerations, honorariums, and other experience shall be made through digital mode. The statement of accounts duly supported by receipts, detailed of payment accounts and copy of vouchers, shall be submitted. All payments, except petty payments less then Rs. 2,000/- , must be made through electronic clearing system or by cheque.

Reporting:

Comprehensive monthly report in electronic form or in print form as per the prescribed performs The report will include such items as details on preventive and remedial conservation of manuscripts in institutions and private collections. as well as on

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Finance:

NMM shall pay up to ₹ 7, 00,000/- (Rupees seven lakhs only) during the financial year. A separate Bank Account, preferably in Canara Bank branch, to be styled as

NMM – Project Coordinator .Jaipur...University. MCC to be opened and operated jointly by two signatory's vis-à-vis Project Coordinator and any one of the signatories as authorized by the Head of the Institute or as a separate head in the same institution to be operate as per the MCC's requirement.

The project coordinator shall report immediately to the NMM, in case he/she or his/her institution decides to close the MCC or for any other reason the work of the MCC is stopped at his/her institution, failing which the NMM shall charge interest at a rate of 10% p.a. on the un-utilized balance amount pending with the MCC.

The Project Coordinator shall be responsible for the control of expenditure against the funds needed by MCC.

Expenditures of the MCC will cover establishment expenses (New MCCs only), as well as Remunerations & Honorariums of all staff-members, Office Maintenance Expenses, Photography, Stationeries, Printing / Xerox of documents, Phone, Fax and Internet, T.A. and D.A. of staff-members etc.

- For setting up conservation laboratory where such infrastructure is not available (one-time expenditure) applicable in the case of new MCC.
- The newly established MCC can only utilize an amount of maximum ₹ 1, 50,000/- (One Lakh fifty thousand only) towards establishment of laboratory and purchasing of chemical, conservation equipments and materials, Camera, Connection of Telephone and Internet etc. against which no output will be claimed.
- The initial grant to the new MCC shall ₹ 2, 50,000/- but the total amount of grant for the year shall be remain unchanged i.e. Rs. 7 lakh only.
- The MCC can spend ₹ 10,000/- (Ten Thousand only) for the Awareness Programme on Conservation of manuscripts and maximum two such Awareness Programme can be conducted in each year.
- For the contingencies/conveyance expenditure etc. Of the Project Coordinator (not to exceed a maximum of Rs. 3,000 per month)
- Remuneration of the conservation team will be regulated as under:

Remedial Conservation	-	200 folios (in a month with one team)
Preventive conservation	-	2400 folios (i.e 1; 10 ratio)
Conservator	-	17,000/- per month
Asst Conservator	-	12,000/- per month
Technical Asst	-	8,000/-per month.

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training and awareness campaigns/workshops conducted in the area. In addition a Monthly Report indicating quantum of work done along with certification addressed to NMM from the concerned institution where the conservation work has been carried must be sent.

NMM will have to be given information in advance for organizing Awareness Program by the MCC and a report thereof will be submitted by the MCC.

Terms of Contract:

i) The output of the project described in the agreement, together with the materials used or unused, purchased by Jaipur University MCC through utilizing the NMM fund is to be submitted by Project Coordinator to the NMM.

ii) The non-recurring items shall be entered in the project stock register. NMM will share copyright over the materials and will be fully entitled to use the same.

iii) NMM will have the right to foreclose the project at any time after recording the reasons. If, however, the project is foreclosed by Jaipur University MCC, Project Coordinator or the Head of the Institution for whatever reason, which in the opinion of NMM is not justified, the amount of pending advance with interest along with the project assets will be recoverable from Jaipur University..... MCC, Project Coordinator and/or the Head of the Institution. The decision of NMM Executive Committee in this matter shall be final and binding.

iv) At the end of the financial year the MCC will furnish Annual Progress Report complete in all respects along with the Annual Audit Report.

v) The MOU shall not be altered, varied or modified, nor any of its provision waived otherwise than by writing signed by both the parties hereto.

vi) In the event of any dispute arising under, in connection with, incidental to, and / or in interpretation of scope of this MOU or relating thereto, the same shall be referred to a Sole Arbitrator appointed by the Director, NMM and the decision of the Arbitrator shall be final and conclusive. The provisions of the Arbitration and conciliation Act, and the statutory modifications amendments and / or re-enactment thereof from time to time shall apply to such arbitration. The place of arbitration shall be at Delhi / New Delhi. The language to be used is arbitral proceedings shall be English and the parties shall bear and pay their own costs, charges and expenses of the proceedings for the arbitration.

vii) The MOU will be subject to review at the time of disbursal of the second installment and the MCC will operate a separate account/head for the purpose of NMM.

viii) The project would be subject to assessment and review periodically. As regards the money receipts and payments, the same will be governed by Financial Rules of the Central Government.

ix) Separate guidelines issued by the NMM will form part of this MOU

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The Courts in Delhi / New Delhi shall have the jurisdiction in respect of all matters, disputes or differences arising out of this MOU.

xi) This MOU, its existence and all information exchanged between the parties under this MOU shall not be disclosed to any person by the MCC. The MCC shall hold in strictest confidence and shall not use or disclose to any third party and shall take all necessary precautions to secure any confidential information of the other party.

xii) Except as specifically set forth herein, the rights and obligations hereunder cannot be assigned by MCC to any other party without the prior written consent of NMM.

In WITNESS WHEREOF, THE NMM AND THE ..TEZPUR...UNIVERSITY..MCC have executed this MOU on the day, month and the year mentioned above.

Signed by

Birjit Das
Registrar
Tezpur University
Tezpur-784028 Assam

For and on behalf of

TEZPUR UNIVERSITY

National Mission for Manuscripts

WITNESS :

1. (UPAKUL SARMAH)
Assistant Registrar (G+)
Tezpur University, Assam

2. (SUBHRA DEVI)
Assistant Librarian
[illegible] Cultural Studies

WITNESS:

1.

2. Sanghamitra Barua

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

EXTRAMURAL RESEARCH DIVISION

CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 01(2912)/17/EMR-II

Dated : 03-05-17

From : Head, Human Resources Development Group

To

PROF ASHWINI K PHUKAN
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :COMPUTATIONAL DESIGN OF FUNCTIONAL AND STRUCTURAL MIMICS OF THE ACTIVE SITE OF (FeFe)-HYDROGENASE

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	NIL		
III	Contingency (per annum in ₹)	1st Year : 80,000	2nd Year : 80,000	3rd Year :80,000
IV	Equipment (lumpsum in ₹)	3,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	0
II	Contingency	73,333
III	Equipment	3,00,000
	Total :	**3,73,333**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/Principal/Director Tezpur Univ., Napaam, Assam-784028. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 02(0306)/17/EMR-II
From : Head, Human Resources Development Group

Dated : 05-05-2017

To

DR SAJAL KUMAR DAS
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :ASYMMETRIC TOTAL SYNTHESIS OF MARINE NATURAL PRODUCTS AMMONIFICINS A-D AND THEIR ANALOGS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA/JRF/SRF		
III	Contingency (per annum in ₹)	1st Year : 3,00,000	2nd Year : 3,00,000	3rd Year :3,00,000
IV	Equipment (lumpsum in ₹)	3,89,000 (LS)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	3,96,000
II	Contingency	2,75,000
III	Equipment	3,89,000 (LS)
	Total :	**10,60,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar ~~Principal/Director~~, Tezpur University, NAPAAM-784028 (Assam) The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

EXTRAMURAL RESEARCH DIVISION

CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 02(0312)/17/EMR-II

Dated : 05-05-2017

From : Head, Human Resources Development Group

To

PROF SWAPAN K DOLUI
DEPT OF CHEMICAL SC
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :FUNCTIONALIZED GRAPHENE BASED NANOCOMPOSITES AND THEIR ELECTROCATALYTIC APPLICATIONS IN DIRECT METHANOL FUEL CELLS.

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	1-RA / JRF / SRF		
III	Contingency (per annum in ₹)	1st Year : 2,00,000	2nd Year : 2,00,000	3rd Year :2,00,000
IV	Equipment (lumpsum in ₹)	5,00,000 (CLS)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	3,96,000
II	Contingency	1,83,333
III	Equipment	5,00,000
	Total :	**10,79,333**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Principal/Director~~, Tezpur Univ., Tezpur-784028 (Assam) The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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REGISTERE

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 03(1412)/17/EMR-II
From : Head, Human Resources Development Group

Dated : 7.5.2017

To
DR(MS) RUPJYOTI GOGOI
DEPT OF PHYSICS
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :A MULTIWAVELENGTH STUDY OF ACTIVE GALACTIC NUCLEI AND X-RAY SOURCES

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	1-RA / SRF / JRF - as none		
III	Contingency (per annum in ₹)	1st Year : 1,00,000	2nd Year : 1,00,000	3rd Year :1,00,000
IV	Equipment (lumpsum in ₹)	2,00,000 (1st)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	3.96.000
II	Contingency	91.667
III	Equipment	2.00.000
	Total :	**6,87,667**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Principal/Director~~ Tezpur Univ, Napaam - 784028 Assam. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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No. DST/TM/WTI/2K16/95 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Mission Division)

Technology Bhavan, New Delhi
Dated: 15.05.2017

Sanction Order

Subject: Financial support for project entitled "**Decentralized water treatment for removal of arsenic, fluoride and mercury from drinking water**" submitted by **Dr. Robin Kumar Dutta, Tezpur University, Tezpur, Assam.**

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of IRS. *1,00,51,200/-* (***Rupees one crore fifty one thousand two hundred only***) for a duration of 3 years. The detailed breakup of the grant for General as well as Capital Components are given below:

General Component: Rs. **61,51,200/-**

Capital Component: Rs. **39,00,000 /-**

S.No	Item	(Amounts are in lakhs)			
		1st Year	2nd Year	3rd Year	Total
1.	**Captial-**				
	a) Atomic Absorption Spectrophotometer (with 5 year AMC) (no. 1)	30.00	-	-	30.00
	b) Ion meter (with ion selective electrodes) (no. 1)	3.00	-	-	3.00
	c) Peristaltic pumps (no. 3)	3.00	-	-	3.00
	d) Pulverizer (no. 1)	1.00	-	-	1.00
	e) Hot-air Oven (no. 1)	1.00	-	-	1.00
	f) PC & Printer (no. 1)	1.00	-	-	1.00
A	**Total**	**39.00**	-	-	**39.00**
2.	Manpower a. JRF (no. 6)	9.504	9.504	9.504	28.512
3.	Other Costs (Workshop and training programs, patenting)	11.00	3.00	4.00	18.00
4.	Consumables	2.50	1.50	2.00	6.00
5.	Travel	1.50	0.50	1.00	3.00
6.	Contingencies	1.50	0.50	1.00	3.00
7.	Overhead Charges	1.00	1.00	1.00	3.00
B	**Total**	**27.004**	**16.004**	**18.504**	**61.512**
	Total (A+B)	***66.004***	**16.004**	**18.504**	***100.512***

2. The sanction of the President is also accorded to the release of IRS. *27,00,400/-* (Rupees Twenty seven lakh four hundred only) to **The Registrar, Tezpur University** being the first instalment of grant under "General Component" for implementation of the above mentioned project.

Sc. E
15/5/2017

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3. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

a. A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:

b. While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents

7. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organisation, which will be adjusted towards future release of grant.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

10. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

13. The expenditure involved is debitable to-

Demand No 84 Department of Science and Technology for the year 2017-18
3425 Other Scientific Research (Major Head)
60 Others

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60.200 Assistance to Other Scientific Bodies (Minor head)
70 Innovation, Technology Development and Deployment
70.00.31 Grants-in-aid General for the year 2017-2018(Plan) (WE)
(Previous: TDP- 3425.60 200.26.01.31- (SERI/WTI)

14. The amount of **IRS. *27,00,400/-* (Rupees Twenty seven lakh four hundred only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **The Registrar, Tezpur University**. The bank details for electronic transfer of funds through RTGS are given below:-

Name of the Account Holder	The Registrar, Tezpur University
Name of the bank	United Bank of India
Branch Address	Main Branch, Tezpur, State Bank of India, Lake Road, Tezpur, Sonitpur, Assam-784001
IFSC code	SBIN0000195
MICR code	784002002
Account Number	30448821505

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No...5.5.... (TMD,WE) in the register of grants maintained in the Division for the scheme (ITDD).

16. The organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science and Technology should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraph of their Annual Report.

17. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester (www.sciencecentral.in) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.

18. This issues with the concurrence of IFD Vide their Concurrence Dy. No.**412**. dated.**15.05.2017**.

(Dr. Neelima Alam)
Scientist-E
Email: neelima.alam@nic.in

To
The Pay and Accounts Officer, DST, New Delhi.
Copy for information and necessary action to:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, Department of Science & Technology, New Delhi.
4. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
5. **Dr. Robin Kumar Dutta**
   Professor
   Department of Chemical Sciences
   Tezpur University, Tezpur 784 028, Assam
   Email : robind@tezu.ernet.in
6. Sanction folder
7. Office Copy
8. Associate Head- TMD

(Dr. Neelima Alam)
Scientist-E

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(16)

From: "Dr. Robin Kumar Dutta" <robind@tezu.ernet.in>
Subject: Extension of JRF for extended period of project No: DST/TM/WTI/2K16/95 (G)]
Date: Fri, May 22, 2020 10:47 pm
To: deanrnd@tezu.ernet.in

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 26/5/2020
RECEIPT NO 4517
SIGNATURE

Reference: Project Registration No. DoRD/Chem Sc/RKD/20-326
Title: "Decentralized water treatment for removal of arsenic..... water"

Respected Sir,

I would like to inform you that the DST-sponsored project mentioned above has been extended by six months till 15 December 2020 as may be seen in the trailing email from DST.

I request you kindly to extend the tenure of the following three of the five existing JRsF mentioned below for two months, i.e., till 15 July:
(1) Mr. Krishnakamal Hazarika
(2) Ms. Tushmita Das
(3) Mr. Shamiran Baroi

To my knowledge, enough fund fund is available in the project, including salary head, which can be utilized in the extended period. As I cannot give you the exact figures of the amount available in the salary head, I a requesting you to extend service of only three of them and for only two months. The services of the other two JRF, namely, Mr. Manaskam Kakoti and Mr. Trishanku Bhuyan have automatically come to an end on 14 may 2020, the date of original completion date. Another JRF, Mr. Asadulla Asraf Ali has already resigned w.e.f. 28 April 2020.

I shall let you know the exact fund situation after lifting of lock-down and accordingly request you for further extension.

I request you kindly to issue extension orders to all three of them with a condition of "subject to availability of fund".

Kind regards,
Robin Dutta
--
Dr. Robin Kumar Dutta
Professor, Department of Chemical Sciences
Tezpur University, Tezpur 784 028, Assam, INDIA
Ph: +91 3712 275055 (O)

HD
26/5/20

---------- Original Message ----------
Subject: Approval for extension of project No: DST/TM/WTI/2K16/95 (G)
From: "Sanjay Bajpai" <sbajpai@nic.in>
Date: Fri, March 27, 2020 12:01 pm
To: robind@tezu.ernet.in
Cc: "neelima.alam" <neelima.alam@nic.in>
sanjai.tyagi@nic.gov

Dear Prof Dutta,

This is with reference to your request for extending the project upto 14th November 2020. In view of the societal importance of the project and reasons given for seeking extension and also in view of Covid-19 lockdown after your request , DST approves extension upto 15th December 2020 (i.e. 6 months beyond scheduled date) without any additional financial implication.

With best regards,

Dr Sanjay Bajpai , FNAE
Scientist-G & Head

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, Vishwanath
it Director I/c (RP)
6690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
Aruna Asaf Ali Marg, New Delhi - 110067
EPABX: 26741849-51 Fax: 91-11-26741836
rpr@icssr.org

No. 02/285/ST/2016-17/RP

Dated: 30.03.2017

Office of the Registr
Receipt No ...771...
Date ...16/5/17...
Received by .....

he Registrar,
ezpur University,
apaam, Tezpur-784028,
ssam

ubject: Sanction of Responsive Research Project entitled "A Study on the Acculturation Process of the Missing Tribe of Assam and Arunachal Pradesh to Dr. Uttam Kumar Pegu".

ear Sir,

The Indian Council of Social Science Research (ICSSR) considered the bove research project submitted by Dr. Uttam Kumar Pegu, Senior ssistant Professor, Department of Mass Communication & Journalism, ezpur University, Napaam, Tezpur-784028, Sonitpur, Assam.

The Study, as proposed by the researcher/(s), is to be located at and nancially administered by your institution as per the guidelines of this ward.

The ICSSR has sanctioned a grant-in-aid of Rs. 4,00,000/- upees four lakh only) for the above research project and the grant will be leased as follows:

First installment:	Rs.	1,60,000/-
Second installment:	Rs.	1,60,000/-
Final installment:	Rs.	80,000/-
Total	**Rs.**	**4,00,000/-**

he break-up budget approved by the ICSSR of Rs. 4.00 Lakh is enclosed.

Cont'd...2/-

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(3)

The First installment of the approved grant-in-aid will be released after eceiving the grant-in-aid bill duly filled in, stamped and signed by the Project)irector as well as the affiliating organization. (GIB already received).

In case, the study involves survey research, the finalized schedules/ uestionnaires (5 copies) designed to elicit information should be sent to the ICSSR s per the following schedule:

a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

The second installment would be released on receipt of the **12 monthly** rogress report on the project to be submitted by the Project Director in the rescribed format (enclosed) and simple statement of expenditure duly certified by ıe affiliating institution.

The Final installment will be released only after the receipt of the following ocuments under rule 1.10(3) of the ICSSR Research Grants and acceptance by the CSSR:

a) The final Report on the research project (in duplicate) in a publishable form.

b) A short summary of the project report in duplicate in 2,000-5,000 words.

c) Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives.

d) The audited statement of accounts for all expenditure incurred together with utilization certificate in GFR 19-A form for the entire amount of the sanctioned grant.

e) A statement of assets costing over Rs. 100/- and credit out of the project funds. Such assets are required to be donated to the affiliating organization after completion of the project.

The Director of the research project will be **Dr. Uttam Kumar Pegu.** Who will responsible for its completion within **24 Months** from the date of commencement the project, which is **25th May 2017** as intimated by the scholar.

In case, the Project Director does not submit the periodic/final project report per schedule with adequate justification, the scholar may be debarred from ailing all future financial assistance from ICSSR.

Cont'd...3/-

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(2)

1. All grants from ICSSR are subject to the general provision of GFR 2005 and in rticular with reference to the provision contained in GFR 209, GFR 210, GFR 211 d GFR 212.

2. The Project Director will ensure that the expenditure incurred by him conforms the approved budget heads. The grant-in-aid is subject to all the conditions laid wn in the ICSSR Research Grants scheme (responsive), available in the ICSSR bsite **www.icssr.org**

3. The expenditure on this account is debitable to the Budget Head-B ogrammes Research Grants-Plan **ST**. (10) Grant-in-aid for research project (s).

4. As per MHRD instruction, the amount of grant sanctioned herein is to be ilized by the end of the project duration. Any amount of the grant remaining spent shall be refunded to the ICSSR immediately after the expiry of the duration the project. If the grantee fails to utilize the grant for the purpose for which the me has been sanctioned/or fails to submit the audited statement of expenditure thin the stipulated period, the grantee will be required to refund the amount of the ant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath)
For Member Secretary

ncl: as above

opy to:

Dr. Uttam Kumar Pegu
Senior Assistant Professor,
Department of Mass Communication & Journalism,
Tezpur University,
Napaam, Tezpur-784028,
Sonitpur, Assam

Finance Branch, ICSSR, New Delhi

Record file

(Revathy Vishwanath)
For Member Secretary

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

EXTRAMURAL RESEARCH DIVISION

CSIR COMPLEX, PUSA, NEW DELHI - 110 012

Dated : 25/5/17

No. 38(1445)/17/EMR-II
From : Head, Human Resources Development Group

To

DR SATYA SUNDAR BHATTACHARYA
DEPT OF ENV SC
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :PROSPECT OF A NOVEL PROTEIN IN EARTHWORM GUT TO MINIMIZE HEAVY METAL RISK IN VERMICOMPOST FOR SUSTAINABLE CROP PRODUCTION

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA		
III	Contingency (per annum in ₹)	1st Year : 3,00,000	2nd Year : 3,00,000	3rd Year :3,00,000
IV	Equipment (lumpsum in ₹)	5,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	3,96,000
II	Contingency	2,75,000
III	Equipment	5,00,000
	Total :	**11,71,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)
25/5/17

Encl : As above

Copy to :- ✓
1. Registrar/Principal/Director Tezpur Univ. Tezpur-784028 (Assam). The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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ıvendra Narayan
Exec. Director
ory of Science)

INDIAN NATIONAL SCIENCE ACADEMY
Bahadur Shah Zafar Marg, New Delhi - 110 002
☎ 23221931 - 23221950 (EPABX), Fax : 91-11-23231095, 23235648
✉ : ijhs@insa.nic.in

(8)

No. HB/RC/ 568
Dated 5th June, 2017

Ref. : **"The Science and Technology of Manuscript writing-aids and Folk paintings in Medieval Assam"**

Dear Dr. Dutta,

The following grant has been sanctioned by the Academy for the year 2017-18 :

Recommended with the facilities of One Research Assistant @ Rs.14,000/- p.m. and Contingency & Travel of Rs. 60,000/ p.a and 10% overhead charges.

The period was restricted to 2 years only.

The grants in two half yearly installment will be released to the host institution on receipt of the claim bill in the enclosed proforma in triplicate.

1. This sanction is meant for full time research and a Certificate to this effect is required to be furnished.

2. The host institution shall send an audited statement of account at the end of each financial year along with the utilization certificate. The unspent grants at the end of the financial year would be adjusted against the grant to be released for the next year.

3. A detailed progress report of the research study (in five-six pages) shall be of utmost importance for considering the renewal of the project by the Commission.

Please acknowledge the receipt of the letter and communicate to undertake the above study and bill in triplicate for the first installment of the grants through the Head of the host Institution indicating the date from which you propose to commence the project work.

With kind regards,

Yours sincerely,

Mnarayan
(Madhvendra Narayan)

Professor Robin Kumar Dutta,
Department of Chemical Sciences
Tezpur University
Napaam
Tezpur-784028
Dist Sonitpur, Assam.

CC :
1. The Dean, Research & Development, Tezpur University, Tezpur 784028.
2. AED (Fin. & Admn.)
3. Office Copy

Prof. R. Dutta.
Congratulations!!
Please send us a copy of the proposal for registration of this project.
19/6/2017

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FILE NO. EMR/2016/005294

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 09-Jun-2017

ORDER

Subject: Financial Sanction of the research project titled **"Chemistry of Monovalent Group 13 and Divalent Group 14 Bases: A Theoretical Study"** under the guidance of Prof. Ashwini K. Phukan, Chemical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4377560/- (Rs.** Forty Three Lakh Seventy Seven Thousand Five Hundred and Sixty **Only)** with break-up of **Rs. *2500000/-* under Capital (Non-recurring) head** and **Rs.*1877560/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4377560/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> HPC Cluster -> UPS -> Laptop	2500000
A'	*Total (Non-Recurring)*	***2500000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1479600
2	Recurring - B : (Overhead Charges)	397960
B'	*Total (Recurring)*	***1877560***
C	**Total cost of the project (A' + B')**	**4377560**

2. Sanction of the **SERB** is also accorded to the payment of
Rs. 2500000/- (Rupees Twenty Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 625800/-** (Rupees Six Lakh Twenty Five Thousand Eight Hundred only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**
being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **26 May, 2017** and vide Diary No. **SERB/F/1403/2017-18** dated **06 June, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3125800/-** (Rupees Thirty One Lakh Twenty Five Thousand Eight Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R & D**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR,SONITPUR, ASSAM-784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**biren@tezu.ernet.in**
Email id of PI	**ashwini@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/005294 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

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FILE NO. EMR/2016/002108

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket 5, Vasant Kunj
New Delhi 110070

Dated 09 Jun 2017

ORDER

Subject: Financial Sanction of the research project titled "**Synthesis, characterization and investigation of physicochemical properties of specific ionic liquid (IL) based systems for evaluation of electrochemical and photocatalytic activities**" under the guidance of Dr Buli Borah, Chemical Sciences, Tezpur Central University, Napaam 784028, Assam, India , Department of chemical sciences, tezpur central university, Sonitpur, Assam 0
Release of 1st grant

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4432560/-** (**Rs. Forty Four Lakh Thirty Two Thousand Five Hundred and Sixty Only**) with break-up of **Rs. *2000000/-* under Capital (Non-recurring) head** and **Rs.*2432560/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4432560/-** has been approved are given below:
The following budget may be considered for **Tezpur Central University, Napaam-784028, Assam, India, Department Of Chemical Sciences, Tezpur Central University**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> UV/Visible spectrophotometer -> Ionic conductivity meter -> Karl-Fischer titrator -> Cyclic Voltammetry -> Rotary vacuum evaporator -> Digital Balance -> Minor equipment' -> Laser Printer -> Scanner	2000000
A'	*Total (Non-Recurring)*	***2000000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2029600
2	Recurring - B : (Overhead Charges)	402960
B'	*Total (Recurring)*	***2432560***
C	**Total cost of the project (A' + B')**	4432560

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 2000000/-** (Rupees Twenty Lakh only) under 'Grants for creation of capital assets' and **Rs. 810000/-** (Rupees Eight Lakh Ten Thousand only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, Tezpur Central University, Napaam-784028, Assam, India, Department Of Chemical Sciences, Tezpur Central University**

being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur Central University, Napaam-784028, Assam, India, Department Of Chemical Sciences, Tezpur Central University with the approval of the competent authority under delegated powers on **26 May, 2017** and vide Diary No. **SERB/F/1289/2017-18** dated **02 June, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 15 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB

10. The release amount of **Rs. 2810000/-** (Rupees Twenty Eight Lakh Ten Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Tezpur University R & D**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA State Bank of India, Main Branch, Tezpur, Lake Road, Tezpur,Sonitpur, Assam-784001, 91-3712-220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**ruli@tezu.ernet.in**

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/002108 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

5-6-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Ruli Borah** **Chemical Sciences** **Tezpur Central University, Napaam-784028, Assam, India , Department of chemical sciences, tezpur central university, Sonitpur, Assam-0** **Email: ruli@tezu.ernet.in** **Mobile: 919435380377** (Start date of the project may be intimated by name to the undersigned For guidance, terms & Conditions etc. Please visit www.serb.gov.in)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur Central University, Napaam-784028, Assam, India, Department Of Chemical Sciences, Tezpur Central University** (Receipt of Grant may be intimated by name to the undersigned)

5-6-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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Serial No... 935
Date of Receipt 21.06.2017
File No...
Received by ...

INDIAN NATIONAL SCIENCE ACADEMY
Bahadur Shah Zafar Marg, New Delhi - 110 002
☎ : 23221931 - 23221950 (EPABX), Fax : 91-11-23231095, 23235648
✉ : ijhs@insa.nic.in

dhvendra Narayan
Exec. Director
logy of Science)

No. HS/RC/ 606
Dated :9th June, 2017

13 JUN 2017

Ref. : ""Profiles in History of Science from North East India- A Delineation of One Scientist and Two Medical Institutions of the Region that Trace their Origins back to the 19th Century"

Dear Prof. Deka,

The following grant has been sanctioned by the Academy for the year 2017-18 :

Recommended with the facilities of Honorarium for Co-SPI @ Rs.30,000/- p.m. and Contingency & Travel of Rs. 60,000/ p.a.

The duration of the project was restricted to 2 years only.

The grants in two half yearly installment will be released to the host institution on receipt of the claim bill in the enclosed proforma in triplicate.

1. This sanction is meant for full time research and a Certificate to this effect is required to be furnished.

2. The host institution shall send an audited statement of account at the end of each financial year along with the utilization certificate. The unspent grants at the end of the financial year would be adjusted against the grant to be released for the next year.

3. A detailed progress report of the research study (in five-six pages) shall be of utmost importance for considering the renewal of the project by the Commission.

Please acknowledge the receipt of the letter and communicate to undertake the above study and bill in triplicate for the first installment of the grants through the Head of the host Institution indicating the date from which you propose to commence the project work.

With kind regards,

Yours sincerely,

Madhvendra Narayan
(Madhvendra Narayan)

Professor Ramesh Ch. Deka
Department of Chemical Sciences
Tezpur University, Napaam
Tezpur 784028.

CO PI : Dr. Gaurangi Maitra, DBT Nodal Cell for Medical Colleges and Biomedical Research Institutes of North East India, Tezpur University, Napaam, Tezpur-784028.

CC :
1. The Dean, Research & Dean, Tezpur University, Napaam, Tezpur 784028.
2. AED (Fin. & Admn.)
3. Office Copy

Prof. R.C. Deka → Please forward the project proposal, mention the total budget of the project & date of start for issuing registration no.
21/6/2017

FILE NO. ECR/2017/000740

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 27-Jun-2017

Subject: Financial Sanction of the research project titled "**Development of Eutrophication Model for Rural Water Bodies of Assam, India "** under the guidance of Dr. Kamal Uddin Ahamad, Civil Engineering, Tezpur Univesity , Tezpur university, napaam 784028, assam, india, Sonitpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2426710/-** (**Rs.** Twenty Four Lakh Twenty Six Thousand Seven Hundred and Ten **Only**) with break-up of **Rs. *670100*/- under Capital (Non-recurring) head** and **Rs.*1756610*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2426710/-** has been approved are given below:
The following budget may be considered for **Tezpur Univesity, Tezpur University, Napaam 784028, Assam, India**

S. No	Head	
A	**Non-recurring**	**Total (in Rs.)**
1	Equipment -> DO Meter -> UV-Visible Spectrophotometer -> BOD Incubator	670100
A'	*Total (Non-Recurring)*	***670100***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1536000
2	Recurring - B : (Overhead Charges)	220610
B'	*Total (Recurring)*	***1756610***
C	**Total cost of the project (A' + B')**	**2426710**

2. Sanction of the **SERB** is also accorded to the payment of
   - **Rs. 670100/-** (Rupees Six Lakh Seventy Thousand One Hundred only) under 'Grants for creation of capital assets' and **Rs. 585530/-** (Rupees Five Lakh Eighty Five Thousand Five Hundred and Thirty only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur Univesity, Tezpur University, Napaam 784028, Assam, India** being the first installment of the grant for the year 2017-2018 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Engineering Sciences)

4. The Sanction has been issued to Tezpur Univesity, Tezpur University, Napaam 784028, Assam, India with the approval of the competent authority under delegated powers on **16 June, 2017** and vide Diary No. **SERB/F/2010/2017-18** dated **22 June, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1255630/-** (Rupees Twelve Lakh Fifty Five Thousand Six Hundred and Thirty only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR TEZPUR UNIVESITY**
Account Number	**30448821505**

Bank Name & Branch	**STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM 784001, 91-3712-220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**k.ahamad@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2017/000740 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Kamal Uddin Ahamad** **Civil Engineering** **Tezpur Univesity , Tezpur university, napaam 784028, assam, india, Sonitpur, Assam-784028** **Email: k.ahamad@gmail.com** **Mobile: 919678071266** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR,** **Tezpur Univesity, Tezpur University, Napaam 784028, Assam, India** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan)
SCIENTIST-C
drvramesh@serb.gov.in

FILE NO. EMR/2016/005944

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 30-Jun-2017

Subject: Financial Sanction of the research project titled "**Site-specific Functionalization of Nitrogen based Heterocyclic moieties via C-H activation**" under the guidance of Dr. Utpal Bora, Chemical Sciences, Tezpur University , Napaam-784028, tezpur district sonitpur assam, Sonitpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4872560/-** (Rs. Forty Eight Lakh Seventy Two Thousand Five Hundred and Sixty Only) with break-up of Rs. *2100000/-* **under Capital (Non-recurring) head** and Rs.*2772560/-* **under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4872560/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Napaam-784028, Tezpur District Sonitpur Assam**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Organic Synthesizer Process Station -> Microwave synthesizer -> Rotavapour	2100000
A'	*Total (Non-Recurring)*	***2100000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2329600
2	Recurring - B : (Overhead Charges)	442960
B'	*Total (Recurring)*	***2772560***
C	**Total cost of the project (A' + B')**	**4872560**

2. Sanction of the **SERB** is also accorded to the payment of
   - **Rs. 2100000/-** (Rupees Twenty One Lakh only) under 'Grants for creation of capital assets' and **Rs. 923000/-** (Rupees Nine Lakh Twenty Three Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Napaam-784028, Tezpur District Sonitpur Assam**

   being the first installment of the grant for the year 2017-2018 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Organic Chemistry)

4. The Sanction has been issued to Tezpur University, Napaam-784028, Tezpur District Sonitpur Assam with the approval of the competent authority under delegated powers on **16 June, 2017** and vide Diary No. **SERB/F/1959/2017-18** dated **21 June, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3023000/-** (Rupees Thirty Lakh Twenty Three Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur,Sonitpur, Assam-784001, 9 L-3 7 L2-220592**

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IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	biren@tezu.ernet.in
Email id of PI	utbora@yahoo.co.in

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/005944 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

Monika Agarwal

(Dr. Monika Agarwal)
Scientist E
monika@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Utpal Bora** **Chemical Sciences** **Tezpur University , Napaam-784028, tezpur district sonitpur assam, Sonitpur, Assam-784028** **Email: utbora@yahoo.co.in** **Mobile: 919957640685** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Napaam-784028, Tezpur District Sonitpur Assam** (Receipt of Grant may be intimated by name to the undersigned)

Monika Agarwal

(Dr. Monika Agarwal)
Scientist E
monika@serb.gov.in

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भारतीय अन्तरिक्ष अनुसंधान संगठन
अन्तरिक्ष विभाग
भारत सरकार
अन्तरिक्ष भवन
न्यू बेल रोड, बेंगलूर – 560 231, भारत
दूरभाष : +91 80 2341 5474
फैक्स :

Dr. M. A. Paul
Dy. Director, RESPOND

Indian Space Research Organisation
Department of Space
Government of India
Antariksh Bhavan
New BEL Road, Bangalore - 560 231, India
Telphone : +91 80 2341 5474
Fax :

☎: 080-23415269/22172269
FAX-080-23412471
email: ddrespond@isro.gov.in

ISRO/RES/4/642/17-18

June 7, 2017

Dear Dr. Bhabesh Deka,

Subject: RESPOND Project - "Development of a Real-time Image Super –resolution System using Parallel Processing Hardware for Remote Sensing Applications" – reg.

This has reference to your submission of the above mentioned research proposal for funding under RESPOND Programme. The domain experts in Department of Space have reviewed the proposal. I wish to inform you that Chairman, ISRO / Secretary, DOS has approved the following:

1. Funding of the project under RESPOND Programme for a period of **Three Years** at a total outlay of **₹25.79 Lakhs (Rupees Twenty Five Lakhs and Seventy Nine Thousand only)** towards meeting the expenditure of the project (budget details enclosed).

2. Release of grant of **₹16.30 Lakhs (Rupees Sixteen Lakhs and Thirty Thousand only)** towards meeting the First Year expenditure of the project .

The approval is subject to fulfillment of the following:

(a) You will have to submit Annual Progress Report (APR), at the end of the year, indicating the progress of the work accomplished during the first year (to enable renewal of the project for second year). However, on conclusion of the project, you will have to send a comprehensive report covering total project activities. The copies of reports should be sent to **Director, NRSC, Hyderabad (Attn: Shri Srinivas RVN, Respond Coordinator, NRSC, Hyderabad)** and two copies to the undersigned.

(b) You will have to submit two copies of the Fund Utilization Certificate (FUC) and Audited Accounts Statement (AAS) on completion of the first year of the project (to enable renewal of the project for second year). On completion of the project, you have to send the final FUC and Audited Account Statement for the total expenditure incurred in the project.

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The FUC and AAS should be sent to the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560231; Director, NRSC, Hyderabad (Attn: Shri Srinivas RVN, Respond Coordinator, NRSC, Hyderabad) with a copy to the undersigned.

The Department of Space has already issued Financial sanction order for the approved grant (copy enclosed).

As per the revised fellowship norms, you have to appoint a person with PG Degree in Basic Science with NET or equivalent qualification or Graduate Degree in Professional course with NET/GATE or equivalent qualification or PG Degree in Professional course as JRF. You may kindly intimate us and send the details of JRF after appointment.

You are requested to send the enclosed Grant-In-Aid bill and Electronic Transfer Mandate Form duly filled and signed in original to the Pay and Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru 560 231 with a copy to the undersigned for releasing the grants (to Registrar, Tezpur University, Assam) at the earliest

With Regards,

Yours sincerely,

(M A Paul)

Dr. Bhabesh Deka
Associate Professor
Department of ECE
Tezpur University, Tezpur
Sonitpur : 784 028
Assam.

CC: Scientific Secretary, ISRO
Director, NRSC, Hyderabad
Vice Chancellor, Tezpur University, Tezpur, Assam
Registrar, Tezpur University, Tezpur, Assam
Ms. Archana Pragada, MRS&GDP, NRSC, Hyderabad
Shri Srinivas RVN, Respond Coordinator, NRSC, Hyderabad

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"krishnaiah_p" <krishnaiah_p@nrsc.gov.in>
ct: Re: Regarding Adjustment of Funds under TRAVELLING HEAD (ISRO/RES/4/642/17-18 dt. 07.06.2017)
Fri, March 12, 2021 12:38 pm
"Prof. Bhabesh Deka" <bdeka@tezu.ernet.in>
"avv >> PRASAD A V V" <prasad_avv@nrsc.gov.in>

Sir,

e find the recommendations of RESPOND committee for your reference.

ds..
naiah

-03-2021 11:57, Prof. Bhabesh Deka wrote:
r Sir,

reference to our Respond project titled "Development of a Real-time
ge Super-Resolution System using Parallel Processing Hardware for
ote Sensing Applications (ISRO/RES/4/642/17-18 dt. 07.06.2017)", I
ld like to inform you that our project was extended up to March 31,
1 due to the COVID 19 pandemic without extra budgetary allotment for
lowships and other recurring heads.

the fellowship grant was up to September 2020, the SRF is working till
e without fellowships, who is also pursuing her PhD under my
ervision. Since, the remaining works under the RESPOND project have to
completed by 31 March 2021 and submit the final report thereafter, the
needs to work under the project until the completion of the project.
ever, we do not have any FELLOWSHIP grant left under the project funds.

this situation, since we did not travel for presentation of our
gress in the last year 2020, which was held online in September 2020, I
uest your kind self to allow us to adjust the unspent remaining amount
er ''Travelling" Head of the Recurring Expenditure Released during the
2019-20 for releasing Fellowships for the SRF for 2 (TWO) months.

s is for your information and approval please.

---

r Sir,

sonal Greetings!!

reference to our Respond project titled "Development of a Real-time
ge Super-Resolution System using Parallel Processing Hardware for
ote Sensing Applications (ISRO/RES/4/642/17-18 dt. 07.06.2017)", I
ld like to inform you that the remaining GPU-CUDA part of the project
NOW completed and this CUDA-GPU based parallel multispectral remote
sing super-resolution algorithm gives tremendous speed-up as compared
other sequential methods as well as good visual quality image.

detailed SR results for upscale factor 2 and 4 are discussed in
ached file. Kindly go through it and give your suggestions.

will include all the necessary modifications/suggestions in the final
ort which to be submitted before 31st March,2021.

nking you

t regards
besh Deka
Superresolution --Respond Project
pur University

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FILE NO. EMR/2016/003158

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 20-Jul-2017

ORDER

Subject: Financial Sanction of the research project titled "**Development of Polymer Supported Niobium and Tantalum Based catalysts for Organic Oxidations under Ecologically Sustainable Reaction Conditions** " under the guidance of Dr. Nashreen S Islam, Chemistry, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4517260/- (Rs.** Forty Five Lakh Seventeen Thousand Two Hundred and Sixty **Only)** with break-up of **Rs.** *1927000/-* **under Capital (Non-recurring) head** and **Rs.***2590260/-* **under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4517260/-** has been approved are given below:

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> High-Performance Liquid Chromatography (HPLC) System with UV detector -> Minor Equipment -> Laser Printer -> Laptop/Computer	1927000
A'	*Total (Non-Recurring)*	*1927000*
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2179600
2	Recurring - B : (Overhead Charges)	410660
B'	*Total (Recurring)*	*2590260*
C	**Total cost of the project (A' + B')**	**4517260**

2. Sanction of the **SERB** is also accorded to the payment of
Rs. 1927000/- (Rupees Nineteen Lakh Twenty Seven Thousand only) under 'Grants for creation of capital assets' and **Rs. 863450/-** (Rupees Eight Lakh Sixty Three Thousand Four Hundred and Fifty only) under 'Grants-in-aid General' to **Vice-Chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**
being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **14 July, 2017** and vide Diary No. **SERB/F/3270/2017-2018** dated **20 July, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in)

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 2790450/-** (Rupees Twenty Seven Lakh Ninety Thousand Four Hundred and Fifty only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

Account Name	**Tezpur University R&D**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam - 784001, 91-3712-220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**nsi@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/003158 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

30-7-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.

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3.	File Copy
4.	Dr. Nashreen S Islam Chemistry Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: nsi@tezu.ernet.in Mobile: 919435380222 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Vice-Chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

20-7-17

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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Office of the Registrar
Receipt No .....3502.....
Date .....17.12.20.....
Received by .....B.B.....

DATE OF RECEIPT 17/12/2020
RECEIPT NO. 6331
SIGNATURE

LSRB/81/48222/LSRB-301/BTB/2020

Date: 26.11.2020

Sub : CORRIGENDUM : Sanction for Ex –post-facto PDC extension of Project No. LSRB-301

Under provisions of SOP Para 5.7 issued vide GOI letter No. ERIP/ER/2017001/M/01/SOP/160/D (R&D) dated 6th Feb 2018 and 5.7 (a) of letter No. ARDB/10/1001/M (Rev SOP)/1793 D (R&D) dated 18th Nov, 2019; sanction of CFA is conveyed herewith for the following amendment in sanction letter No. O/o DG (TM)/81/48222/LSRB-301/BTB/2017 dated 21.07.2017 regarding ex-post facto PDC extension without additional cost of project entitled "Diagnosis and immune pathogenesis of Dengue virus infections; a longitudinal investigation into genotype diversity, diagnosis and immune response to dengue infections in Assam, NE India" (LSRB-301) for logical conclusion of the project.

FOR:

PDC: 21.07.2020

READ:

PDC: 20.03.2021

2. There are no other changes in the sanction letter.

3. Sanction code: DGTM/LSRB/GIA/20-21/0201 dated 26/11/2020.

(Dr. RP Bhatt)
Member Secretary, LSRB

To

The Registrar
Tezpur University, Napaam
Tezpur-784028, Assam

COPY TO: {INK SIGNED COPIES}

i. PCDA (R&D), DRDO Cell, West Block-V, R K Puram, New Delhi-110066
ii. IFA (R&D), DRDO Bhawan, New Delhi-110011
iii. DGADS, 'L-1' Block, Church Road, New Delhi-110011
iv. Director DRDE & Chairman, BTB, Jhansi Road, Gwalior, MP
v. Dr Shashi Baruah : for information please.
Professor& PI
Dept of Molecular Biology and Biotechnology
Tezpur University, Napaam
Tezpur-784028, Assam

File
18/12/20

LSRB.....

..... Securing health and

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जीवन विज्ञान अनुसंधान बोर्ड
रक्षा अनुसंधान एवं विकास संगठन मुख्यालय
3रा तल, डी आर डी ओ भवन
कमरा न 399/04 नई दिल्ली 110011
टेली फैक्स - 011-23012652
टेलीफोन 011-23007894/23007895
Email : lsrb@hqr drdo in

Life Sciences Research Board
Defence Res. & Dev. Organisation HQ
3rd Floor, DRDO Bhawan
Room No. 399/04, New Delhi – 110011
Tele Fax : 011-23012652
Tele : 011-23007894/23007895
Email : lsrb@hqr drdo in

No. O/o DG (TM)/81/48222/LSRB-301/BTB/2017

Date : 21 .07.2017

To,

The Registrar
Tezpur University
Tezpur-784028, Assam

Sub : **GRANTS IN AID SCHEME OF LIFE SCIENCES RESEARCH BOARD**

In exercise of powers vested in the Life Sciences Research Board vide Govt. of India, Ministry of Defence letters No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998 and subsequent amendment made vide letter No.CC R&D (TM)/01/01/Research Boards/247/D (R&D) dated 03rd Feb 2014 and DRDO/ BFA/FA/83226/M/01/2031/D(R&D) dated 30 Jul 2010, para 3.1, as amended from time to time, I hereby convey the sanction of the Board for the following project at the cost of **Rs.61,59,727/- (Rupees Sixty one lakh fifty nine thousand seven hundred twenty seven only).**

Project Title and No:

Title : **"Diagnosis and Immunopathogenesis of Dengue Virus infections: a longitudinal investigation into genotype diversity, diagnosis and immune response to dengue infections in Assam, Northeast India"**

No : **LSRB-301/BTB /2017**

PI : **Dr Shashi Baruah**
Professor
Dept of Molecular Biology and Biotechnology,
Tezpur University Napaam,
Tezpur, Assam-784028
Ph : 03712-275408 / Fax : 03712-267005/06 / Mob : 09435082587
Email : sabaruah@tezu.ernet.in

Co-PI : **Dr surya Praksah Goud Ponnam**
Assistant Professor
Dept of Molecular Biology and Biotechnology,
Tezpur University Napaam,
Tezpur, Assam-784028
Ph: 03712-275413
Email: surya_p@tezu.ernet.in surya.bio1@gmail.com

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PDC : 03 Yrs

Cost : Rs. 61,59,727/- only

Revised COST BREAK-UP

S No	Grants	1st Year	2nd Year	3rd Year	Line Total
i	**Research Staff:**				
	JRF-01, Project Assistant-01	4,80,000	4,80,000	5,16,000	**14,76,000**
Ii	**Non-expendables items:**				
	Non expendables equipment and stores (Flowcytometer)	25,00,000	-	-	**25,00,000**
Iii	**Expendable stores, consumables, chemicals, etc.**	9,68,510	5,81,106	1,93,702	**17,43,318**
Iv	**TA/DA (including TA/DA of specialist monitors (s) for the project)**	45,000	45,000	45,000	**1,35,000**
V	**Contingency**	1,19,805	33,183	22,641	**1,75,629**
Vi	**Overhead charges**	57,900	43,650	28,230	**1,29,780**
	Total	**41,71,215**	**11,82,939**	**8,05,573**	**61,59,727**

Grand Total : Rs 61,59,727/- (Rupees sixty one lakh fifty nine thousand seven hundred twenty seven only)

2. The research staff is only for the duration of the project. DRDO holds no responsibility for further employment/absorption of the staff. The staff will be recruited as per rules & procedure of the grantee institution.

3. Statements of account duly certified by the executive financial authority of the institution are also required to be submitted along with the annual reports. **Excess expenditure, beyond the yearly sanction, unless authorised by LSRB in writing, shall be the responsibility of the grantee institution.**

4. The duration of the project is **three years.** The date of issue of this letter would be reckoned as the commencement date of the project.

5. PI to ensure that the laboratory guidelines for genetic engineering, animal experimentation and medical ethics issued by DBT, Animal Welfare Division (CPCSEA) and Ministry of Health & Family Welfare, Govt. of India, respectively and any other statutory issues related to the experiments are adhered to.

6. A separate saving bank account for the grant would be maintained by **The Registrar, Tezpur University, Tezpur-784028, Assam** and interest earned thereon would accrue to LSRB. **In case of interests not accrue under the project the reason for the same may be incorporated in utilization certificate for audit purpose.** Unspent balance, on completion of the project should be sent by the grantee institution through a Draft in favour of CDA (R&D), New Delhi to LSRB Secretariat for depositing the amount back in Govt. accounts.

7. A list of inventory of equipment purchased out of LSRB grant shall be intimated along with annual report/closure report, giving item-wise cost, date of purchase and source of procurement to LSRB Sectt. The equipment should be stamped LSRB Project number and each item should be serially numbered. The photocopy of the stock registers maintained by the institute/university for the non-expendable and expendable stores may be submitted duly audited with a **certificate** from the audit authorities that **"the necessary check has been made and the inventory is found to be in order".** For further details, kindly refer the website of DRDO/LSRB i.e. http://www.drdo.gov.in/drdo/English/indexCorpDir.jsp?pg=home.jsp&dir=LSRB

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On completion of the project, the grantee institution would forward the consolidated audited list of equipments and expendable items, if any, with request for retention of equipment for another project in house R&D, with due recommendations of their executive authority.

Dr Paban K Dash, Sc 'E', DRDE Gwalior will be the facilitator. He will be visiting the Institute for periodical monitoring of the project.

Following **policy on the Intellectual Properties** generated under the scheme will be taken care of:-

a) All Foreground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purposes.

b) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.

c) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.

d) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purposes other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

e) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purposes of Government Applications including armed forces and paramilitary forces.

f) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project, whether or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.

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g) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise by PI or the Grantee Institute of the Intellectual Property Rights of third parties.

h) The term of the above provisions shall survive the term of the Project.

11. If there is any legal issue/dispute, it shall be redressed within the jurisdiction of Delhi.

12. PCDA (R&D), DRDO Cell, West Block-V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned. Payment shall be released through e-payment system and physical cheques will not be issued. A mandate form is enclosed for filling up the required information and forwarding alongwith a blank cancelled cheque bearing account number.

13. In case of premature termination/closure of the project, the grantee institute is liable to refund the entire budget released to them alongwith interest.

14. **Closure report** – On completion/closure/termination of the project, three copies of the consolidated closure report as per annexure III (refer website) will be submitted within three months with all necessary certificates and financial information. It should give sufficient technical details of project, achievements in relation to the originally stated objectives of the project and utilization of results.

15. Ensure about providing of reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services.

16. The expenditure will be debited to Major Head - 2080 (Defence Services) R&D Minor Head-004 Research & Development, Code Head 852/05 of the Defence Services Estimates.

17. Contingent bill (in triplicate) for the release of grant for first year i.e. **Rs.41,71,215/- (Rupees forty one lakh seventy one thousand two hundred fifteen only)** duly completed and signed on revenue stamp with official seal by the competent financial authority of the institute alongwith ECS mandate form may please be forwarded to us immediately for onward submission to PCDA for payment.

18. This issues with the concurrence of IFA (R&D) vide their UO No 1940/0506 dt 14.07.2017.

19. The sanction code is DG (TM)/TM/LSRB/GIA/17-18/0133 dt 20.07.2017.

20. Kindly acknowledge receipt.

Yours faithfully

(Dr. Rajio Singh)
Member Secretary, LSRB
O/o DG (TM)

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1448
21/09/17
DemR&D

Office of the Regi
Receipt No 3458
Date 20 SEP 2017
Received by

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110067,

f. No.: **File No. 8-15/RIFD/RPS/POLICY-1/2016-17**

Date: 2 August 2017

Dem R&D
FO

for mon

e Drawing and Disbursing Officer
India Council for Technical Education
lson Mandela Marg,
sant Kunj, New Delhi-110067,

b: **Release of a sum of Rs.1622353/- being the 1st installment of the total grant of Rs.1647059/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2017-18.**

With reference to the Proposal submitted by the institute, this is to convey the sanction of the Council r payment of **Rs.1622353/-(Rupees Sixteen Lakh Twenty Two Thousand Three Hundred Fifty Three)** 1st installment out of a total approved grant-in-aid of **Rs.1647059/-** for conduct of a Project under the search Promotion Scheme (RPS), as per details given below:-

I.	Name of the Beneficiary Institution (University / College / Institution)	:	**TEZPUR UNIVERSITY NAPAAM, TEZPUR, DISTRICT-SONITPUR, ASSAM-784028**
II.	Principal Investigator's Name & Dept./Course	:	**Dr. BHABESH DEKA Electronics and Communication Engineering (Microwaves)**
III.	Grant-in-aid Sanctioned	:	**Rs.1647059/-** (Rs. 1400000/- for non-recurring and Rs.247059/- for recurring expenditure)
IV.	Amount to be Released during the year 2017-18	:	**Rs.1622353/- (Full amount of non recurring & 90 % of recurring sanctioned)**
V.	Duration	:	**3 Years**
VI.	Title of the Project	:	**DEVELOPMENT OF PARALLEL PROCESSING EMBEDDED HARDWARE FOR SUPER-RESOLUTION OF DIFFUSION WEIGHTED AND SPECTROSCOPIC MAGNETIC RESONANCE IMAGES.**

The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for Payment during the financial year 2017-18.

The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of **TEZPUR UNIVERSITY, NAPAAM, TEZPUR, DISTRICT-SONITPUR, ASSAM-784028** through **RTGS**.

The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The **Principal/Director/Registrar** shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.

Contd...2/-

nched/ Dr. Bhabesh Deka. Congratulations!!!
d as Please submit a copy of the project proposal for
ted. issuing registration no of the project. Dmnjcp
21.9.2017

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4. Each project sanctioned by AICTE is assigned a specific Ref. No. which is on pre-page. All correspondence addressed to AICTE regarding the project must quote this number along with year of sanction of the Project, otherwise the correspondence may not be entertained.

5. The accounts of the grantee will be open for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.

6. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant:-

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	STATE BANK OF INDIA	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar Tezpur University	Saving Account	30448821505	SBIN0000195

7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support for completion of the Project.

8. The grantee shall utilize grants on only approved items, as per list of equipment attached. However if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India.

9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or ùtilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

10. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

11. Interest accrued on the sanctioned grant-in-aid will be reported back to AICTE and may be adjusted against the subsequent installment.

12. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below:-

Documents to be submitted within one month of completion of each financial year.

- The Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- Utilization Certificate duly audited.
- Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- Bills/vouchers related to Non-recurring expenditure duly signed & stamped by the PI & Head of the institution.
- Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

Contd...3/-

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Documents to be submitted within two month of completion of the Project.

- The consolidated Utilization Certificate (UC), duly audited.
- Duly audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- Project Completion Report duly signed & stamped by the PI & Head of the institution.

Any deviation from the above said time schedule will cause serious action against the institute.

The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

The Grantee shall fully implement to the Official Language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)

The funds to the extent are available under the Scheme.

The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

The budget allowed cannot be utilized for hiring temporary or permanent staff for the Project.

It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately.

The institute should strictly observe all the terms & conditions contain in the Scheme details under AICTE AQIS 2016-17.

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD) 17/8/17

ote: The prescribed formats and Terms & Conditions are available in the application brochure.

opy forwarded for information and necessary action to:

Principal/Director/Registrar,
TEZPUR UNIVERSITY,
NAPAAM, TEZPUR, DISTRICT-SONITPUR,
ASSAM-784028

Dr. BHABESH DEKA,
DEPT. OF Electronics and Communication Engineering (Microwaves),
TEZPUR UNIVERSITY,
NAPAAM, TEZPUR, DISTRICT-SONITPUR,
ASSAM-784028

OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. STATE, NEW DELHI-110002.

Guard File

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

(12)

Ref: IUAC/XIII.7/UFR- 62312

Date: Sept. 12, 2017

Dr. Dambarudhar Mohanta,
Department of Physics,Associate Professor,
Tezpur University, PO: Napaam, Tezpur, Assam,
Pin Code: 784028

Sub: Financial sanction for the financial year 2017-2018
Ref: Project Code No. UFR- 62312 sanctioned in favour of Dr. Dambarudhar Mohanta, Tezpur University, PO: Napaam, Tezpur, Assam.

Dear Sir,

We are pleased to inform you that your project entitled ***"Studies on photocatalytic, photoluminescence and mechanical properties of WS$_2$/C-dot nanoscale systems subjected to irradiation"*** under the UFUP scheme of this Centre has been sanctioned with the following financial approval for a period of three years.

Year	Fellowship	Contingency/Consumbles	Equipment
First	JRF	25,000/-	Nil
Second	JRF	25,000/-	Nil
Third	JRF	25,000/-	Nil

Your project code no. UFR- 62312 and the same should be quoted in all future correspondences.

The contingency will be inclusive of all consumables. The grant for the first year contingency will be released now. Fellowship grant will be released only after a Project Fellow/JRF is appointed by the University/Institution and the related documents along with the joining report is sent to this office.

Normal UGC guidelines will apply in all circumstances. Travel money would not be released for you but as per AUC decision, you may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. IUAC will pay your TA (by train) and the local hospitality as per rule.

Annual progress report and provisional utilization certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion of each financial year for enabling us to release the funds for the next financial year. As soon as annual accounts of the university are audited, the final audited utilization certificate should be sent to IUAC and the draft for the unspent grant should be sent in favour of "Inter University Accelerator Centre" payable at New Delhi.

Thanking you,

Yours sincerely,

(Dr. S.CHOPRA)
Convenor – AUC

CC:
The Registrar
Tezpur University, PO: Napaam,
Tezpur, Assam, Pin Code: 784028

पोस्ट बाक्स: 10502 अरूणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26893
011-26892
तार :/Telegram : NUR
फैक्स :/Fax : 011-26893
वेबसाईट :/Website : www.iuac.r

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Dr. Sundeep Chopra
Convenor - AUC

Ref:IUAC/XIII.3A/

August 11, 2017

Dr. Dambarudhar Mohanta
Department of Physics,
Associate Professor,
Tezpur University, PO: Napaam, Tezpur,
Assam, Pin Code: 784028

Subject: Your Application for Beam Time Allotment

Dear Dr. Mohanta,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on July 05-07, 2017. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity		PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
62312	MS	Dr. Dambarudhar Mohanta Department of Physics, Associate Professor, Tezpur University, PO: Napaam, Tezpur, Assam, Pin Code: 784028	Studies on photocatalytic, photoluminescence and mechanical properties of WS_2/C-dot nanoscale systems subjected to irradiation	4	UFR Funds sanctioned with standard funding

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

(Sundeep Chopra)
E-mail: choprasundeep@gmail.com

पोरट बाक्स: 10502 अरूणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-2689395
011-2689260
NURCEI
तार :/Telegram :
फैक्स :/Fax : 011-2689366
वेवसाईट :/Website : www.iuac.res.i

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File No. DST/ RCUK/JVCCE/2015/04 (1) (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Office of the Registrar
Receipt No 3398
Date 19 SEP 2017
Received by

Technology B
New Mehrauli Road
New Delhi-110 016
August 16-08-2017

Sanction Order

Subject: Financial support for project entitled **"India – UK Center for education and research in clean energy (JVCCE)"** by **Dr. B.G. Fernandes**, Department of Electrical Engineering Indian Institute of Technology Bombay, Mumbai, Maharashtra- 400 076, **Prof. Santanu Mishra**, Dept. of Electrical Engg., Indian Institute of Technology Kanpur, Kanpur – 208016, **Prof. Melepurath Deepa**, Department of chemistry, Indian Institute of Technology Hyderabad, Hyderabad -502285, **Prof. Nabin Sarmah**, Department of Energy, Tezpur University, Tezpur, Assam – 784028, **Dr. Z. V. Lakaparampil**, Department of Power Electronics, Centre for Development of Advanced Computing, Trivandrum. – 695033.

Sanction to the President is hereby accorded to the above-mentioned project at a total cost of **Rs.21,83,26,200/-** (Rs.14,98,38,610/- to **Indian Institute of Technology Bombay**, Rs.1,85,19,515/- to **Indian Institute of Technology Hyderabad,** Rs.74,56,445/- to **Tejpur University, Tezpur, Assam,** Rs.2,11,94,755/- to **Centre for Development of Advanced Computing, Trivandrum**) with break-up of Rs.5,80,00,000/- under Capital head and Rs.3,24,70,600/- under General head for a duration of 4 years. The items of expenditure for which the total allocation of **Rs.21,83,26,200/-** has been approved for a period of 4 years are given below:

The following budget is proposed based on quotations for PE and salary norms of project staff:

Sl. No.	Sanction head	1st Year (Lakh)	2nd Year (Lakh)	3rd Year (Lakh)	4th Year (Lakh)	Total (Lakh)
A	**Non-recurring (Capital Items) Budget Head 3425.60.200.68.01.35.9**					
I	Pmt Equipment	Rs.580.00	Rs.343.41	Rs.0.00	Rs.0.00	Rs.923.41
	Total (Capital)	**Rs.580.00**	**Rs.343.41**	**Rs.0.00**	**Rs.0.00**	**Rs.923.41**
B	**Recurring Items (General) Budget Head 3425.60.200.68.01.31.9**					
I	Man Power	Rs.147.46	Rs.147.46	Rs.162.72	Rs.162.72	Rs.620.352
II	Consumables	Rs.144.75	Rs.152.75	Rs.102.25	Rs.75.25	Rs.475.00
III	Contingency	Rs.4.00	Rs.4.00	Rs.4.00	Rs.4.00	Rs.16.00
IV	Travel (Domestic)	Rs.4.00	Rs.4.00	Rs.4.00	Rs.4.00	Rs.16.00
V	Travel (International)	Rs.8.00	Rs.23.50	Rs.17.50	Rs.19.50	Rs.68.50
VI	Workshops	Rs.0	Rs.0	Rs.5.00	Rs.5.00	Rs.10.00
VII	Fabrication cost	Rs.12.00	Rs.11.00	Rs.6.00	Rs.7.00	Rs.36.00
VIII	Over Heads	Rs.4.50	Rs.4.50	Rs.4.50	Rs.4.50	Rs.18.00
	Total(General)	**Rs.324.706**	**Rs.347.206**	**Rs.305.970**	**Rs.281.970**	**Rs.1,259.852**
C	**Grand Total**	**Rs.904.706**	**Rs.690.616**	**Rs.305.970**	**Rs.281.970**	**Rs.2,183.262**

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A. The break-up of the cost head wise and year wise for **IITB** is given below **(in Lakh):**

Sl. No.	Sanction head	1st Year (Lakh)	2nd Year (Lakh)	3rd Year (Lakh)	4th Year (Lakh)	Total (Lakh)
A	**Non-recurring (Capital Items) Budget Head 3425.60.200.68.01.35.9**					
I	Pmt Equipment	Rs.300.00	Rs.277.85	Rs.0.00	Rs.0.00	Rs.577.85
	1.Bipotentiostat bundle with Rotating Ring-Disk Electrode and accessories (1 Nos.) 2.COMSOL software licenses (2 Nos.) 3.Controller board for PE Converters (4 Nos.) 4.DC Programmable Power Supply (2 Nos.) 5.Demonstration and Educational Kits (1 Nos.) 6.Desktop Computer (13 Nos.) 7.DigSILENT Power factory (1Nos.) 8.Eagle Software (1Nos.) 9.GAMS software (5 Nos.) 10.Handheld FTIR and accessories (1Nos.) 11.High performance workstation (2 Nos.) 12.Isolated oscilloscope with power/harmonic measurement features (2Nos.) 13.Laptop Computers for onsite monitoring (3Nos.) 14.Masterflex Peristaltic Pump and tubing's (2Nos.) 15.Multichannel Potentiostat-Galvanostat with Impedance Analyzer (1Nos.) 16.Parallel Studio XE Composer software (2Nos.) 17.Portable EL Camera (1Nos.) 18.Power Electronics Stack (6 Nos.) 19.Programmable DC Power Supply and Programmable DC Electronic Load with True RMS Bench Multimeter and Function Generator (1 Nos.) 20.PV analyzer including IV Curve Tracer (1 Nos.) 21.Real Time Simulator (2Nos.) 22.Redox Flow Cell Test System with accessories (1 Nos.) 23.Scopcorder (3 Nos.) 24.Scopemeter (4Nos.) 25.Server for Digsilent (1Nos.) 26.Single Channel Potentiostat-Galvanostat (1 Nos.) 27.Solar PV Panels (4 Nos.) 28.Surface Pro with Accessories (3 Nos.) 29.Three Phase Power Analyzer (3 Nos.) 30.Three Phase Transformers (6Nos.) 31.Workstation (6 Nos.)					
	Total (Capital)	**Rs.300.00**	**Rs.277.85**	**Rs.0.00**	**Rs.0.00**	**Rs.577.854**
B	**Recurring Items (General) Budget Head 3425.60.200.68.01.31.9**					
I	Man Power	Rs.129.46	Rs.129.46	Rs.142.56	Rs.142.56	Rs.544.032
	Twenty eight JRFs @ Rs. 25,000/25,000/28,000/28,000 + 30% HRA (4 years) One RA-I @ Rs. 36,000 + 30% HRA (4 years) One Project Manager@ Rs. 50,000 Four Project Technical Assitant @ Rs. 18,000					
II	Consumables	Rs.91.25	Rs.101.25	Rs.51.75	Rs.30.75	Rs.275.00
III	Contingency	Rs.2.00	Rs.2.00	Rs.2.00	Rs.2.00	Rs.8.00
IV	Travel (Domestic)	Rs.2.00	Rs.2.00	Rs.2.00	Rs.2.00	Rs.8.00
V	Travel (International)	Rs.8.00	Rs.15.50	Rs.15.50	Rs.13.50	Rs.52.50
VI	Workshops	Rs.0.00	Rs.0.00	Rs.5.00	Rs.5.00	Rs.10.00
VII	Fabrication cost	Rs.10.00	Rs.5.00	Rs.0.00	Rs.0.00	Rs.15.00
VIII	Over Heads	Rs.2.00	Rs.2.00	Rs.2.00	Rs.2.00	Rs.8.00
	Total (General)	**Rs.244.706**	**Rs.257.206**	**Rs.220.810**	**Rs.197.810**	**Rs.920.532**
C	**Grand Total**	**Rs.544.706**	**Rs.535.060**	**Rs.220.810**	**Rs.197.810**	**Rs.1,498.386**

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The break-up of the cost head wise and year wise for **IITK** is given below **(in Lakh):**

	Sanction head	1st Year (Lakh)	2nd Year (Lakh)	3rd Year (Lakh)	4th Year (Lakh)	Total (Lakh)
A	**Non-recurring (Capital Items) Budget Head 3425.60.200.25.01.35.9**					
I	Pmt Equipment	Rs.100.00	Rs.15.76	Rs.0	Rs.0	Rs.115.76
AC power supplies (1 Nos.) 2.Contactless Soldering Station (1 Nos.) 3.Desktop Computer (4 Nos.) Diesel Generator (1 Nos.) 5.Function Generator (1 Nos.) 6.Grid Emulator (1 Nos.) 7.High voltage robes (1 Nos.) 8.HV Oscilloscope (1 Nos.) 9.LCR Meter (1 Nos.) 10.Portable Digital Storage scilloscope (2 Nos.) 11.Solar PV Panels (1Nos.) 12.Source Measure Unit with power supply sink (1 os.) 13.Test Bench Digital Multimeter (1Nos.) 14.UPS (1 Nos.)						
	Total (Capital)	**Rs.100.00**	**Rs.15.76**	**Rs.0**	**Rs.0**	**Rs.115.76**
B	**Recurring Items (General) Budget Head 3425.60.200.68.01.31.9**					
I	Salaries	Rs.6.00	Rs.6.00	Rs.6.72	Rs.6.72	Rs.25.44
JRFs @ Rs. 25,000 (1st and 2nd Years) / 28,000 (3rd, 4th)						
II	Consumables	Rs.8.25	Rs.8.25	Rs.8.25	Rs.8.25	Rs.33.00
III	Contingency	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
IV	Travel (Domestic)	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
V	Travel (International)	Rs.0	Rs.2.00	Rs.0	Rs.2.00	Rs.4.00
VI	Workshops	Rs.0	Rs.0	Rs.0	Rs.0	Rs.0
VII	Fabrication cost	Rs.0	Rs.0	Rs.0	Rs.0	Rs.0
VIII	Over Heads	Rs.0.75	Rs.0.75	Rs.0.75	Rs.0.75	Rs.3.00
	Total (General)	**Rs.16.00**	**Rs.18.00**	**Rs.16.72**	**Rs.18.72**	**Rs.69.44**
C	**Grand Total**	**Rs.116.00**	**Rs.33.76**	**Rs.16.72**	**Rs.18.72**	**Rs.185.195**

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C. The break-up of the cost head wise and year wise for **IITH** is given below **(in Lakh):**

Sl. No.	Sanction head	1st Year (Lakh)	2nd Year (Lakh)	3rd Year (Lakh)	4th Year (Lakh)	Total (Lakh)
A	**Non-recurring (Capital Items) Budget Head 3425.60.200.25.01.35.9**					
I	Pmt Equipment	Rs.100.00	Rs.9.787	Rs.0	Rs.0	Rs.109.787
1.Controller board for PE Converters (4 Nos.) 2.Data logging and associated control system (4 Nos.) 3.Database server (1 Nos.) 4.Digital Oscilloscope (1 Nos.) 5.DigSILENT Power factory (1 Nos.) 6.Glove Box Work Station package (1 Nos.) 7.Grid Tied Inverter (1Nos.) 8.Guide Rail Energy Meter (4 Nos.) 9.HIL Demo Module (1 Nos.) 10.Mipower software (1 Nos.) 11.Pouch Cell-Supercapacitor Fabrication Equipment (1Nos.) 12.Smart Meter (4 Nos.) 13.Solar PV Panels (5 Nos.) 14.Split Core Current Transformer (30 Nos.) 15.Three Phase Transformers (6 Nos.) 16.Web Based Simulator Smartgrid (1 Nos.) 17.Wireless Serial Module (4 Nos.) 18.Workstation (5 Nos.)					
	Total (Capital)	**Rs.100.00**	**Rs.9.787**	**Rs.0**	**Rs.0**	**Rs.109.787**
B	**Recurring Items (General) Budget Head 3425.60.200.68.01.31.9**					
I	Man Power	Rs.9.00	Rs.9.00	Rs.10.08	Rs.10.08	Rs.38.16
Three JRFs @ Rs. 25,000 (1st and 2nd Years) / 28,000 (3rd, 4th),						
II	Consumables	Rs.14.00	Rs.12.00	Rs.12.00	Rs.7.00	Rs.45.00
III	Contingency	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
IV	Travel (Domestic)	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
V	Travel (International)	Rs.0	Rs.2.00	Rs.2.00	Rs.2.00	Rs.6.00
VI	Workshops	Rs.0	Rs.0	Rs.0	Rs.0	Rs.0
VII	Fabrication cost	Rs.2.00	Rs.1.00	Rs.1.00	Rs.2.00	Rs.6.00
VIII	Over Heads	Rs.0.75	Rs.0.75	Rs.0.75	Rs.0.75	Rs.3.00
	Total (General)	**Rs.26.75**	**Rs.25.75**	**Rs.26.83**	**Rs.22.83**	**Rs.102.16**
C	**Grand Total**	**Rs.126.75**	**Rs.35.537**	**Rs.26.83**	**Rs.22.83**	**Rs.211.947**

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The break-up of the cost head wise and year wise for TU is given below **(in Lakh):**

	Sanction head	1st Year (Lakh)	2nd Year (Lakh)	3rd Year (Lakh)	4th Year (Lakh)	Total (Lakh)
	Non-recurring (Capital Items) Budget Head 3425.60.200.25.01.35.9					
	Pmt Equipment	Rs.30.00	Rs.7.844	Rs.0	Rs.0	Rs.37.844
	COMSOL software licenses (1 Nos.) 2. Data logging and associated control system (1Nos.) 3. I-Curve Tracer (1 Nos.) 4.Pvsyst software (1 Nos.) 5.Thermal Imaging camera (1Nos.)					
	Total (Capital)	**Rs.30**	**Rs.8**	**Rs.0**	**Rs.0**	**Rs.38**
B	**Recurring Items (General) Budget Head 3425.60.200.68.01.31.9**					
I	Man Power	Rs.3.00	Rs.3.00	Rs.3.36	Rs.3.36	Rs.12.72
	One JRF @ Rs. 25,000/25,000/28,000/28,000.					
II	Consumables	Rs.4.75	Rs.4.75	Rs.3.75	Rs.2.75	Rs.16.00
III	Contingency	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
IV	Travel (Domestic)	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
V	Travel (International)	Rs.0	Rs.2.00	Rs.0	Rs.0	Rs.2.00
VI	Workshops	Rs.0	Rs.0	Rs.0	Rs.0	Rs.0
VII	Fabrication cost	Rs.0	Rs.0	Rs.0	Rs.0	Rs.0
VIII	Over Heads	Rs.0.50	Rs.0.50	Rs.0.50	Rs.0.50	Rs.2.00
	Total (General)	**Rs.9.25**	**Rs.11.25**	**Rs.8.61**	**Rs.7.61**	**Rs.36.72**
C	**Grand Total**	**Rs.39.25**	**Rs.19.094**	**Rs.8.61**	**Rs.7.61**	**Rs.74.564**

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(1)

FILE NO. EMR/2016/008045

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 18-Aug-2017

ORDER

Subject: Financial Sanction of the research project titled "**Studies on bifunctional (wetting-dewetting and biophotonic colouration) properties of certain natural systems of biological origin** " under the guidance of Dr. DAMBARUDHAR MOHANTA, Physics, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4366560/-** (**Rs.** Forty Three Lakh Sixty Six Thousand Five Hundred and Sixty **Only)** with break-up of **Rs. *2500000/-* under Capital (Non-recurring) head** and **Rs.*1866560/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4366560/-** has been approved are given below.

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Contact Angle Measurement -> UV Vis NIR Reflectance Spectrophotometer with integrated sphere	2500000
A'	*Total (Non-Recurring)*	***2500000***
B	**Recurring Items**	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1469600
2	Recurring - B : (Overhead Charges)	396960
B'	*Total (Recurring)*	***1866560***
C	**Total cost of the project (A' + B')**	**4366560**

2. Sanction of the **SERB** is also accorded to the payment of

Rs. 2500000/- (Rupees Twenty Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 622186/-** (Rupees Six Lakh Twenty Two Thousand One Hundred and Eighty Six only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Physical Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **16 August, 2017** and vide Diary No. **SERB/F/4981/2017-2018** dated **17 August, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3122186/-** (Rupees Thirty One Lakh Twenty Two Thousand One Hundred and Eighty Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road,Sonitpur, Assam-784001, 91-3712-220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**dmohanta1973@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/008045 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. DAMBARUDHAR MOHANTA** **Physics** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: dmohanta1973@gmail.com** **Mobile: 918876507550** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

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No. DST/INT/JSPS/P-238/2017

Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhavan,
New Mehraulli Road
New Delhi-110016
Date: 04.10.2017
24/10/17

ORDER

Subject: Implementation of Indo-Japan Joint project entitled: **"Investigation of interstellar polycyclic aromatic hydrocarbons (PAHs), pure and substituted: A combined approach"** coordinated by **Dr. Amit Pathak** with the Japanese partner **Dr. Itsuki Sakon** - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs. 10,60,000/- (Ten Lakhs Sixty Thousand only)** for implementation of the Indo-Japan joint project entitled **"Investigation of interstellar polycyclic aromatic hydrocarbons (PAHs), pure and substituted: A combined approach"** coordinated by **Dr. Amit Pathak, Assistant Professor, Department of Physics, Tezpur University, Napaam, Tezpur – 784028, Assam** in collaboration with **Dr. Itsuki Sakon Assistant Professor, Department of Astronomy, University of Tokyo** for a total duration of **2 years** from the date of issue of the sanction order.

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the International air travel, medical insurance and visa charges whereas the receiving side shall bear the cost of accommodation, hospitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below:

Items of Expenditure	1st Year	2nd Year	Total
Visits from India to Japan			
-Number of visits and duration for each visit	2 visits per year for 30 days	2 visits per year for 30 days	
-International to & fro Airfare including airport taxe	2x75,000= 1,50,000/-	2x75,000= 1,50,000/	3,00,000/-
-Related local ... in India(domestic airfare to Del... taxi charges)	45,000/-	45,000/-	90,000/-
-Visa fee	5,000/-	5,000/-	10,000/-
-Overseas medical insurance	5,000/-	5,000/-	10,000/-
Visit from Japan to India			
-Number of visits and duration for each visit	2 visits per year for 30 days	2 visits. (one each for ... researchers for 30 days duration)	

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Accommodation in Guest House @Rs 3,000 x 30 days x 2	1,80,000/-	1,80,000/-	3,60,000/-
Per diem @ 1000/- per day :	60,000/-	60,000/-	1,20,000/-
Local travel in India (including domestic airfare from Delhi to Tezpur and taxi charge)	75,000/-	75,000/-	1,50,000/-
Contingency :	10,000/-	10,000/-	20,000/-
Total	**5,30,000/-**	**5,30,000/-**	**10,60,000/-**

Sanction of the President is hereby accorded for release of 1st instalment amounting of **Rs. 5,00,000 (Rupees Five Lakhs only)** to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Dr. Amit Pathak, Assistant Professor, Department of Physics, Tezpur University, Napaam, Tezpur – 784028, Assam. The bank details for electronic transfer of funds through RTGS are given below:-

Account Holders Name/ Designation	Registrar, Tezpur University
Name of Bank	State Bank of India, Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001
Bank Account Number	30448821505
IFSC Code	SBIN0000195
E-Mail	amit@tezu.ernet.in, amitpah@gmail.com

Condition for placing of grant amount:

4. The institute will maintain separate audited account for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the (financial year wise) Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of the grant.

Conditions for submission of SE/UC and Progress report:

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant;

The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS besides sending it in physical form to this Division. The subsequent/final instalment will be

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This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.

This issues with the concurrence of IFD vide their concurrence Dy. No. C/2794 /IFD 2017-18 dated 28.09.2017.

As per Rule 234 of GFR 2017, this sanction has been entered at S. No 358 in the register of grants maintained in the Division.

U. Tirkey 4/10/2017

(Ujjwala T. Tirkey)
Scientist 'F'

The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi-110016

Copy to:
Office of the Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
Cash Section (3 copies), DST
I.F. Division/Accounts Section, DST
Sanction Folder
Project File.
Dr. Amit Pathak, Assistant Professor, Department of Physics, Tezpur University, Napaam, Tezpur – 784028. Assam

U. Tirkey 4/10/2017

(Ujjwala T. Tirkey)
Scientist 'F'

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of the Registrar
No 4173
.....
ed by ..... 31 OCT 2017 .....

Serial No... 1645 ... 62.
REGISTERED
Date of Receipt ... by ...

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 22(0759)/17/EMR-II
From : Head, Human Resources Development Group

Dated : 10th Oct, 2017

To

PROF NIRANJAN KARAK
DEPT OF CHEMICAL SC
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :DEVELOPMENT OF WATER-BORNE HYPERBRANCHED POLYESTERS AND POLYURETHANES FROM BIO-BASED RESOURCES AND THEIR NANOCOMPOSITES

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA		
III	Contingency (per annum in ₹)	1st Year : 1,00,000	2nd Year : 1,00,000	3rd Year :1,00,000
IV	Equipment (lumpsum in ₹)	10,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/10/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	2,16,000
II	Contingency	50,000
III	Equipment	10,00,000
	Total :	**12,66,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-
1. ~~Registrar/Principal/Director~~ Tezpur University, TEZPUR-784028 (Assam). The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

01.11.2017

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(2)

No. SR/WOS-B/843/2016 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 11.10.2017

ORDER

Sub: Financial approval of the project under Women Scientist Scheme-B (WOS-B) entitled "Evaluation of environment friendly control measures of Japanese encephalitis vector in its breeding site in worstly effected region of Sonitpur District of Assam".

PI Ms.Oli Talukdar, Department of Environmental Sciences, Tezpur University, Tezpur-784028, Assam.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **₹ 18,05,000/-** (Rupees Eighteen Lac Five Thousand only) for a duration of 3 years. The detailed breakup of the grant for General **(₹ 14,05,000/-)** as well as Capital **(₹ 4,00,000/-)** Components are given below:

Sl. No.	Heads	1st Year	2nd Year	3rd Year	Total
A.	***Non-Recurring* (Capital Items)**				
	Equipments: Multiparameter with GPS, CDC miniature light (6), 6 volt rechargeable battery (6), Computer, Printer	4,00,000/-	----------	----------	4,00,000/-
B.	***Recurring*(General)**				
	Fellowship for M.Sc@₹ 30,000/-	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
	Consumables	50,000/-	50,000/-	50,000/-	1,50,000/-
	Contingencies	20,000/-	20,000/-	20,000/-	60,000/-
	Travel	20,000/-	20,000/-	20,000/-	60,000/-
C.	**Overhead**	45,000/-	5,000/-	5,000/-	55,000/-
D.	**Total of Recurring Grant (B+C)**	**4,95,000/-**	**4,55,000/-**	**4,55,000/-**	**14,05,000/-**
E.	**GRAND TOTAL (A+D)**	**8,95,000/-**	**4,55,000/-**	**4,55,000/-**	**18,05,000/-**

2. Sanction of the grant is subject to the conditions as detailed in website www.dst.gov.in.

3. The sanction of the President is also accorded to the release of ₹ **4,95,000/-** (Rupees Four Lac Ninety Five Thousand only) under "General Component" to The **Registrar**, **Tezpur University, Tezpur-784028, Assam**, being the first installment of the grant for the year 2017-2018 for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7. The grant-in-aid being released is subject to condition that:-

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

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8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organization, which will be adjusted towards future release of grant.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other source/project either supported by DST or by any other funding agency

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18.

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 **Grants-in-aid General** for the year 2017-2018 **(Voted)**
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of **₹ 4,95,000/-** (Rupees Four Lac Ninety Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Registrar, Tezpur University, Tezpur-784028, Assam**. The bank details for electronic transfer of funds through RTGS are given below:-

Institute name	:	Tezpur University.
Bank Name	:	State Bank of India
Account Number	:	30448821505
Branch	:	Main Branch, Tezpur
IFSC code	:	SBIN0000195

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 475 in the register of grants maintained in the **KIRAN Division** for scheme **(KIRAN: WOS-B)**.

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/**2292**/2017-18 dated 07.09.2017.

(Vandana Singh)
Scientist-D

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Registrar, Tezpur University, Tezpur-784028, Assam
4. Dr. Satya Sundar Bhattacharya, Department of Environmental Sciences, Tezpur University, Tezpur-784028, Assam.
5. Ms.Oli Talukdar, Department of Environmental Sciences, Tezpur University, Tezpur-784028, Assam.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.

(Vandana Singh)
Scientist-D

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Serial No. 1687
07.11.2017

SR/NM/NT/1032/2016 (G)

Government of India
Ministry of Science & Technology
Department of Science & Technology
(Nano Mission)

Office of the
Receipt No. 4
Date 06 NOV 2017
Received

Technology Bhavan
New Mehrauli Road
New Delhi -110 016
Dated: 17.10.2017

ORDER

Sub: **Financial assistance for the technology project entitled "Miniaturized flexible planar antennas for body worn applications as health monitoring systems in L and S band using nano magneto-dieclectric composite as substrate" under the guidance of Dr. Nidhi Saxena Bhattacharya, Department of Physics, Tezpur University, Napaam, Sonitpur, Assam-784 028**- regarding release of 1st installment of the grant.

Sanction of the President is accorded to the approval of the above mentioned project at a total cost of **86,96,200/-** (Rupees eighty six lakh ninety six thousand two hundred only) for a duration of 3 years. The detailed break-up of the grant as well as Capital Components are given below:-

General Component: Rs. **32,74,200/-**
Capital Component: Rs. **54,22,000/-**

Budget head	*1st year*	*2nd year*	*3rd year*	*Total*
Non-Recurring(A)				
Equipment (E M human phantom and accessories; EM absorber sheets/cables and connectors; MMIC circuits)	54,22,000			54,22,000
Subtotal Non-Recurring				*54,22,000*
Recurring(B)				
Manpower (as per DST norms) JRF (2) @25,000-25,000-28,000+ HRA @10%	6,60,000	6,60,000	7,39,200	20,59,200
Consumables	1,80,000	1,80,000	1,80,000	5,40,000
National Travel	50,000	50,000	50,000	1,50,000
Contingencies	50,000	50,000	50,000	1,50,000
Overhead Charges	1,25,000	1,25,000	1,25,000	3,75,000
Subtotal Recurring				*32,74,200*
Total(A+B)	***64,87,000***	***10,65,000***	***11,44,200***	**86,96,200**

2. The sanction of the President is also accorded to the release of **Rs. 9,78,000/-** (Rupees nine lakh seventy eight thousand only) to the "**Registrar, Tezpur University, Napaam, Sonitpur, Assam-784 028**" being the first installment of the grant under 'Grants-in-aid General' for implementation of above mentioned project.

3. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. The grant-in-aid being released is subject to the condition that

a) A transparent procurement procedure in line with the provisions of General financial Rules 2017 will be followed by the university/institute under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the project and a certificate to this effect will be submitted by the university institute immediately on receipt of the grant

Cont. on page no. 2

SO

Request the PI to submit the documents for registration of project.

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b) While submitting Utilization Certificate/Statement of Expenditure, the university/institute has to ensure submission of supporting documentary evidences with regard to purchase of equipment capital assets as per the provisions of GFR 2017. Subsequent releases of grants under the project shall be considered only on receipt of the said documents.

6. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organization, which will be adjusted towards future release of grant.

7. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

8. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit(both by C&AG of India and Internal Audit by Principal Accounts Office of the DST), whenever the organization is called upon to do so on, as laid down under Rule 236(1) of General Financial Rules 2017.

9. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/ media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

10. Failure to comply with the terms and condition of the Bond will entail full refund with interest in terms of Rule 231(2) of GFR 2017.

11. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18:

Demand No. 84	Department of Science & Technology
3425	Other Scientific Research (Major Head)
60.	Others: (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
69.	Research & Development (National Mission on Nano Science & Nano Technology)
69.00.31	Grants-in-aid General for 2017-2018 (**Previous**: Nano Mission: 3425.60.200.36.01.31)
This release is being made under **Nano Mission**.	

12. The amount **Rs. 9,78,000/-** (Rupees nine lakh seventy eight thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the "**Registrar, Tezpur University, Napaam, Sonitpur, Assam-784 028**". The bank details for electronic transfer of funds through RTGS are given below:-

Saving Bank Account Number	**30448821505**
Name of the bank and branch	**State Bank of India, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001**
RTGS/IFSC Code	**SBIN0000195**
MICR Code	**784002002**

13. As per rule 234 of GFR 2017, this sanction has been entered at S. No. **141 NMD** in the register of grants maintained in the Division for the scheme Research & Development (National Mission on Nano Science & Nano Technology).

14. The issues with the concurrence of IFD Vide their Concurrence Dy. No. C/ **2855** /IFD/2017-18 dated **05.10.2017**.

(G.V RAGHUNATH REDDY)
Scientist-E

To

Pay & Accounts Office,
Department of Science & Technology
New Delhi

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Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department
   IIIrd floor, AGCR Building, I.P. Estate
   New Delhi.

2. Drawing and Disbursing Officer, DST, Cash Section.
   (Copy with two spare copies)

3. **Dr. Nidhi Saxena Bhattacharyya**
   Department of Physics
   Tezpur University, Napaam, Sonitpur
   Assam-784 028

4. **The Registrar**
   Tezpur University, Napaam, Sonitpur
   Assam-784 028

5. The Pay & Accounts Officer, DST.

6. Sanction folder (Nano Mission).

7. File copy.

GVRaghunathReddy

(G.V RAGHUNATH REDDY)
Scientist-E

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C-305

SR/NM/NT-1032/2016(G)

Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi -110 016.

Dated: **11th December, 2020**

ORDER

Subject:	Financial assistance for research project entitled "Miniaturized flexible planar antennas for body worn applications as health monitoring system in L and S band using nano magnetodielectric composite substrate" by Professor Nidhi Saxena Bhattacharyya, D/o Physics, Tezpur University,Napaam, Tezpur-784028-(Assam) . regarding release of 2nd instalment of General.

In continuation of this Department's sanction order of even number dated 26.09.2018, sanction of the President is hereby accorded for release of **Rs.12,22,000/- (Rupees twelve lakh twenty two thousand only)** as 2nd installment of grant for "General" expenditure for implementation of the project.

2. Approval of the President is also accorded for the following:

i) Post facto carry forward of Rs 54,22,000/-(C) and Rs.9,98,948/-(G) From FY 2017-18 to 2018-19; and Carry forward of Rs. 54,22,000/-(C) and Rs.4,37,644/-(G) From FY 2018-19 to 2019-20; and

ii) Carry forward of Rs. 21,36,105/-(C) and Rs 50,660/- From FY 2019-20 to FY 2020-21 and utilizing the grants for the purpose of project implementation; &

iii) ***Extension in the duration of this project till 31.03.2021 within the earlier sanctioned cost.***

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. The grant-in-aid being released is subject to the condition that:

a. **A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization on receipt of the grant:**

b. **While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.**

6. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. **The interest thus accrued will have to be deposited in the Consolidated Fund of India after the accounts are finalised for the project as per clause 230 (8) of GFR 2017.**

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

...contd/-

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GOVERNMENT OF ASSAM
OFFICE OF THE COMMISSIONER PANCHAYAT & RURAL DEVELOPMENT
PANJABARI: JURIPAR: GUWAHATI-37

No. DRD-15/5/2015/246
Dated 20-10-2017

OFFICE ORDER

The following institution is hereby entrusted to conduct a study on the high expenditure made by the Development Blocks under MGNREGA for the FY 2016-17 allotted to them as shown in the table as follows:

Sl. No	Name of the Institute	District for enquiry	Block for enquiry
1.	Tezpur University	Udalguri	Udalguri
		Sonitpur	Dhekiajuli

The criteria for the study are as follows:

i) Reason for high expenditure in the Development Blocks.

ii) Adherence to the prescribed procedures, norms, guideline in planning and implementation.

iii) Status of physical assets created in the Development Blocks under MGNREGA.

iv) The study should be completed within 3 (three) months.

The Expenditure for the study will be borne from the 6% Administrative Expenditure under MGNREGA @ Rs.1.50 lakh per Development Block.

(Dr. J.B. EKKA, IAS)
Commissioner,
Panchayat & Rural Development, Assam

Dated 20-10-2017

Memo No. DRD-15/5/2015/246-A
Copy to :-

1. P.S to the Hon'ble Minister, Panchayat & Rural Development, Assam for kind appraisal to the Minister, P&RD, Assam
2. P.S to the Addl. Chief Secretary, Panchayat & Rural Development Deptt., Assam for kind appraisal to the Addl. Chief Secretary.
3. Prof. S.S. Sarkar, Principal Investigator, Tezpur University for information and necessary action.

(Dr. J.B. EKKA, IAS)
Commissioner,
Panchayat & Rural Development, Assam

Dean, R&D / for info.
PO
Dr B. Borah, CSE

30/10/20

Serial No. 16
Dated Receipt 17 ... 2017
Office of the Registrar
Receipt No 4323
Date ... 2017
Received by ...

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi-110067

F. No. 9-11/RIFD/MODROB/Policy-1/2016-17

The Drawing and Disbursing Officer
(Actl)

Sub: **Release of Grant-in-Aid under Modernization and Removal of Obsolescence Scheme (MODROBS) for the year 2016-17 payable during the current financial year 2017-18.**

Sir,

I am directed to convey the sanction of the Council for payment of Rs. 240000/- (Rupees Two Lakh Fourty Thousand Only) for the year 2016-17 under the Modernization and Removal of Obsolescence Scheme (MODROBS) to Tezpur University, Napaam,Tezpur - 784 028 District : Sonitpur, Assam, India for meeting the expenditure for implementing the Scheme as per details given below:

1	Name of the Beneficiary Institution	: Tezpur University, Napaam Tezpur - 784 028,District : Sonitpur, Assam, India
2	Chief Coordinator's Name & Deptt.	: Dr. Bhogeswar Borah, Deptt. of Computer Science/ Technical En
3	Title of the Project	: Modernization of Basic Hardware Laboratory
4	Grant-in-aid Sanctioned ***(80% in advance and 20% as reimbursement on submission of UC and other related documents)***	: **Rs.240000/-** [*Rs.197647 /- for non-recurring and Rs.42353 /- for recurring expenditure]*
5	**Amount to be released**	: **Rs. 240000/-**
6	Approved Duration (in years)	: **2 Year**

1. The sanctioned grant-in-aid is debitable to the major Head 601.4.a MODROBS grant and is valid for payment during the financial year 2016-17.

2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of The Principal / Director / Registrar Tezpur University, Napaam,Tezpur - 784 028, District : Sonitpur, Assam, India.

3. The Institute is requested to verify the correctness of the under mention bank account/ RTGD submitted by them along with the proposals, in which the grant is being released. In case of any omission the same should be report6ed to AICTE immediately along with refund of entire grant.

Bank Name	Bank Branch and address	Account Holder's Name	Account Number	Type of Account	IFSC Code	Type of Institution	Institution's PAN No.
STATE BANK OF INDIA	Lake Road, Tezpur, Sonitpur, Assam	TEZPUR UNIVERSITY R & D	30448821505	Saving Account	SBIN0000195	Government	AAAJT2654F

4. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within **one month** of the receipt of the grant, the approval shall ipso facto lapse.

5. Each project sanctioned by AICTE is assigned a specific Ref. No. given on the pre-page. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.

6. The accounts of the grantee which are liable to be audited by the Council or Comptroller and Audited General of India or by any Officer designated for the purpose.

7. The institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.

8. The grantee shall utilize grants on only approved items of expenditure (list enclosed). However in case the grantee wishes to recast the project, approval of the Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India.

contd...2/-

Copy: Dr. Bhogeswar Borah, CSE
01.11.2017

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9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed encumbered or utilize for the purpose other than those for which the Grant was given without proper sanction of the All In Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All In Council for Technical Education.

10. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a registe assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

11. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular proj However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may eit refund the interest amount to AICTE or AICTE should adjust the same in the next installment of grant before releasing

12. Since the duration of the project is for two years, the request for reimbursement of 20% of remaining amount shall be made w UC and other related documents in such a way that the entire project is completed in the prescribed period of two years.

13. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate sha be submitted to AICTE not later than one month after completion.

14. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization in the format and GFR-19 shall be submitted to th Council.

15. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.

16. The grantee shall follows the terms and conditions of Modernization and Removal of Obsolescence (MODROBS) as laid down in the scheme details under AICTE AQIS 2016-17.

17. The Grantee shall fully implement the official language policy of Union Government and comply with the official language Act, 196 and official language (use of official purposes of the Union Rules, 1976 etc.)

18. The University / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be inscribed with AICTE project file number.

19. The funds to the extent are available under the scheme.

20. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the Rules and Regulation of the scheme.

Yours Sincerely

(Dileep N. Malkhede
Advisor (RIFD)
30/3/17

Copy forwarded for information and necessary action to:

1. THE PRINCIPAL / DIRECTOR / REGISTRAR,
   Tezpur University, Napaam, Tezpur - 784 028
   District : Sonitpur, Assam, India,

2. Dr. Bhogeswar Borah ,
   Deptt Of Computer Sceince & Engineering
   Tezpur University, Napaam, Tezpur - 784 028
   District : Sonitpur, Assam, India,

3. Office of Director General of Audit,
   General Revenues,
   AGCR Building, I.P. Estate,
   New Delhi-110 002.

4. Guard

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बी.ए.बी.एक्स./PABX : 26588980, 26588707, 26589336, 26589745, 26589414
फैक्स/FAX : 011-26588662, 011-26589791, 011-26589258

ग्राम/GRAM : विज्ञानी / SCIENTIFIC
Web-site : www.icmr.nic.in
E-mail : icmrhqds@sansad.nic.in

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 58/10/2015-BMS

Date: 7.11.2017

Subject:- Payment of 1st instalment of the 1st year grant-in-aid for the project entitled "Isolation, identification and characterization of marker proteins from the Venom of Naja Kaouthia and Bungarus fasciatus of North East India for Development of Rapid Diagnostic Tool for Identification of snakebite in North East India"

MEMORANDUM

The Director General of the ICMR sanctions **grant** of Rs. 2,88,750/- [Rupees two lakhs eighty eight thousand seven hundred fifty only] as the 1st instalment of the 1st year grant for the period from 1.2.2018 to 31.7.2018 for incurring expenditure in connection with the above mentioned project.

The amount of Rs. 2,88,750/- may be debited under the provision made of Rs.19,24,000/- on the above mentioned research project for the year 2017-2018.

A formal bill for Rs. 2,88,750/-is sent herewith for payment by NEFT/RTGS in favour of the Registrar, Tezpur University, Tezpur Assam. This issued with the concurrence of the Finance Divn., vide RFC No. BMS/Adhoc-NER/1/2017-2018 dated 9.10.2017

Contingency @ Rs. 5,50,000 = Rs. 2,75,000 + over head 5% Rs. 13,750/- = Rs. 2,88,750/-

(G.S.Sandhu)
Admn. Officer
For Director General

Accounts. V. ICMR

Copy to: The Registrar, Tezpur University, Tezpur 784028 Assam

2. Dr.Robin Doley, Associate Professor, Deptt. of Molecular Biology and Biotechnology, Tezpur University, Tezpur 784028 Assam

It is requested that an audited statement of account together with utilization certificate of the grant received and utilized in may kindly be sent to this office .

IRIS Cell No. 2014-3050
Central File.

Admn. Officer
For Director General

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Tel 26588695, 26588980,
26580704, 26589336
Email headquarters@icmr.org.in
icmrhqds@sansad.nic.in

GRAM :SCIENTIFIC
FAX :011-2658xxxx

INDIAN COUNCIL OF MEDICAL RESEARCH

V. Ramalingawami Bhawan, Ansari Nagar, Post Box No. 4911
New Delhi - 110029

APPLICATION FOR GRANT-IN-AID OF AD-HOC RESEARCH PROJECT

(Please furnish 30 copies)

Section A
GENERAL

1. Title of the Research Project – **Isolation, Identification and Characterization of Marker Proteins from the Venom of *Naja kaouthia* and *Bungarus fasciatus* of North East India for Development of Rapid Diagnostic Tool for Identification of snakebite in North East India**

2. Name and Designation of

   i) Principal Investigator & Email – **Dr. Robin Doley**
   Associate Professor
   Dept. of Molecular Biology and Biotechnology
   Tezpur University, Tezpur-784028, Assam India
   doley@tezu.ernet.in

   ii) Co-Investigator(s) & Email - **Dr. A. K. Mukherjee**
   Professor
   Dept. of Molecular Biology and Biotechnology
   Tezpur University, Tezpur-784028, Assam India
   akm@tezu.ernet.in

3. Duration of Research Project — 3 years

   i) Period which may be needed for collecting the data — 2 years

   ii) Period that may be required for analyzing the data — 1 year

4. Amount of grant-in-aid asked for
   (details are to be furnished in Section B)

Heads	1st year	2nd year	3rd year	Total
i. Staff JRF (01) (@ 25,000 for 1&2 yrs and @28000 for 3 yr)	3,00,000.00	3,00,000.00	3,36,000.00	9,36,000.00
Contingencies	50,000.00	50,000.00	50,000.00	1,50,000.00
Recurring	5,00,000.00	5,00,000.00	5,00,000.00	15,00,000.00
Non recurring (equipment)	10,00,000.00	0	0	10,00,000.00
Travel	50,000.00	50,000.00	50,000.00	1,50,000.00
Overhead charges	50,000.00	50,000.00	50,000.00	1,50,000.00
Total	**19,50,000.00**	**9,50,000.00**	**9,86,000.00**	**38,86,000.00**

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19

REGISTERED

COUNCIL OF SCIENTIFIC AND IN[illegible]L RESEARCH

EXTRAMURAL RESEARC[illegible]
CSIR COMPLEX, PUSA, NEW DEL[illegible]

No. 02(0327)/17/EMR-II Dated : 08-11-2017

From : Head, Human Resources Development Group

To

DR BIPUL CHANDRA SARMA
DEPT OF CHEMICAL SC
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :MULTICOMPONENT CRYSTAL TECHNOLOGY TO IMPROVE DRUG PHARMACOKINETIC ATTRIBUTES

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA/JRF/SRF		
III	Contingency (per annum in ₹)	1st Year : 3,00,000	2nd Year : 3,00,000	3rd Year :3,00,000
IV	Equipment (lumpsum in ₹)	5,00,000 (LS)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/11/2017 to 31/03/2018

No	Grants	Amount (in ₹)
I	Staff	1,80,000
II	Contingency	1,25,000
III	Equipment	5,00,000
	Total :	**8,05,000**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/~~Principal/Director~~, Tezpur University, Tezpur - 784028 (Assam). The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

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एस.पी. मिश्र
उप कार्यकारी निदेशक-I
S. P. MISHRA
Deputy Executive Director-I

भारतीय राष्ट्रीय [illegible] अकादमी
बहादुर शाह जफर [illegible] दिल्ली 110 002
INDIAN NATIONAL SCIENCE ACADEMY
Bahadur Shah Zafar Marg, New Delhi-110 002

No.INSA/SP/YSP/145/2017/ 1584
November 15, 2017

21 NOV 2017

Sub: INSA Young Scientist Project

Dear Dr. Pratihar

This has reference to your letter along with research proposal entitled "**Ruthenium, Nickel and Palladium based Homogeneous Catalysts for Ethanol to Butanol conversion**" for consideration of grant under Young Scientist Project. I am pleased to inform you that Academy has approved this project for three years from the date of starting the project which is to be renewed every year on the receipt of satisfactory Annual Progress Report. You may join the above position on and before 31 March, 2018.

Research grant of Rs. 5.00 lacs per annum for three years to cover research related expenditure including travel to participate in seminars/ symposia and field work (including overhead charges upto a maximum of 20% of the project cost, if applicable).

Please send the enclosed claim bill (in duplicate) duly filled in through your Institutional Head for release of grant.

With regards,

Yours Sincerely,

SP Mishra
DED-I (Scientific)

Dr. Sanjay Pratihar
Department of Chemical Sciences
Tezpur University
Assam-784028

Copy to:

1. Director, Tezpur University, Assam-784028
2. DED-II (F&A), INSA
3. Office Copy

टेलीफोन/Tel. : 91-11-23221931 – 23221950 (ई.पी.ए.बी.एक्स./EPABX)
फैक्स/Fax : 91-11-23231095, 23235648 ई-मेल/E-mail : dedsc@insa.nic.in
वेबसाइट/Website : www.insaindia.res.in

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ा.दू.एक्स./PABX : 26588980, 26588707, 26589336, 26589745,
26589873, 26589414
क्स/FAX : 011-26588662, 011-26589791, 011-26589258

Serial No. 1953
Date of Receipt 11/12/2017
Dean R&D

(4)

वैज्ञानिक / SCIENTIFIC
www.icmr.nic.in
E-mail: ...rhqhd@hub.nic.in

भारतीय आयुर्विज्ञान अनुसंधान परिषद्

INDIAN COUNCIL OF MEDICAL RESEARCH

वी.रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

0.5/7/1346/2015-CH

Dated: 22/11/2017

(1) Dean R&D / for MAP
(2) F.O.
3

Office of the Registrar
5242
08 DEC 2017

egistrar,
ezpur University
apaam, Tezpur,
ssam-784028

ubject:- **Sanction of budget allotment for the New Research proposal entitled** "An Assessment of conflict as a ocia determinant of health in the North East region of India" Under Ms. Veda Yumnam, Tezpur, University, Assam.

ir/Madam,

The Director General of the council sanctions the above mentioned project with total budget allotment of s. **17,00,660/-** for a duration of 2years (details in Annexure-1). Details of the first year budget of **Rs. 12,17,785/-** .e.f. 01.12.2017 along with 1st installment are provided in Annexure-2.

The grant-in-aid will be given subject to the following conditions.

1 The payment of the grant will be made in two installments in the name of Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in advance.
2. The staff appointed on the project should be paid as indicated in the attached budget statement.
3. The approved duration of the research scheme is **2 years**. The annual extension will be given after review of the work done on the research scheme during the previous year.
4. Six copies of the annual progress report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.
5. The Institute will maintain a separate account of the receipts and the expenditure incurred on the research scheme and will furnish an utilization certificate and an audited statement of the account pertaining to the grant.
6. The other terms and conditions are indicated in Annexure- III

The receipt of this letter may please be acknowledged.

Yours faithfully.

(Harjeet Kaur Bajaj)
Admn. Officer
for Director General

S.O. (P.I.)
Ahmd 11/12/17

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Copy together with a copy of the budget statement forwarded for information to:

(3)

1. Ms. Veda Yumanm. Assistant Professor at the Deptt. Of social work. Tezpur University. Napaam. Sonitpur. Assam.
2. Copy together with two copies of the budget statement forwarded to **Accounts Section-V,** ICMR for information and necessary action. The expenditure on the account may be met from the provision made under **head Tribal** on grant-in-aid basis in the budget of the Council for the financial year 2017-18.
3. Finance Division.
4. IRIS cell: 2015-0380.

RFC No: RCH/TSP/1/2017-18 dated 15.11.2017

for Director General

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FILE NO EMR/2017/001829

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Fl
Vasant Square M
Plot No. A, Community Cen
Sector-B, Pocket-5, Vasant K
New Delhi-110(

Dated: 29-Nov-2

ORDER

inancial Sanction of the research project titled **"Studies on signal transduction mechanism(s) of Indian cobra (Naja naja) and Russell's Viper (Daboia russeli eurotrophin molecules in cultured neuronal cells and their functional significance"** under the guidance of Prof. Ashis Kumar Mukherjee, Molecular Biology echnology, Tezpur University , Distt sonitpur p b no 72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. Robin Doley, Associate Professor, Molecular Biology echnology, Tezpur University - Release of 1st grant

n of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 3929600/-** (Rs. Thirty Nine Lakh Nine Thousand Six Hundred **Only**) with break-up of **Rs. *500000/-* under Capital (Non-recurring) head** and **Rs.*3429600/-* under General (Recurring) head** for a n of 36 months The items of expenditure for which the total allocation of **Rs. 3929600/-** has been approved are given below: llowing budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

	Head	Total (in Rs.)
	Non-recurring	
	Equipment -> CO2 Incubator (Other Cost INR 139999)	5000
	Total (Non-Recurring)	***5000***
	Recurring Items	
	Recurring - I (Manpower)	10296
	Recurring - II (Consumables, Travel, Contingencies)	20500
	Recurring - III (Overhead Charges)	3500
	Total (Recurring)	***34296***
	Total cost of the project (A' + B')	**39296**

action of the **SERB** is also accorded to the payment of **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 1130000/-** (Rupe Lakh Thirty Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installmen grant for the year 2018-2019 for implementation of the said research project.
The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
release is being made under Core Research Grant. (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers **8 November, 2018** and vide Diary No **SERB/F/9755/2018-2019** dated **28 November, 2018**

ction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benef the staff employed in the project

while providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent and contingency.

As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

The release amount of **Rs. 1630000/-** (Rupees Sixteen Lakh Thirty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by mean RTGS transaction as per their Bank details given below:

Account Name	**Tezpur University R&D**
Account Number	**30448821505**

24/12/2018

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e & Branch	State Bank of India State bank of India, Lake Road, Sonitpur-784001, Tezpur
S Code	SBIN0000195
d A/C Holder	registrartu@tezu.ernet.in
d PI	akm@tezu.ernet.in

itute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-(Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

itute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

ject File no. EMR/2017/001829 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of ng staff if any. beyond the duration of the project

is the first grant being released for the project, no previous U/C is required.

stitute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New

anization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, y body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well l letters in the opening paragraphs of their Annual Report.

tion, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

cretary
w Delhi

rded for information and necessary action to: -

The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002

Sanction Folder, SERB , New Delhi

File Copy

Prof. Ashis Kumar Mukherjee
Molecular Biology and Biotechnology
Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011
Email: akm@tezu.ernet.in
Mobile: 917896003886

Dr. Robin Doley
Molecular Biology And Biotechnology
Tezpur University

(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)

Registrar,
Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur

(Receipt of Grant may be intimated by name to the undersigned)

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

24/11/2017

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Budget Details

File Name :EMR/2017/001829

Project Title :Studies on signal transduction mechanism(s) of Indian cobra (Naja naja) and Russell's Viper (Daboia russelii) venoms neurotrophin molecules in cultured neuronal cells and their functional significance

PI Name :Ashis Kumar Mukherjee

S. No	Head	Total (in Rs.)
A	**Non-recurring (Capital Items)**	
1	Equipment -> CO2 Incubator - 1	500000
A'	***Total - Capital***	***500000***
B	**Recurring Items**	
1	Manpower -> Junior Research Fellow - 1	1029600
2	Consumables	1800000
3	Travel	100000
4	Contingencies	150000
5	Other Cost 0	0
	General - I (Manpower, Consumables, Travel, Contingencies)	**3079600**
	General - II Overhead Charges	**350000**
B'	***Total - Recurring***	***3429600***
C	**Total cost of the project** (without overhead)	**3079600**
D	**Total cost of the project (A' + B')**	**3929600**

24/11/2017

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विज्ञान एवं प्रौद्योगिकी उच्च अध्ययन संस्थान

(भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग के अधीन एक स्वशासी संस्थान)

विज्ञान पथ, पश्चिम बड़ागाँव, गड़चुक, गुवाहाटी -781035, असम : भारत

INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY

AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA

VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI-781035, ASSAM, INDIA.

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Memo No. IASST/PF/20-12/

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 27/1/2021
RECEIPT NO.....
SIGNATURE 6984

Date: 21-01-21

To

The Dean R&D
Napaam, Tezpur,
Sonitpur, Assam- 784028
(Through Prof. R. Doley, Head, Dept. of MBBT & Co-PI of the project)

Forwarded for consideration
25/1/2021
Head,
Dept. of MBBT, T.U.

Sub: Reg: Transfer of SERB project (Studies on signal transduction.....functional significance) from Tezpur University to IASST, Guwahati

Dear Prof. Karak

As you are aware, I have joined IASST, Guwahati on 23rd Nov, 2020. Initially, I decided that project may be continued under the PI-ship of Prof. R. Doley (Co-PI of the project), however, several technical difficulties are being faced for operation of this project at MBBT, Tezpur University and therefore, both the PI & Co-PI have mutually agreed to transfer this project at IASST, Guwahati. However, Prof. R. Doley will continue to act as Co-PI in the project.

In this regard, I am submitting a NOC from IASST and you are also requested to issue a NOC for the same so both can be submitted to the funding agency for transfer of the project as per rule.

The latest copy of UC/SE is enclosed and a copy of the project report is also enclosed with this letter for further necessary action at your end.

We wish to get your kind co-operation and prompt action at your end.

With regards

Ashis K. Mukherjee
(Director, IASST)

निदेशक/Director
आई.ए.एस.एस.टी, पश्चिम बड़ागाव
IASST, Paschim Boragaon
गुवाहाटी-3... भारत
Guwahati-7810... India

Enclosures:

1. NOC from IASST
2. Latest UC/SE
3. Project report

Phone : +91-361-2273058, 2270095 Fax : +91-361-2273062
Website : www.iasst.gov.in; E-mail : dir.iasst@nic.in

27/1/21

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सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुर शाह जफर मार्ग नई दिल्ली–110002
Bahadurshah Zafar Marg, New Delhi - 110002
Phone : 011-23604410, 011-23604425

ज्ञान-विज्ञान विमुक्तये

Received on 28/02/2018
(J.P. Saikia)
Tezpur University.

FD Diary No.8131
Dated : 19.12.2017

No.F.30-405/2017(BSR)

Dated: December, 2017

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002.

0 9 JAN 2018

Subject:- **Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2017-2018 under Revenue.**

Sir,

The University Grants Commission convey its approval and allocate a sum of **₹10,00,000/- (Rupees Ten Lakhs Only) @ ₹10.00 Lakh to each Faculty** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of **₹8,00,000/- (Rupees Eight Lakhs only) (80% of the approved Grant ₹10.00 Lakhs to each Faculty)** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2017-2018.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (₹)	Amount being released (80%) (₹)
UGC-BSR Start-up grant for newly recruited faculty at Assistant Professor level in science department	3(D) (i) 31	Dr. Jyoti Prasad Saikia	Molecular Biology and Biotechnology	10,00,000/-	8,00,000/-
			Total:	10,00,000/-	8,00,000/-

2. The sanctioned amount is debitable to the major Head **3(D) (i) 31** and is valid for payment during the financial year 2017-18 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** through Electronic mode as per the following details:

a.	**Details (Name & Address) of Account Holder**	:	**Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.**
b.	**Account No.**	:	**1699695635**
c.	**Name & Address of Bank Branch**	:	**Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784 001, Assam.**
d.	**MICR Code**	:	**784016002**
e.	**IFSC Code**	:	**CBIN0281346**
f.	**Type of Account**	:	**Saving**

4. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.

5. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and

New Delhi -110016

14th December, 2017

ORDER

Subject: Financial assistance (1st installment) to the Department of Physics, Tezpur University, Napaam-784028. (Assam) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of Rs. 1,92,00,000/- (Rupees One crore and Ninety two lakh only) for 5 years The detailed breakup of the grant for General as well as Capital Components are given below:

To augment the post-graduate teaching and research facilities in the Department
Capital Assets:Rs. 180.0 L
E–Rs.160.0L [Major Equipment–Rs. 130.0 L (Field Emission Scanning Electron Microscope) and Minor Equipment–Rs. 30.0 L (Single Langmuir Probe, Automatic Refractometer)]
NW–Rs. 10.0 L[for setting up a Computer lab]
IF–Rs. 10.0 L-[Books-Rs. 5.0 L and Renovation of Lab-Rs. 5.0 L]
General Components: Rs. 12.0L
M–Rs. 12.00 L
Total : Rs. 192.00 Lakh

Serial No. 030
Date of Receipt 04.01.2
File No. Dean R&D

2. The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1st year	2nd year	3rd year	4th year	5th year	Total
Equipment	130.0	30.0	-	-	-	160.0
Networking	-	10.0	-	-	-	10.0
Infrastructure	1.0	1.0 (B) 5.0 (Renovation of Lab)	1.0	1.0	1.0	10.0
Maintenance	-	3.0	3.0	3.0	3.0	12.0
Total	131.0	49.0	4.0	4.0	4.0	192.0

3. Sanction of the President is also accorded to the release of Rs. 1,31,00,000/- (Rupees One crore and thirty one lakh only) to the Registrar, Tezpur University, Napam, Tezpur-784028, (Assam) under FIST Program as a 1st installment of the grant in 2017–2018 under 'creation of capital assets' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the 'Equipment'. The break-up of the 1st installment grant released now would be 'Equipment': Rs. 130.0 lakh for procurement of Major Equipments mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process] and Infrastructure Facility –Rs. 1.0 L for Books.

4. The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure. The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id genrated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

Head, Dept of Physics -
Please submit the fist Project Proposal, forwarding letter from Univ. for issue of registration no. by Dean R&D office.
04/1/2018

Contd..2/..

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Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 20.12.2017

ORDER

Sub: Financial approval of the project under Women Scientist Scheme-A (WOS-A) entitled "Photocatalytic degradation of oranic pollutants in water using LDH and zeolite nanoparticles."

PI Dr Rasna Devi, Department of Chemical Sciences, School of Science and Technology, Tezpur University, Tezpur-784028, Assam.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **₹29,95,500/-** (Rupees Twenty Nine Lakh Ninety Five Thousand Five Hundred only) for a duration of 3 years. The detailed breakup of the grant for General (₹27,95,500/-) as well as Capital (₹2,00,000/-) Components are given below:

Sl. No.	Heads	1st Year	2nd Year	3rd Year	Total
A.	***Non-Recurring*** **(Capital Items)**				
	Equipments: UV light, UV cubet, Autoclave, GC column, Magnetic stirrer, Heating mantle, Water bath, Oil bath	2,00,000/-	----------	----------	2,00,000/-
B.	***Recurring***(General)				
	Fellowship for Ph.D @ ₹ 55,000/-	6,60,000/-	6,60,000/-	6,60,000/-	19,80,000/-
	Consumables	1,50,000/-	1,50,000/-	1,00,000/-	4,00,000/-
	Contingencies	25,000/-	25,000/-	25,000/-	75,000/-
	Travel	25,000/-	25,000/-	25,000/-	75,000/-
C.	**Overhead**	1,00,000/-	1,00,000/-	65,500/-	2,65,500/-
D.	**Total of Recurring Grant (B+C)**	**9,60,000/-**	**9,60,000/-**	**8,75,500/-**	**27,95,500/-**
E.	**GRAND TOTAL (A+D)**	**11,60,000/-**	**9,60,000/-**	**8,75,500/-**	**29,95,500/-**

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in
3. The sanction of the President is also accorded to the release of **₹9,60,000/-** (Rupees Nine Lac Sixty Thousand only) under "General Component" to The **Registrar, Tezpur University, Tezpur-784028, Assam** being the first installment of the grant for the year 2017-2018 for implementation of the above mentioned project.
4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that.

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

Contd../2

Dr. R. Devi
Please remit the project proposal, forwarding letter for issuing registration no. of this project.
03/1/2018

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DST/KIRAN/06/2020
Government of India
Department of Science & Technology
KIRAN Division

Technology Bhavan
New Mehrauli Road
New Delhi-110016

Dated: 22.01.2021

OFFICE MEMORANDUM

Subject: Extension of Project Duration in Women Scientist Scheme (WOS-A & WOS-B) of KIRAN Division due to COVID-19 pandemic.

In view of extraordinary situation occurred due to COVID-19 pandemic, it has been decided to extend the project duration till **March 31, 2021 without any additional cost**.

2. This OM will be applicable only in the projects completing during 2020-21.

3. This OM will also applicable in the projects extended earlier vide OM No. DST/KIRAN/04/2020 dated 09.10.2020. These projects can be further extended till March 31, 2021, if required, from revised date of project completion.

4. The Principal Investigators (PIs) who wanted to extend their project duration may show this Office Memorandum to the Institution/University authorities. No separate Order will be issued for this duration.

5. The PI also need to intimate DST (officer-in-charge of the concern programme) about extension and modified date of project closure through email mandatorily.

6. The unspent amount of recurring and non-recurring grant will be carry forward from 2019-20 to 2020-21. PIs are allowed to procure approved equipment items in second financial year of the project also.

7. The institute will furnish to the DST, audited Utilization Certificate and Statement of Expenditure pertaining to the grant immediately after the end of each financial year.

8. As per the 212 (i) of GFR, the accounts of the project shall be open to inspection by sanctioning authority and audit both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act, 1971 and internal audit by the Principal Accounts Officer of DST, whenever the institute or organization is called upon to do so.

Sanjay

(Sanjay Kumar Mishra)
Head, KIRAN Division

Copy forwarded for information and necessary action to:

1. All the Directors/Registrars/Account Officers of the Host Institutions.
2. Principal Investigators of WOS-A and WOS-B.
3. Office of Secretary, DST.
4. IFD, DST

Sanjay

(Sanjay Kumar Mishra)
Head, KIRAN Division

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(5)

विश्वविद्यालय अनुदान आयोग - प[illegible]र्जा विभाग वैज्ञानिक अनुसंधान संकुल
UGC-DAE Consorti[illegible]or Scientific Research
(विश्वविद्यालय अनुदान आयो[illegible]ली द्वारा स्थापित स्वशासी संस्थान)
(An autonomous [illegible]n of UGC, New Delhi)

मुंबई केन्द्र
umbai Centre

Ref: UDCSR/MUM/AO/CRS-M-293/2017/590

Date: 19 DEC 2017

To,
Prof.Ashok Kumar
Department of Physics
Tezpur University
Tezpur - 784028

Sub: Sanction of Collaborative research Scheme titled ***"Study of interactions of Ionic Liquid ions with unsaturated metal centers in Metal Organic Frameworks based Polymer Electrolyte nanocomposites incorporated with Ionic Liquids through Neutron scattering and Raman Spectroscopy" (CRS-M-293)***

Dear Prof.Kumar,

We are happy to inform you that following the Project Review Meeting held on 22nd August, 2017 at Mumbai, your above Collaborative Research Scheme (CRS) project has been sanctioned. Presently the project is sanctioned for one year w.e.f 1st January, 2018, but it may be extended after a **review every year**, subject to a total period of three years. The financial sanctions for the year 2018 are as follows:

Sl. No.	Head	Amount sanctioned for current year (01.01.2018 – 31.12.2018)(*)
1.	Scholarship / Fellowship(#)	(**)
2.	Chemicals/Consumables	30,000.00
3.	Contingency	15,000.00
	Total	**45,000.00**
Note:	**No overheads are available under this scheme**	

(*) Funds under scholarship will be transferred after appointment of student as per the guidelines of UGC DAE CSR.

(**) Grants under scholarship will be transferred after appointment of student as per the guidelines of UGC-DAE CSR. If the student has already been appointed in your project and is continuing in the project, you may please provide the appointment extension letter for release of Scholarship / Fellowship.

(#) Point no. 2.4 of guideline is to be invariably mentioned in the appointment letter issued to the student.

Guidelines regarding implementation of the CRS, Review, Appointment of Project fellow, Travel support to the PI or Student to visit BARC for performing experiments, etc. are enclosed herewith.

Dr.Mala N. Rao (Email:mala@barc.gov.in) and Dr.Rekha Rao Email: rekhar@barc.gov.in) Solid State Physics Division, BARC will be your Principal Collaborator (PC) for the above scheme. You may contact him for implementation of the scheme.

Please send us your acceptance letter by 15.01.2018. On receipt of your acceptance letter, financial grant for CRS will be sent through NEFT/ RTGS (kindly provide details in the enclosed format along with the acceptance letter) to the **Registrar/Financial Authority** of your Institute, subject to receipt of funds from UGC, New Delhi.

Thanking you,

Yours sincerely

19/12/2017
Administrative Officer

Encl : As stated

Copy to,
1. Registrar, Tezpur University, Tezpur - , Assam. -784028
2. Head, Solid State Physics Division, BARC, Trombay, Mumbai-400 085.
3. Director, UGC-DAE CSR, Univ. Campus, Khandwa Road, Indore-452 017.
4. Dr.Mala N. Rao, Solid State Physics Division, BARC,Trombay, Mumbai – 400 085.
5. Dr.Rekha Rao, Solid State Physics Division, BARC,Trombay, Mumbai – 400 085.

२४६-सी, दूसरी मंज़िल, सामान्य सुविधा भवन, भाभा परमाणु अनुसंधान केन्द्र, ट्रॉम्बे, मुंबई - ४०० ०८५
C, 2nd Floor, Common Facility Building, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085.
Phone : +91 022 25505327, 25594727 • Fax : +91 022 25505402

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No. BT/RLF/Re-entry/28/2016
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th Floors
CGO Complex, Lodi Road,
New Delhi 110 003.

Dated: 19th February, 2018.

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978, for the implementation of the Project proposal entitled "**Integrative approach for understanding the role of noncoding mutations in the evolution of biological systems**" by Dr. Pankaj Barah, Assistant Professor, Department of Molecular Biology and Biotechnology, Tezpur Central University, Assam- 784028 at a total cost of Rs. 88.00 lakhs (Rupees Eighty eight Lakhs only) as a part of her Ramalingaswami Fellowship 2015-16 w.e.f. 1st February, 2018 on the terms and conditions detailed as per under:-

2.0 The Project

2.1 Project Title: "**Integrative approach for understanding the role of noncoding mutations in the evolution of biological systems**".

2.2 **Investigator**

Name of the Awardee: Dr. Pankaj Barah
Assistant Professor
Department of Molecular Biology and Biotechnology,
Tezpur Central University, Assam- 784028

Objectives

An integrative computational method will be developed, and benchmarked for the identification of significant noncoding mutations in plant and human genomes, in population scale.

The developed method will be used to delineate the role of *cis*-regulatory mutations on local climate adaptation and genome evolution in two plant species namely - *Arabidopsis thaliana* and *Oryza sativa*

Signatures of *Intra*-specific and *inter*-specific variations in *cis*-regulatory sequences will be identified using data from 1000 ecotypes of *Arabidopsis thaliana*, and 3000 cultivars of *Oryza sativa*.

Multi-omics data (DNA, RNA and methylome profiles) from human glioblastoma samples will be used to identify significant noncoding mutations associated with glioma progression and therapy resistance

Project will contribute towards human resource development, through teaching and research guidance.

3 **Time Schedule**

The duration of the fellowship is 5 years w.e.f. 1st February, 2018.

4 **Fellowship Amount**

(Rs. in Lakhs)

	1st Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr.	Total
ship @ Rs 85,000/- p.m	10.20	10.20	10.20	10.20	10.20	**51.00**
lidated)	10.00	7.50	5.00	5.00	5.00	**32.50**
a) Contingency grant	0.90	0.90	0.90	0.90	0.90	**4.50**
@ Rs 7,500 p.m. consolidated	**21.10**	**18.60**	**16.10**	**16.10**	**16.10**	**88.00**
al						

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(7)

. The contingency research grant may be utilized for the purchase of consumables, minor ment, international and domestic travel, engaging manpower and other contingent expenditure to ured in connection with the implementation of the project.

a) If the host institute is providing free accommodation, no House Rent Allowance (HRA) is ssible and same needs to be refunded to the department.

) If the host institute is deducting HRA and license fee for the accommodation provided, then the e may be recovered from the HRA being paid to the fellow. However, reimbursement shall be ted to the HRA being paid by DBT. Excess recovery, if any, has to be made by the host institute ectly from the fellow.

As regards the medical benefits, host institute may consider giving medical benefits from r own resources at level of Scientist 'D' as applicable to their regular faculty

In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at e rate of ten per cent per annum thereon shall be recovered.

Budget Head

The expenditure involved is debitable to

Demand No. 85	:	**Department of Biotechnology**
3425	:	Other Scientific Research (2017-2018)
3425.60	:	Other (Sub Major Head)
3425.60.200	:	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	:	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	:	Assistance for Research and Development
3425.60.200.29.17.31	:	Grants-in-aid General

The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit

The Registrar, Tezpur Central University, Napaam Sonipur, Assam-784028 is requested to furnish to this Department 'Utilization Certificate' and an audited 'Statement of Expenditure' at the end of the year.

This issues under the powers delegated to this Department and with the concurrence of IFD vide their SAN No. 102 IFD SAN 4275/2017-18 dated:13-02-2018.

This sanction order has been noted at Serial No. 147 in the Register of Grants.

(Meenakshi Munshi)
Adviser/Scientist 'G'

The Pay & Accounts Officer
Department of Biotechnology
New Delhi -110003

Copy forwarded for information/ necessary action to:

The Principal Director of Audit (Scientific Departments), AGCR Building, IP Estate, New Delhi - 110 002.
Cash Section, DBT (2 copies)
IFD, DBT
Dr. Pankaj Barah, Assistant Professor, Department of Molecular Biology and Biotechnology, Tezpur Central University, Assam-784028

[redacted]

Adviser/Scientist 'G'

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AISTDF Secretariat
Science & Engineering Research Board (SERB)
Vasant Square Mall, Vasant Kunj,

No. IMRC/AISTDF/R&D/P-3/2017

New Delhi-110067
Dated: 01-02-2018

ORDER

Approval of the Chairman AISTDF (Secretary DST) is hereby accorded for implementation/ execution of the ASEAN-India Collaborative research project entitled "**Studies on epidemiology, hospital management of snakebite, and standardization of laboratory tests for assessment of efficacy and quality control of commercial antivenom manufactured in India and in ASEAN countries**" for a period of 3 years wef date of issue of the sanction order.

2. The composition of the project team(s) is as below:

Indian side	**ASEAN side**
Dr. Ashis Kumar Mukherjee, Professor & Dean, Department of Molecular Biology and Biotechnology, Tezpu University, Tezpur -7 84028 (Assam) SRF- to be appointed	1. Dr. CHOO HOCK TAN, Senior Medical Lecturer, Department of Pharmacology, University of Malaya, 50603 Kuala Lumpur, MALAYSIA. 2. DR. LE VAN DONG, Associate Professor, Department of Toxicology and Radiology, Vietnam Military Medical University, Hadong District, Hanoi city, Vietnam-100000.

3. The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilized only for the approved items /visits of participating scientists, as mentioned above.

4. The break-up of estimated expenditure is as indicated below-

4.1 Mobility: (**Indian side: From India to ASEAN MS-1-Malaysia)**

Year	Name of the visitor and duration of each visit	International air-fare, visa fee, overseas insurance etc (on actual)	Accommodation, per-diem etc. (all inclusive)	Total
	Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
	SRF (to be appointed) (30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
	Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
	SRF (to be appointed) (30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
	Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
	SRF (to be appointed) (30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
			Total	**10,02,000/-**

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Mobility: (**Indian side: From India to ASEAN MS-2-Vietnam)**

Name of the visitor and duration of each visit	International air-fare, visa fee, overseas insurance etc (on actual)	Accommodation, per-diem etc. (all inclusive)	Total
Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
SRF (to be appointed) (30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
SRF (to be appointed)(30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
Dr. Ashis Kumar Mukherjee (14 days)	50,000/-	84,000/- (6000x14)	1,34,000/-
SRF (to be appointed)(30 days)	50,000/-	1,50,000/- (5000x30)	2,00,000/-
		Total	**10,02,200/-**

Research expenses (Indian side)

Accessories/ appliances etc.	Chemicals & Consumables etc	Project scientific manpower	Total
Nil (Capital equipments not permitted under the scheme)	1,00,000/-	One SRF – 3,69,600/-	4,69,600/-
NA	2,00,000/-	One SRF – 3,69,600/-	5,69,600/-
NA	1,00,000/-	One SRF – 3,69,600/-	4,69,600/-
		Total	**15,08,800/-**

Mobility expenses (visits from ASEAN MS-1 to India)

Name of the visitor and duration of each visit	International air-fare and overseas insurance etc (on actual)	Accommodation, per-diem etc (all inclusive)	Total
Dr. Choo Hock Tan, Malaysia (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
Dr. Choo Hock Tan, Malaysia (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
Dr. Choo Hock Tan, Malaysia (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
		Total	5,28,000/-

Mobility expenses (visits from ASEAN MS-2 to India)

No. and duration of each visit to India	International air-fare and overseas insurance etc (on actual)	Accommodation, per-diem etc. (all inclusive)	Total
Dr. Le Van Dong (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
Dr. Le Van Dong (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
Dr. Le Van Dong (21 days)	50,000/-	1,26,000/- (6000x21)	1,76,000/-
		Total	5,28,000/-

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(27)

Total (Travel costs ie Tables 4.1+4.2+4.4+4.5)	**30,60,000/-**
Total (non-travel expenses ie Table 4.3)	**15,08,800/-**
Over-head expenses (5% of the non-travel expenses)	**75,000/-**
Grand Total	**46,43,800/-**

5. Sanction of the Chairman-AISTDF (Secretary DST) is also accorded for the release of **Rs. 15,47,000/- (Rupees Fifteen Lakh Forty Seven Thousand Only)** as an initial installment for incurring expenditure during the first year of the project and payment of this amount may be made electronically to the Indian institute as per the bank account details given below-

Account name	**Tezpur University R&D**
Bank name & Branch	**SBI TU Branch, Napam**
Account Number	**30448821505**
IFSC Code	**SBIN000195**

6. The release of this grant is subject to:-

i) No re-appropriation of funds from one sub-head to another is allowed.

ii) Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately in prescribed format (attached), at-least 4 weeks in advance before incurring any expenditure for this purpose.

iii) Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up to date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization under the project

iv) The international / domestic air-travel pertaining to visits under this project is to be performed only by lowest economy and shortest route.

v) The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of grant.

7. The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

8. The expenditure involved is to be debited "AISTDF-R&D-GIA-Recurring "sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2017-18.

9. This issues under the delegated powers to the Ministries/Departments and with the approval of Chairman, AISTDF (Secretary. DST) and financial concurrence of Director (Finance) AISTDF vide San no. 100/F8891/2017-2018 dated 31-01-2018.

(R K SHARMA)
Scientist-E & Secretary AISTDF

To,
The Accounts Officer,
AISTDF Secretariat- SERB,
New Delhi-110067

Copy to –
1) Dr. Ashis Kumar Mukherjee, Professor & Dean, Department of Molecular Biology and Biotechnology, Tezpu University. Tezpur -7 84028 (Assam)
2) The Registrar, Tezpu University, Tezpur -7 84028 (Assam)
3) The Director (Finance)- AISTDF. SERB. New Delhi
5) Sanction folder.

(R K SHARMA)
Scientist-E & Secretary AISTDF

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অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিবেশ পৰিষদ
(বিজ্ঞান আৰু প্ৰযুক্তি বিভাগ, অসম চৰকাৰ)
ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL
(Department of Science & Technology, Govt. of Assam)
GYAN BHAWAN
S. ROAD
UWAHATI – 781005
sam, India
Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : www.astec.gov.in

Received by ... Dated 31/1/2018

ASTEC/S&T/1614/5/2/2017-18/853-860 Dated 19.02.18

m : Dr. A. K. Misra,
Director, ASTE Council

: Prof. S.C. Deka,
Dept. of Food Engineering & Technology, Tezpur University

) : Financial grants for the project titled, "Valorization of Culinary Banana Flower: waste to value addition using green technologies".

In inviting a reference to the subject as cited above, the Director, ASTE Council is pleased to sanction am of **Rs. 2, 00, 000/- (Rupees Two Lakhs Only)** for the aforementioned project proposal submitted by you er the following heads of expenditure:

.No	Budget head	Amount (in Rupees)		
		1st Year	2nd Year	Total
	Manpower	-	-	—
	Consumables	80,000	80,000	1,60,000/-
	Raw materials	10,000	10,000	20,000/-
	Travel	10,000	10,000	20,000/-
and Total				**2,00,000/-**

nd Total: **Rs. 2, 00, 000/- (Rupees Two Lakhs Only)**

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(1)

are requested to note the following points:

- Out of the total sanctioned amount, a sum of Rs 1,60,000/- (Rupees One Lakh Sixty Thousand) only will be released as first installment. The balance amount of Rs 40,000/- (Rupees Forty Thousand) only will be released after receipt of final report of the project along with the utilization certificate and expenditure statement in our prescribed format duly signed by Head of the Institution/organization and the PI and countersigned by Chartered Accountant against the total sanctioned amount. At the end of the project, the P.I has to submit 3 (three) hardbound project reports (observations, photographs, findings, evaluations, etc).
- Half yearly progress reports are to be submitted by the P.I to the Council regularly.
- All relevant books of accounts including released amount from this Council are to be maintained properly. The accounts shall be open for inspection by the sanctioning authority/audit whenever the institute/ individual is called upon to do.
- Enclosed herewith a copy of "BOND FOR ACCEPTING GRANTS". It should be signed by Head of the Institution/ organization and PI and duly submitted to the Council.
- The above mentioned project is to be completed within two years.

It is to be **noted that under no circumstances you can avail any grants/ sanction from any other** partment **against the aforesaid project.**

You are requested to submit your acceptance of the grant along with "BOND FOR ACCEPTING ANTS" and other terms and conditions mentioned above immediately so that the fund can be released ordingly.

Yours faithfully

(Dr. A. K. Misra)
Director, ASTE Council

py to:
1. The Registrar, Tezpur University - for favour of information and necessary action.
2. Concerned file of S&T Division, ASTE Council
3. Dy. FAO, ASTE Council

19.02.18
(Dr. A. K. Misra)
Director, ASTE Council

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Serial No... 542 ...
Date of Receipt 12/2/2018
File No... Deom R&D ...
Received by ... ...

जैव विज्ञान अनुसंधान बोर्ड
रक्षा अनुसंधान एवं विकास संगठन मुख्यालय
तृतीय तल, डी आर डी ओ भवन
कमरा न 399/04 नई दिल्ली 110011
टेली फैक्स - 011-23012652
टेलीफोन 011-23007894
Email : lsrb@hqr.drdo.in

Life Sciences Research Board
Defence Res. & Dev. Organisation HQ
3rd Floor, DRDO Bhawan
Room No. 399/04, New Delhi – 110011
Tele Fax : 011-23012652
Tele : 011-23007894
Email : lsrb@hqr.drdo.in

No. O/o DG (TM)/81/48222/LSRB-312/FSH-ABB /2017

Date: 26 .02.2018

To,

The Dean
Research and Development
Tezpur University
Napaam Assam -784028

Sub : **GRANTS IN AID SCHEME OF LIFE SCIENCES RESEARCH BOARD**

In exercise of powers vested in the Life Sciences Research Board vide Govt. of India, Ministry of Defence letters No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998 and subsequent amendment made vide letter No.CC R&D (TM)/01/01/Research Boards/247/D (R&D) dated 03rd Feb 2014 and DRDO/ DBFA/FA/83226/M/01/2031/D(R&D) dated 30 Jul 2010, para 3.1, as amended from time to time, I hereby convey the sanction of the Board for the following project at the cost of **Rs. 22,73,557/- (Rupees Twenty two lakh seventy three thousand five hundred and fifty seven only).**

Project Title and No:

Title : **"Value Addition of Banana Flower using Green Technologies to develop combat food"**

No : **LSRB-312/FSH-ABB /2017**

PI : **Prof Sankar Chandra Deka**
Principal Investigator & Professor and Former Head
Dept of Food Engineering & Technology
Tezpur University, Napaam-784028
Sonitpur, Assam
Ph: 03712-267007/267004, Fax No: 03712-267005/267006
Email: admn@tezu.ernet.in sankar@tezu.ernet.in

Co-PI: **Dr Amit Baran Das**
Assistant Professor
Dept of Engineering & Technology
Tezpur University, Assam
Napaam-784028
Ph: 03712-267004
Mob: 084739-83419
Email: amittu@tezu.ernet.in

Copy: Prof. S Deka, FET
09/3/2018

PDC : 02 Years

Cost : Rs. 22,73,557/- (Rupees Twenty two lakh seventy three thousand five hundred and fifty seven only).

LSRB.....

5/18

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No. O/o DG (TM)/81/48222/LSRB-312/FSH-ABB /2017

COST BREAK-UP

Grants	1st year IC	2nd year IC	Line total
(a). Research Staff (JRF-01)	3,24,000	3,24,000	6,48,000
Non-expandable: Equipment and stores:			
Double beam UV-Vis Spectrophotometer (1)	7,00,000	-	7,00,000
Expandable: Store, consumables chemicals etc.			
Glassware and chemicals	3,00,000	2,50,000	5,50,000
(c). TA/DA (including TA/DA of specialist/ monitors (s) for the project)	55,000	55,000	1,10000
(d). Contingencies	40,000	18,870	58,870
(e). Overhead charges	1,41,900	64,787	2,06,687
Total	15,60,900	7,12,657	22,73,557

Grand Total: Rs. 22,73,557/- (Rupees Twenty two lakh seventy three thousand five hundred and fifty seven only).

2. The research staff is only for the duration of the project. DRDO holds no responsibility for further employment/absorption of the staff. The staff will be recruited as per rules & procedure of the grantee institution.

3. Statements of account duly certified by the executive financial authority of the institution are also required to be submitted along with the annual reports. **Excess expenditure, beyond the yearly sanction, unless authorised by LSRB in writing, shall be the responsibility of the grantee institution.**

4. The annual statement of Expenditure & utilization certificate should be in accordance with the **General Financia Rule-19 (GFR-19).**

5. The duration of the project is **02 Years.** The date of issue of this letter would be reckoned as the commencemen date of the project.

6. PI to ensure that the laboratory guidelines for genetic engineering, animal experimentation and medical ethic issued by DBT, Animal Welfare Division (CPCSEA) and Ministry of Health & Family Welfare, Govt. of India, respectivel and any other statutory issues related to the experiments are adhered to.

7. A separate saving bank account for the grant would be maintained by **The Dean, Research & Development Tezpur University, Napaam Assam-784028** and interest earned thereon would accrue to LSRB. **In case of interest not accrue under the project the reason for the same may be incorporated in utilization certificate for audi purpose.** Unspent balance, on completion of the project should be sent by the grantee institution through a Draft in favou of CDA (R&D), New Delhi to LSRB Secretariat for depositing the amount back in Govt. accounts.

8. A list of inventory of equipment purchased out of LSRB grant shall be intimated along with annual report/closur report, giving item-wise cost, date of purchase and source of procurement to LSRB Sectt. The equipment should b stamped LSRB Project number and each item should be serially numbered. The photocopy of the stock register maintained by the institute/university for the non-expendable and expendable stores may be submitted duly audited with certificate from the audit authorities that **"the necessary check has been made and the inventory is found to be i order".** For further details, kindly refer the website of DRDO/LSRB i.e http://www.drdo.gov.in/drdo/English/indexCorpDir.jsp?pg=home.jsp&dir=LSRB

9. On completion of the project, the grantee institution would forward the consolidated audited list equipments and expendable items, if any, with request for retention of equipment for another project or in hou R&D, with due recommendations of their executive authority.

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form is enclosed for filling up the required information and forwarding alongwith a blank cancelled cheque bearing account number.

No. O/o DG (TM)/81/48222/LSRB-312/FSH-ABB /2017

14. In case of premature termination/closure of the project, the grantee institute is liable to refund the entire budget released to them alongwith interest.

15. **Closure report** – On completion/closure/termination of the project, three copies of the consolidated closure report as per annexure III (refer website) will be submitted within three months with all necessary certificates and financial information. It should give sufficient technical details of project, achievements in relation to the originally stated objectives of the project and utilization of results.

16. Ensure about providing of reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and services.

17. The expenditure will be debited to Major Head - 2080 (Defence Services) R&D Minor Head-004 Research & Development, Code Head 852/05 of the Defence Services Estimates.

18. Contingent bill (in triplicate) for the release of grant for first year i.e. **Rs. 15,60,900/- (Rupees Fifteen lakh sixty thousand and nine hundred only)** duly completed and signed on revenue stamp with official seal by the competent financial authority of the institute alongwith ECS mandate form may please be forwarded to us immediately for onward submission to PCDA for payment.

19. This issues with the concurrence of IFA (R&D), New Delhi vide their UO No 1940/1532 dt 22.02.2018.

20. The sanction code is DG TM/TM/LSRB/GIA/17-18/0397 dt 26.02.2018.

21. Kindly acknowledge receipt.

Yours faithfully

(Dr. Rajio Singh)
Member Secretary,
Life Science Research Board
O/o DG (TM)

Ink Signed Copy :

(i) PCDA (R&D), DRDO Cell, West Block-V, R K Puram, New Delhi-110066
(ii) IFA (R&D), DRDO Bhawan, New Delhi-110011
(iii) DGADS, 'L-1' Block, Church Road, New Delhi-110011
(iv) OS & DG (TM), DRDO Bhawan, New Delhi-110011
(v) DS & DG (LS), DRDO Bhawan, New Delhi-110011
(vi) **Prof Sankar Chandra Deka** : For information Please
Principal Investigator & Professor and Former Head
Dept of Food Engineering & Technology
Tezpur University, Napaam-784028

Copy to:

(vii) Chairman Spl Panel FSH-ABB and Director, DFRL, Mysore
(viii) Member Secretary, ARMREB, DRDO Bhawan, New Delhi-110011
(ix) Member Secretary, AR&DB, DRDO Bhawan, New Delhi-110011
(x) Member Secretary, NRB, DRDO Bhawan, New Delhi-110011
(xi) DER&IPR, DRDO Bhawan, New Delhi-110011

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"NATIONAL MISSION ON HIMALAYAN STUDIES"
G.B. Pant National Institute of Himalayan Environment and Sustainable Development (GBPNIHESD)
Kosi-Katarmal, Almora - 263643, Uttarakhand, India

Ref. No.: GBPNI/NMHS-2017-18/SG-05/610

Date: 26-02-2018

To,

Dr. Awadhesh Kumar
North Eastern Regional Institute of Science & Technology (NEIRST)
Nirjuli, Itanagar, Arunachal Pradesh

Subject: Approval of the Small Grant (SG) for the project entitled **"Exploring Wildlife and Nature Based Tourism as a Potential Livelihood Option for Local People inhabiting in and around the Protected Areas in Eastern Himalayas, Arunachal Pradesh: A Sustainable approach for biodiversity conservation"**

Sir,

I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs. 45,00,295/- (Rupees Forty Five Lakh Two Hundred Ninety Five only)** for a period of three years, as per the break-up given below:-

Head	1st year (in Rs.)	2nd year (in Rs.)	3rd year (in Rs.)	Total
A. Recurring				
(i) Salary: 01 SRF @ Rs.28,000/-+ HRA @ 8% per month for Three years, 01 Field Assistant @ Rs.10,000/- per month fix for three years.	482880.00	482880.00	482880.00	1448640.00
(ii) Travel:	160000.00	200000.00	150000.00	510000.00
(iii) Consumables:	100000.00	100000.00	100000.00	350000.00
(iv) Contingency: Outreach material and awareness camps, papers, printer cartridge, postal charges, etc.	70000.00	100000.00	80000.00	250000.00
(v) Activities & other project cost: (workshop and training materials including travel for experts and workshop expenses.	200000.00	400000.00	220000.00	820000.00
(vi) Institutional charges/ Overhead:	Nil	200000.00	300000.00	500000.00
B. Non Recurring				
(i) Equipments: Desktop computer (1 No.), Laptop (1 No.), Printer (1 No.), Project with stand (1 No.), DSLR digital camera (1 No.), SLR Zoom lens (200-500 mm), Binoculars (4 Nos.), Night vision binocular (1 Nos.), GPS (2 Nos.) Portal weatherstation-1 nos.	621655.00	Nil	Nil	621655.00
Grand Total A+B	1684535.00	1482880.00	1332880.00	4500295.00
Grantee Contribution should be 10% of the project cost.				

2. The approval of the project is subject to incorporation of following points:

No M-12013/04/2015- SAGY (AI)
Government of India
Ministry of Rural Development
Department of Rural Development

Krishi Bhavan, New Delhi
Dated 1st March, 2018

To
Shri Subhrangshu Sekhar Sarkar
Department of Business Administration
Tezpur University
Tezpur, Assam-784028

Subject: Post-project Evaluation Study of Sansad Adarsh Gram Yojana (SAGY)- reg-

Sir/ Madam,

The undersigned is directed to convey the approval of Competent Authority to undertake the research project on **"Post-project Evaluation Study of Sansad Adarsh Gram Yojana (SAGY)-" for 2 states namely Odisha and West Bengal of zone-7 through** Tezpur University, Tezpur, Assam-784028. The total cost of the study will be **Rs.18,63,400/- (EIGHTEEN LAKHS SIXTY THREE THOUSAND FOUR HUNDRED ONLY)** and to be completed within a period of 6 months. Further this is to inform you that Performance guarantee for an amount of 5% of the total project cost i.e. Rs. 93,170/- may be deducted from the first installment. For further details ToR and contract may be referred to.

It is requested to submit the following at the earliest by Speed-post/courier

1. Acceptance letter
2. Signed copy of ToR
3. Signed copy of Contract/Agreement on Non judicial Stamp paper of Rs. 100/-
4. Pre-receipt, affixing revenue stamp for 1st installment and invoice (30% of total project cost)
5. Banking details of the Institute(A/c No, Bank Name and Branch, IFSC Code etc) on the letter head of the Institute
6. Attested copy of PAN and cancelled cheque of the above said bank.
7. The University will have to submit an undertaking specifying that the funds being released by the Ministry shall be properly utilized by the University to fulfill the said objectives of the study in the enclosed format. In case of any diversion/misutilisation of funds the University will be sole responsible and recovery will be made from the university with interest

In addition to above, it is further requested to register your institute in the PFMS (Public Finance management System), if not registered already and forward a copy of registration to the Ministry.

Rekha Chauhan
(Rekha Chauhan)
Deputy Secretary, Monitoring

Encl :ToR , Contract and proforma of undertaking

No M-12013/04/2015- SAGY (AI)
Government of India
Ministry of Rural Development
Department of Rural Development

Krishi Bhavan, New Delhi
Dated 1st March, 2018

To
Shri Subhrangshu Sekhar Sarkar
Department of Business Administration
Tezpur University
Tezpur, Assam-784028

Subject: Post-project Evaluation Study of Sansad Adarsh Gram Yojana (SAGY)- reg-

Sir/ Madam,

The undersigned is directed to convey the approval of Competent Authority to undertake the research project on **"Post-project Evaluation Study of Sansad Adarsh Gram Yojana (SAGY)-" for zone-8 through** Tezpur University, Tezpur, Assam-784028. The total cost of the study will be **Rs.25,36,600/- (TWENTY FIVE LAKHS THIRTY SIX THOUSAND SIX HUNDRED ONLY)** and to be completed within a period of 6 months. Further this is to inform you that Performance guarantee for an amount of 5% of the total project cost i.e. Rs. 1,26,830/- may be deducted from the first installment. For further details ToR and contract may be referred to.

It is requested to submit the following at the earliest by Speed-post/courier

1. Acceptance letter
2. Signed copy of ToR
3. Signed copy of Contract/Agreement on Non judicial Stamp paper of Rs. 100/-
4. Pre-receipt, affixing revenue stamp for 1st installment and invoice (30% of total project cost)
5. Banking details of the Institute(A/c No, Bank Name and Branch, IFSC Code etc) on the letter head of the Institute
6. Attested copy of PAN and cancelled cheque of the above said bank.
7. The University will have to submit an undertaking specifying that the funds being released by the Ministry shall be properly utilized by the University to fulfill the said objectives of the study in the enclosed format. In case of any diversion/misutilisation of funds the University will be sole responsible and recovery will be made from the university with interest

In addition to above, it is further requested to register your institute in the PFMS (Public Finance management System), if not registered already and forward a copy of registration to the Ministry.

(Rekha Chauhan)
Deputy Secretary, Monitoring

Encl :ToR , Contract and proforma of undertaking

FILE NO. EMR/2016/006146

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 15-Mar-2018

ORDER

Subject: Financial Sanction of the research project titled **"Development of mulberry and non-mulberry silk of Assam as potential biomaterials for healthcare and bioengineering applications by using atmospheric dielectric barrier discharge (A-DBD) plasma"** under the guidance of Dr. Arup Jyoti Choudhury, Physics, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. Gazi Ameen Ahmed, Associate Professor, Department Of Physics, Tezpur University and by Dr. Manabendra Mandal, Associate Professor, Department Of Molecular Biology And Biotechnology, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 7018165/-** (**Rs.** Seventy Lakh Eighteen Thousand One Hundred and Sixty Five **Only**) with break-up of **Rs.** ***4450550/-*** **under Capital (Non-recurring) head** and **Rs.*2567615/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 7018165/-** has been approved are given below: The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Electro-spinning unit -> Current probe -> Vacuum oven -> Laboratory fume hood -> Digital oscilloscope -> Freeze Dryer (lyophilizer) -> High voltage probe -> Desktop computer, printer, scanner -> Ultracentrifuge -> Digital mass flow meter with controller -> Probe sonicator	4450550
A'	*Total (Non-Recurring)*	***4450550***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1029600 900000
2	Recurring - III : (Overhead Charges)	638015
B'	*Total (Recurring)*	***2567615***
C	**Total cost of the project (A' + B')**	**7018165**

2. Sanction of the **SERB** is also accorded to the payment of
- **Rs. 4450550/-** (Rupees Forty Four Lakh Fifty Thousand Five Hundred and Fifty only) under 'Grants for creation of capital assets' and **Rs. 300000/-** (Rupees Three Lakh only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Physical Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **13 March, 2018** and vide Diary No. **SERB/F/10479/2017-2018** dated **14 March, 2018**

1/:

27/3/2018

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5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 4750550/- (Rupees Forty Seven Lakh Fifty Thousand Five Hundred and Fifty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Registrar, Tezpur University
Account Number	30448821505
Bank Name & Branch	State Bank of India State Bank of India Main Branch, Lake road, Tezpur-784001, Sonitpur, Assam
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	biren@tezu.ernet.in
Email id of PI	arupjchoudhury@gmail.com

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/006146 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

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DSIR/TDUPW/116/2017
Government of India
Ministry of Science & Technology
Department of Scientific & Industrial Research
****

Technology Bhavan, New Delhi -110 016
Dated: 19th March, 2018

To

The Pay & Accounts Officer,
Department of Scientific & Industrial Research (DSIR)
Technology Bhavan, New Delhi – 110 016

Sub: Financial support to **Department of Energy, Tezpur University, Assam** for proposal titled Women empowerment and skill development through technological intervention in cooking stove' **under TDUPW programme of DSIR - Release of 1st installment**

Sir,

Reference is made to the proposal of **Department of Energy, Tezpur University, Assam** for proposal titled 'Women empowerment and skill development through technological intervention in cooking stove' under TDUPW programme of DSIR with the following financial outlay for phase 1 of the project up to 31.03.2020:

(Amount in Rs.)

S.No.	Head	Phase 1
1.	Manpower	1,92,000
2.	Consumables	2,00,000
3.	Training expenditure	80,000
4	Contingency	1,10,000
5	Monitoring and review meetings	50,000
6.	Institutional overheads	30,000
7.	Others (equipment)	3,08,160
	Total	9,70,160

2. Sanction of the President of India is hereby conveyed for a financial support of Rs. 9,70,160/- (Rupees Nine Lakh Seventy Thousand One Hundred Sixty Only) as Grant in Aid General to Department of Energy, Tezpur University, Assam with break-up of proposed support as stated above. Sanction of the President of India is also conveyed for release of 1st installment of Rs. 5.0 Lakh (Rupees Five Lakh Only) as Grant in Aid General to Department of Energy, Tezpur University, Assam to meet expenses during the phase 1 of the project.

3. The amount of **Rs. 5.0 Lakh (Rupees Five Lakh Only)** will be drawn by the Drawing and Disbursing Officer, DSIR and will be disbursed through RTGS/NEFT to the following as per Bank Account details given below:

Name of the beneficiary with full address	Tezpur University R&D Account Registrar, Tezpur University, Napaam, Tezpur, Assam-784028
Name and address of the Bank	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001
Bank Account No.	30448821505
IFSC Code	SBIN0000195
MICR Code	784002002
Amount	**Rs. 5.0 Lakh (Rupees Five Lakh Only)**

डा. सारेका मदान / Dr. SARIKA MADAN
उपसचिव 'डी' / Deputy Secretary 'D'
भारत सरकार / Government of India
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
Department of Scientific & Industrial Research
टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016
Technology Bhawan, New Mehrauli Road, New Delhi-110016

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4. The release of the funds by DSIR shall be in two installments, viz. 1st installment of Rs. 5.0 Lakh as advance, and 2nd installment of Rs. 4,70,160/- subject to satisfactory progress of the project and submitting the audited Statement of Expenditure (SE) and Utilization Certificate (UC), and submission of project completion report for phase 1 of the project and based upon recommendations of the Project Review Committee (to be constituted by DSIR) and Tezpur University achieving the targeted milestones/deliverables as stated in terms and conditions. DSIR is committed for any further release in the project only up to 31.03.2020

5. Department of Energy, Tezpur University, Assam has signed the 'Terms & Conditions' which are annexed to this Sanction Letter.

6 As per Rule 236 of GFR, the accounts of Department of Energy, Tezpur University, Assam shall be open to inspection by the sanctioning authority / audit whenever Department of Energy, Tezpur University, Assam is called upon to do so.

7. As per Rule 238 (1) of GFR, relating to Utilization Certificate (UCs), Department of Energy, Tezpur University, Assam will be required to submit UC for the previous installment of grant released under the project.

8 The expenditure involved is debited to **Demand No. 86**: Department of Scientific & Industrial Research for the year **2018-19**; 1826 – Industrial Research and Development; Major Head 3425 – Other Scientific Research; 60– Others (Sub-Major Head); 200– Assistance to Other Scientific Bodies (Minor Head); 62- Access to Knowledge for Technology Development and Dissemination (A2K+); 62.01 Access to Knowledge for Technology Development and Dissemination (A2K+); 62.01.31 – Grants-in-Aid (General).

9 This sanction issues under the powers delegated to this Department and with the concurrence of JS&FA, DSIR vide Diary No. 25/FA/DSIR dated 08.02.2019 and approval of Secretary, DSIR vide Diary No. 378/Secy.(DSIR)/2019 dated 10.03.2019.

10. Sanction Order details has been entered in Divisional sanction order register vide Sl. No. 43 dated 19.3.2019.

Yours faithfully

Sarika

(Dr. Sarika Madan)
Scientist 'D'

Copy to:-

1. Cash Section, DSIR – (with 2 spare copies)
2. Prof. C.L. Mahanta, Dean, Research and Development, Tezpur University, Tezpur -784028 Assam
2. Shri Ashwani Gupta, Scientist G & Head A2K+, DSIR
3. Dr. Sujata Chaklanobis, Scientist F & Member Secretary TDUPW, DSIR
4. Shri V.K. Varun, Scientist F and Head IT-eG, DSIR
5. Dir(F), IFD, DSIR
6. Accounts Section, DSIR
7. The Director of Audit (CW&M-II), AGCR Building, IP Estate, New Delhi -110 002
8. Relevant Project File
9. Sanction Folder

Sarika
19.3.2019

(Dr. Sarika Madan)
Scientist 'D'
Tel: 011-2659 0534, Email: sarika.madan@nic.in

डा. सारिका मदान / Dr. SARIKA MADAN
वैज्ञानिक 'डी' / Scientist 'D'
भारत सरकार / Government of India
वैज्ञानिक और औद्योगिक अनुसंधान विभाग
Department of Scientific & Industrial

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398

Release Order

File No. DBT-NER/AGRI/33/2016 (Group-6)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 22 / 3 /2018

ORDER

In continuation of this department's sanction order of even number dated 22/3 /2018, sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the release of **First year grant** of **₹ 56.06 Lakhs (Rupees Fifty Six Lakhs and Six Thousand only)** to **The Pro-Vice Chancellor, North Eastern Hill University, Tura Campus, Meghalaya** for the implementation of a network project under **'DBT's NER-Banana Program for the NE'** titled ***"Value addition of banana (Musa. sp) and creating small scale enterprises of Meghalaya tribal community though minimal processing technology"*** by Mr. Sasikumar Raju, North-Eastern Hill University, Tura Campus, Meghalaya and Dr. Thirunagnavel A, ICAR-National Research Centre for Banana, Tiruchirappalli, Tamil Nadu, as per the details given below:

(₹ in lakhs)

	Heads	**1st Year**
I.	**Non-Recurring** (Equipments and accessories)	48.26
Sub Total- I		**48.26**
II.	**Recurring**	
1	Manpower	3.30
2	Consumables	2.50
3	Travel	0.50
4	Contingency	0.50
5	Overhead charges	1.00
Sub Total- II (1-5)		**7.80**
GRAND TOTAL (I+II)		**56.06**

(Rupees Fifty Six Lakhs and Six Thousand only)

2. The other terms and conditions governing the financial sanction will remain unaltered.

3. The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

4. "As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so "

5. M/s Biotech Consortium India Ltd., Anuvrat Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi-110 002, who is administrating the North Eastern Region Biotechnology Program Management Cell (NER-BPMC) of the department, is hereby authorized to disburse the amount of **₹ 56.06 Lakhs (Rupees Fifty Six Lakhs and Six Thousand only),** as referred in Para 1 above, in favor of **"The Pro-Vice Chancellor, North Eastern Hill University, Tura Campus, West Garo Hills, Tura-794002, Meghalaya"** by an account payee cheque/demand draft under scheme North Eastern Region Biotechnology Program.

6. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No. 102/I.F.D/SAN/1765-1767/2017-2018 Dated 20.07.2017.**

7. This sanction order has been noted at **Serial No.**398. in the Register of Grants.

8. Being the first release of the project, Utilization Certificate is not applicable.

9. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

10. No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

    a. Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

    b. In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

    c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

    d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

    e. The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

    f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

(Dr. T. Madhan Mohan)
Sr. Adviser, DBT

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi- 110 003.

Copy to:

1. The Principal Director of Audit (Scientific Department), AGCR Building, New Delhi - 110 002.
2. Cash Section, DBT (For information only).
3. Sanction Folder.
4. IFD, DBT.
5. The Pro-Vice Chancellor, North Eastern Hill University, Tura Campus, West Garo Hills, Tura-794002, Meghalaya.
6. The Vice-Chancellor, North Eastern Hill University, Tura Campus, West Garo Hills, Tura-794002, Meghalaya.
7. Mr. Sasikumar Raju, Assistant Professor, Department of Agri Business Management & Food Technology, North Eastern Hill University, Tura Campus, Chandmari-794002, Meghalaya.
8. Dr. Suresh C P, Professor, Department of Horticulture, North Eastern Hill University, Tura Campus, Chandmari-794002, Meghalaya.
9. Dr. Raj Kumar Duary, Assistant Professor-Microbiology, Department of Food Engineering & Technology, Tezpur University, Napaam-784028, Assam.
10. Concern File.
11. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvart Bhawan, 210, Deen Dayal Upadhyay Marg, New Delhi- 110002.

(Dr. T. Madhan Mohan)
Sr. Adviser, DBT

(5)

Administrative
(Application No: MED/2017/32)

File No. BT/PR24726/NER/95/833/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)
****

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 23 / 03 /2018

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under **'DBT's Twinning programme for the NE'** titled **"Development of synthetic derivatives of natural compound, Noscapine as tubulin binding chemotherapeutic agent and evaluation of its synergistic effect with Taxotere for management of human breast cancer"** by Dr. Anand Ramteke, Tezpur University, Napaam, Assam and Sambalpur University, Jyotivihar, Odisha at a total cost of **₹ 70.50 Lakhs (Rupees Seventy Lakhs and Fifty Thousand Only)** for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: **Development of synthetic derivatives of natural compound, Noscapine as tubulin binding chemotherapeutic agent and evaluation of its synergistic effect with Taxotere for management of human breast cancer.**

2.2 Project Investigators

2.2.1 Principal Investigator: (Parent Institute)
Dr. Anand Ramteke
Professor,
Dept. of Molecular Biology & Biotechnology,
Tezpur University,
Napaam - 784028, Assam

2.2.2 Principal Investigator: (Collaboration Institute)
Dr Pradeep Naik
Professor and Head,
Department Biotechnology and Bioinformatics,
Sambalpur University, Jyotivihar
Burla, Sambalpur- 768019, Odisha.

2.2.3 Co-Investigators: (Parent Institute)
Dr. Suvendra Ray
Professor and Head,
Dept. of Molecular Biology & Biotechnology,
Tezpur University,
Napaam - 784028, Assam

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2.2.4 Co-Investigators I:
(Collaboration Institute)

Dr. Srinivas Kantevari
Principal Scientist & Associate Professor,
Department of Organic Chemistry Division-II,
CSIR-Indian Institute of Chemical Technology
(CSIR-IICT), 225, First Floor, Main Building,
Hyderabad- 500007.

2.2.5 Co-Investigators II:
(Collaboration Institute)

Dr. Sabita Mohapatra
Professor and Head,
Department of Pharmacology,
Principal Scientist & Associate Professor,
Veer Surendra Sai University of Technology
(VSSUT), Sambalpur-768018, Odisha.

2.3 Objectives:

Tezpur University:

1. To evaluate and establish the in vitro anticancer efficacy of novel microtubule-interfering agent (design above) using breast cancer cells. Towards this end we will determine the effect of novel Noscapinoid to (i) inhibit cellular proliferation, (ii) perturb spindle architecture, (iii) binding affinity with tubulin, (iv) affect cell cycle kinetics, and (v) induce apoptosis in breast cancer cells.
2. To determine the combination dose regimen of promising Noscapinoid and Docetaxel (a clinically used taxane for metastatic breast cancer therapy) and evaluate its therapeutic outcome using in vitromodels.

Sambalpur University

3. To rationally design novel and potent derivative of Noscapine (called Noscapinoid) with high binding affinity onto α- and β-tubulin complex followed by chemical synthesis and structural characterization.
4. To evaluate the in vivo therapeutic efficacy of promising Noscapinoid as an inhibitor of localized and metastatic breast cancer using breast cancer model established in animal.
5. To evaluate the toxicity if any of promising Noscapinoid based on histopathology and hematology studies using animal model
6. To determine the combination dose regimen of promising noscapinoid and Docetaxel (a clinically used taxane for metastatic breast cancer therapy) and evaluate its therapeutic outcome using in vivo model as well as toxicity analysis.

2.4 Time Schedule:

The duration of the project is **Three Years** from the date of issue of sanction order.

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2.5 Equipment Details:

2.5.1 Tezpur University, Assam

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Inverted fluorescent microscope	9.00
2.	Deep Freezer (-80)	3.00
Total		**12.00**

2.5.2 Sambalpur University, Sambalpur, Odisha

Sl. No.	Description of equipment	Grant Recommended (Rupees in lakhs)
1.	Cryostat microtome	7.00
Total		**7.00**

2.6 Manpower:

Fellowship Conditions:

A year wise detail of manpower as proposed has been furnished below. HRA will be as per the Govt. Norms, an indication as stated below for the JRF and SRF's emoluments will be provided as a part of sanction order. JRF shall be ₹ 25,000/- + HRA for the 1st two years and ₹ 28,000/- + HRA for the 3rd year for SRF and applicable, (JRF - Post graduate Degree in Basic Science with NET qualification or graduate degree in Professional course with NET qualification or post graduate degree in professional course) JRF without NET qualification shall be ₹ 12,000/- + HRA for the 1st two years and ₹ 14,000/- + HRA for the 3rd year for SRF.

- For JRF/SRF/RA salary is as per the revised DST OM SR/S9/Z-09/2012, dated October 21, 2014.
- For Project Assistant salary is as per the revised DST OM C.30011/1/2007-IFD, dated 21st July 2008

2.6.1 Tezpur University, Assam

(₹ in lakhs)

S No.	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

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2.6.2 Sambalpur University, Sambalpur, Odisha

(₹ in lakhs)

S No.	Position (No)	Consolidated Emolument	1st Year	2nd Year	3rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1st & 2nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3rd yr	3.30	3.30	3.70	**10.30**
Total			**3.30**	**3.30**	**3.70**	**10.30**

2.7 Budget Estimate:

The total cost of the project is **₹ 70.50 Lakhs (Rupees Seventy Lakhs and Fifty Thousand Only)** as per budget summary given below:

2.7.1 Tezpur University, Assam

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	12.00	0.00	0.00	**12.00**
Sub Total- I	**12.00**	**0.00**	**0.00**	**12.00**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	5.00	4.00	4.00	**13.00**
3.Travel	0.50	0.50	0.50	**1.50**
4. Contingency	0.50	0.50	0.50	**1.50**
5.Overhead charges	2.00	1.00	1.00	**4.00**
Sub Total- II (1-5)	**11.30**	**9.30**	**9.70**	**30.30**
GRAND TOTAL (I+II)	**23.30**	**9.30**	**9.70**	**42.30**

2.7.2 Sambalpur University, Sambalpur, Odisha

(₹ in lakhs)

Heads	1st Year	2nd Year	3rd Year	Total
I. Non-Recurring (Equipment's and accessories)	7.00	0.00	0.00	**7.00**
Sub Total- I	**7.00**	**0.00**	**0.00**	**7.00**
II. Recurring				
1. Manpower	3.30	3.30	3.70	**10.30**
2. Consumables	3.00	3.00	2.00	**8.00**
3. Travel	0.25	0.25	0.25	**0.75**
4. Contingency	0.50	0.30	0.30	**1.10**
5. Overhead charges	0.50	0.30	0.25	**1.05**
Sub Total- II (1-5)	**7.55**	**7.15**	**6.50**	**21.20**
GRAND TOTAL (I+II)	**14.55**	**7.15**	**6.50**	**28.20**

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(i) **Grand total for 3 years (₹ 42.30 + ₹ 28.20) = ₹ 70.50 Lakhs**
(ii) **Total for 1st year release (₹ 23.30 + ₹ 14.55) = ₹ 37.85 Lakhs**

2.8 Other Terms & Conditions:

2.8.1 The other terms and conditions governing this sanction are attached at **Annexure-I.**

2.8.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given at **Annexure II** and the subsequent releases will be made only after signing of MoA by the grantee institute and its acceptance by DBT. All pages need to be signed by the PI and the forwarding authority and the MoA returned to DBT within 30 days of issue of this letter.

2.8.3 The Non-recurring items must be procured and installed within 6 month period from the date of sanction.

2.8.4 In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

2.8.5 No international travel will be undertaken from the sanctioned project grant unless specified otherwise.

2.8.6 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and statement of Expenditure. The interest so earned will be treated as created to the institute / Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Account.

2.9 Additional Terms & Conditions, specific for Twinning R&D program for NER:

2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

2.9.2 In the project review meetings, both the PI's from NER & RoI Institutions should participate & make presentation.

2.9.3 The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

2.9.4 The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

2.9.5 The project personal such as Research Associate, JRF/SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

2.9.6 The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

2.10 This issues under the powers delegated to this Department and with the concurrence of IFD, DBT vide their **Dy No/102/I.F.D/SAN/1765-1767/2017-2018 Dated 20.07.2017.**

2.10.1 This sanction order has been noted at **Serial No.**419-420 in the Register of Grants.

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Office of the Registrar
Receipt No. 744
26 APR 2018

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

evathy Vishwanath
ssistant Director
P Division Incharge
el #011-26716690
-mail: rpicssr@gmail.com/rpsicssr@gmail.com

SANCTION ORDER

No. G-28/2017-18/ICSSR/RP

Dated: March 28, 2018

he Registrar,
ezpur University
apaam, Dist: Sonitpur, Assam - 784028

ubject: Sanction of Research Programme entitled "Women and making of the public sphere in Contemporary Assam: An oral history digital archive" to **Dr Hemijyoti Medhi.**

ear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Programme submitted by **Dr Hemijyoti Medhi,** Dept of EFL, Tejpur Univeristy, Napaam, Sonipur, Assam. Co-Project Directors of the study are: Dr. Reetamoni Narzary, Asst Prof, Dept of English & Foreign Languages, Tezpur University, Napaam, Sonitpur, Assam. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.

2. The ICSSR has sanctioned a grant-in-aid of **Rs.10,00,000/-** (Rupees Ten lakhs only) for the above research project and the grant will be released as follows:

First instalment	:Rs.2,50,000/-
Second instalment	:Rs.2,50,000
Third instalment-Partial	:Rs.2,00,000
Third remaining	:Rs. 50,000
Fourth Instalment	:Rs.2,00,000/-
Publication cost*	:Rs. 50,000/-
Total	:Rs.10,00,000/-

Overhead charges @ 5% or Rs.1,00,000/-** whichever is lesser.

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .
**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.10,00,000/- is enclosed.)

3. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

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4. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
   a. If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
   b. If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
5. The Second instalment will be released after receiving a satisfactory nine monthly/Annual Progress Report, simple statement of accounts of the first instalment along-with signed copy of the minutes of the Advisory Committee set up by the ICSSR. (Depending upon the duration of the Project).
6. The Third instalment of 20% will be released after receiving the second Progress Report (18 months), simple statement of accounts of second instalment along-with signed copy of the minutes of the Advisory Committee. Remaining 5% of the third instalment will be released after receiving Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (three) and the statement of account of the third instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
7. The scholar should acknowledge support of ICSSR that the project has been sponsored by the ICSSR, in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
8. The Fourth instalment will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 19A form for the entire project amount duly signed by the Finance Officer/Registrar/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.
9. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation overhead charges @5% of the total expenditure or Rs.1,00,000/- whichever is lesser, incurred on the project only after successful completion of the project.
10. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
11. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/ Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
12. The Director of the research project will be **Dr Hemijyoti Medhi,** who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **18/04/2018,** as intimated by the scholar.

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13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

14. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

15. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Projects scheme (Research Programme) available in the ICSSR website www.icssr.org.

16. The expenditure on this account is debatable to the Budget Head-B Programmes Research Programme-Plan General. (09) Grant-in-aid for RPS.

17. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr Hemijyoti Medhi
   Dept of EFL
   Tezpur University
   Napaam, Dist: Sonitpur, Assam - 784028

2. Reetamoni Narzary
   Assistant Professor
   Dept of English & Foreign Languages
   Tezpur University, Napaam, Sonitpur, Assam 0 784028

3. Finance Branch, ICSSR, New Delhi

4. Record file

(Revathy Vishwanath)
For MEMBER-SECRETARY

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BT/01/17/NE/TAX
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003

Dated: 29th March, 2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled **"Bioresource and Sustainable livelihoods in North East India"** for a period of 3 Year 0 Month at a total cost of Rs. **2318.64243 lakhs** (**Rupees Twenty Three Crores Eighteen Lakhs Sixty Four Thousand Two Hundred and Forty Three Only**) on the terms and conditions detailed here under:-

2. The Project:

2.1 Title:Bioresource and Sustainable livelihoods in North East India

2.2 Overall Project Coordinator: Dr. GanesanRengaian, Fellow, Suri Sehgal Center for Biodiversity and Conservation, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Project Co-Coordinator: Professor DinabandhuSahoo, Director, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur

2.3 Project Investigators:

COMPONENT 1 – INVENTORIES AND MAPPING OF BIORESOURCES IN NORTHEAST INDIA

Subproject 1: ATREE, Bangalore

Principal Investigators: 1. Dr. GanesanRengaian, ATREE, Bangalore

Co- Investigator: **1. Dr. RavikanthGudsalmani**, (ATREE), Bangalore
2.Dr. MuneeswaranMariappan,(ATREE), Bangalore

Subproject 2: Assam - Balipara Foundation, Assam

Principal Investigator:1. Dr. Gitamani Dutta, Balipara Foundation, Assam

Subproject 3, 4, 5 Yet to be Identified:

Subproject 6:– Nagaland University, Nagaland

Principal Investigator:1. **Dr.NeizoPuro**, Nagaland University,Lumami

Co-Investigator:1. **Dr. Limasenla**, Nagaland University, Lumami

Subproject 7: Institute for Bioresources and Sustainable Development (IBSD), Manipur

Principal Investigator :1. Dr.Biseshwori Thongam, IBSD, Imphal, Manipur,

Subproject 8: Mizoram University, Mizoram

Principal Investigator: 1. **Dr. BiankaZote,** Mizoram University, Aizawl

Subproject 9: Tripura University, Tripura

Principal Investigator: 1. Dr. BadalDatta ,Tripura University, Tripura, Agaratala

Subproject 10:- North East Hill University (NEHU), Meghalaya

Principal Investigator: 1. **Dr. Uma Shankar**, North Eastern Hill University, Shillong

Mohd. Aslam

Subproject 11: National Botanical Research Institute (NBRI), Lucknow

Principal Investigator : 1. **Dr. Sanjeeva Nayaka,** NBRI, Lucknow

Co-Investigator:

1. **Dr. Tikam Rana**, NBRI, Lucknow
2. **Dr. Ashish Asathana,** NBRI, Lucknow
3. **Dr. Ajit Singh,** NBRI, Lucknow
4. **Dr. Poonam Singh ,** NBRI, Lucknow
5. **Dr. Suchi Srivastava,** NBRI, Lucknow
6. **Dr.Vinay Sahu,** NBRI, Lucknow
7. **Dr. kiran Toppo ,** NBRI, Lucknow
8. **Dr.Sandip Behera ,** NBRI, Lucknow
9. **Mr.Komal Ingle,** NBRI, Lucknow

Subproject 12: Institute for Bioresources and Sustainable Development (IBSD), Manipur

Principal Investigator : 1. **Professor Dinabandhu Sahoo**, IBSD, Imphal, Manipur

Co-Principal Investigator: 1. **Dr. Nanaocha Sharma,** IBSD, Imphal, Manipur

Subproject 13: - Agharkar Research Institute, Pune

Principal Investigator: 1. **Dr. Karthick Balasubramanian**, Agharkar Research Institute, Pune

Subproject 14: Institute for Bioresources and Sustainable Development (IBSD), Manipur

Principal Investigator: 1. **Dr. Shantibala Tourangbam**, IBSD, Imphal, Manipur

Subproject 15: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Principal Investigator: 1. **Dr. Priyadarsanan**, ATREE, Bangalore

Subproject 16: Rajiv Gandhi University, Arunachal Pradesh

Principal Investigator: 1. **Dr. Hiren Gogoi**, Rajiv Gandhi University, Arunachal Pradesh

Subproject 17: North Eastern Hill University (NEHU), Shillong

Principal Investigator: 1. Dr. Sundhanya Hajong, North Eastern Hill University, Shillong

Subproject 18: - Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Principal Investigator: 1. **Dr. Priyadarsanan**, ATREE, Bangalore

Subproject 19: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Principal Investigator: 1. **Dr. Aravind** , Fellow, ATREE, Bangalore

Subproject 20: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Principal Investigator: Dr. Ganesan Rengaian, ATREE), Bangalore

Co- Investigator:

1. **Dr. Ravikanth Gudsalmani**, ATREE, Bangalore
2. **Dr. Muneeswaran Mariappan,** ATREE, Bangalore

Component 2: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Selected Understudied Taxa of Northeast Region

Project Coordinator : Dr. Ajay Parida, Institute of Life Sciences , Bhubaneswar

Subproject 1: - Institute of Life Sciences (ILS), Bhubaneswar

Principal Investigator: 1. **Dr. Ajay Parida,** Institute of Life Sciences, Bhubaneswar

Co-Investigator: 1. **Dr. Nrisingha Kumar Dey,** Institute of Life Sciences, Bhubaneswar

Mold. Ashe

Subproject 2: Institute of Bioresources and Sustainable Development (IBSD), Imphal

Principal Investigator: 1.**Dr. Biseshwori Thongam**, IBSD, Imphal

Subproject 3: National Botanical Research Institution (NBRI)

Principal Investigator :

1. **Dr. K Narayana,** NBRI, Lucknow
2. **Professor S K Barik,** NBRI, Lucknow
3. **Dr. Tikam Rana**, NBRI, Lucknow
4. **Dr. Satya Narayanan Jena**, NBRI, Lucknow, Lucknow

Subproject 4 Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Principal Investigator: 1. **Dr. Ganesan Rengaian**, ATREE, Bangalore

Co-Investigator: 1. **Dr. Ravikanth Gudlasamani**, ATREE, Bengaluru

Component 3: Assess the economic value of bio-resources and their role in meeting the societal needs andsustainable development goals

Project Coordinator: Professor Dinabandhu Sahoo, IBSD, Imphal

Project Co- Coordinator: Dr. Saroj Kumar Barik: - NBRI, Lucknow

Subproject 1: Institute for Bioresources and Sustainable Development (IBSD), Manipur

Principal Investigator : 1. **Professor Dinabandhu Sahoo**, IBSD, Imphal, Manipur,

Co-Investigator: 1. **Dr. Albert Chiang**, IBSD, Imphal, Manipur

Subproject 2: National Botanical Research Institute (NBRI), Lucknow

Principal Investigator : 1. **Dr Sekhar Chandra Mohanty**, NBRI, Lucknow

Co-Investigator:

1. **Dr. O P Sidhu,** NBRI, Lucknow
2. **Dr.Manjoosha Srivastava**, NBRI, Lucknow
3. **Dr.Anand Prakash,** NBRI, Lucknow
4. **Dr.Vishnu Wagh ,** NBRI, Lucknow

Component 4: Biodiversity-based Livelihoods

Project Coordinator: Professor Saroj K. Barik, National Botanical Research Institute, Lucknow

Subproject 1 - -CSIR- NBRI, Lucknow

Principal Investigator: 1. **Dr. Brahma Singh** , National Botanical Research Institute, Lucknow

Co-Investigator:

1. **Dr.Krishna Tiwari**, National Botanical Research Institute , Lucknow
2. **Dr. Ch V Rao**, National Botanical Research Institute , Lucknow
3. **Dr. Sharad Srivastava**, National Botanical Research Institute , Lucknow
4. **Dr.O.P.Sidhu,** National Botanical Research Institute , Lucknow

Subproject 2 - North Eastern Regional Institute of Science and Technology, Itanagar

Principal Investigator : 1. **Dr. Padmaraj Gajurel**, NERIST, Arunachal Pradesh

Co-Investigator: **1. Dr.Binay Singh**, NERIST, Arunachal Pradesh

Subproject 3 - Institute of Bioresources and Sustainable Development(IBSD) ,Imphal, Manipur,

Principal Investigator: 1. **Dr. Biseshwori Thongam,** IBSD, Imphal, Manipur

Subproject 4 - North Eastern Hill University, Meghalaya, Shillong,Meghalaya

Principal Investigator : 1. **Dr. Highland Kayang,** NEHU, Shillong, Meghalaya

Co-Investigator : 1. **Dr. Papiya Ramanujam**, NEHU, Shillong, Meghalaya

Mohd. Asla.

Component 5 - Enhancing capacity in Communication about biological resources, biodiversity science and sustainable development for societal benefits in Northeast

Project Coordinator: **Dr. Ravikanth G.**, ATREE, Bangalore

Principal Investigator: 1. **Dr. Ravikanth G.**, ATREE, Bangalore

Co-Investigator :

1. **Dr. Aravind** , Fellow, ATREE, Bangalore
2. **Dr.Sarala Khaling** , , ATREE, Bangalore
3. **Dr Biseshwori Thongam** IBSD, Imphal, Manipur,

Component 6 - Monitoring, Management and Coordination of the project

Project Coordinator: **Dr. Ganesan Rengaian**, ATREE, Bangalore

Project Co-coordinator: **Professor Dinabandhu Sahoo**, IBSD, Imphal, Manipur

2.4 Objectives:

Overall objectives of the project:

1. Distribution maps of natural landscapes, ecosystems, and species
2. Patterns of species richness, abundance, rarity and endemism
3. A systematic program on the monitoring of anthropogenic impacts, including climate change, on bioresources and biodiversity
4. Data on evolutionary relationships among species in species rich genera such as wild gingers, Primulas, oaks and other taxa
5. Profiles of genetic variation within selected species of economic importance such as gingers, cucurbits, and oranges
6. Economic assessment of bioresources of the region
7. Options and tradeoffs in the use of ecosystem services in meeting United Nation's Sustainable Development Goals.
8. Data on the use of wild bioresources by local communities and traditional knowledge associated with these resources
9. New products and improved germplasm from wild bioresources integrated with livelihoods of local communities
10. Central Database Management Unit that curates, organizes and archives biodiversity data on the distribution of genes, populations, species and ecosystems and their use, with data also serving as baseline to detect future changes as result of human use and climate change
11. Trained scientists and strengthened institutions in the Northeast to address critical issues in conservation and management of bioresources
12. A minimum of 10 graduate level courses over 5 years in modern concepts and tools of biodiversity science
13. At least 40 doctoral dissertations on bioresources by graduate students from institutions in the Northeast over the next 5-7 years
14. A web-based portal on biodiversity of the Northeast mirrored on the web sites of the 10 participating institutions
15. Public engagement in conservation and management of bioresources and biodiversity via citizen science programs on the portal and other communication and outreach programs.

COMPONENT AND SUB-PROJECT WISE PROJECT OBJECTIVES ARE AS FOLLOWS:

COMPONENT-1: INVENTORIES AND MAPPING O BIORESOURCES IN NORTHEAST INDIA

Sub- project : 1 ***Mapping ecosystems of the Northeast and Quantitative assessment and mapping of plant diversity and biological resources in Sikkim Himalaya:*** **(Ashoka Trust for Research in Ecology and the Environment, Bangalore):**

1. Map ecosystems and distribution of species (flowering and non-flowering plants and selected animal groups) from secondary data to identify the preliminary patterns of species richness, abundance, rarity, endemism in the Northeast region
2. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Sikkim and Darjeeling Himalayan region of the Northeast using grid-based sampling approach.
3. Identify biological resources used by local communities, including wild relatives crop plants in Sikkim and Darjeeling Himalayan region

Mohd. Aslam

Sub-project 2: *Quantitative assessment and mapping of plant diversity and biological resources in Upper and Lower Assam:* Balipara Foundation, Assam

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Upper and Lower Assam region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Upper and Lower Assam region

Sub-project 3: *Quantitative assessment and mapping of plant diversity and biological resources in Western Arunachal Pradesh:* Institute yet to be identified

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Western Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Western Arunachal Pradesh region

Sub-project 4: *Quantitative assessment and mapping of plant diversity and biological resources in Central Arunachal Pradesh*: Institute yet to be identified

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Central Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Central Arunachal Pradesh region

Sub-project 5: *Quantitative assessment and mapping of plant diversity and biological resources in Eastern Arunachal Pradesh*: North Eastern Regional Institute of Science and Technology (NERIST)

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Eastern Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Eastern Arunachal Pradesh region

Sub-project 6: *Quantitative assessment and mapping of plant diversity and biological resources in Nagaland:* Nagaland University : Dr. Neizo Puro

1. inventory of the distribution and diversity of flowering plants and biological resources in Nagaland region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Nagaland region

Sub-project7: *Quantitative assessment and mapping of plant diversity and biological resources in Manipur:* Institute for Bioresources and Sustainable Development (IBSD), Manipur:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Manipur region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Manipur region

Sub-project 8: *Quantitative assessment and mapping of plant diversity and biological resources in Mizoram:* Mizoram University, Mizoram:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Mizoram region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Mizoram region.

Sub-project 9: *Quantitative assessment and mapping of plant diversity and biological resources in Tripura:* Tripura University, Tripura:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Tripura region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Tripura region.

Sub-project10: *Quantitative assessment and mapping of plant diversity and biological resources in Meghalaya:* North East Hill University (NEHU), Meghalaya:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Meghalaya region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Meghalaya region

Mohd. Aslam

Sub-project 11: *Quantitative assessment and mapping of the diversity of non-flowering plants (bryophytes, fungi, pteridophytes,) of Northeast India.* National Botanical Research Institute (NBRI), Lucknow:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (bryophytes, fungi, pteridophytes, gymnosperms) in the Northeast region using grid-based sampling approach
2. Identify non-flowering plant (bryophytes, fungi, pteridophytes, gymnosperms) based biological resources used by local communities in Northeast region and integrate this data into a comprehensive database.

Sub-project 12: *Quantitative assessment and mapping of the diversity of non-flowering plants (Algae) of Northeast India.* Institute for Bioresources and Sustainable Development (IBSD), Manipur:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (Algae) in the Northeast region using grid-based sampling approach
2. Identify algal based biological resources used by local communities in Northeast region and integrate this data into a comprehensive database.

Sub-project13: *Quantitative assessment and mapping of the diversity of non-flowering plants (Diatom) of Northeast India.* Agharkar Research Institute, Pune:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (Diatom) in the Northeast region using grid-based sampling approach.
2. Prepare a relational database of diatom flora of Northeast region.

Sub-project 14: *Geo-Referenced Databaseand Habitat Attributes of Insect Bioresources of NE India with Special Reference to Edible Insects and Wild Sericigenous Insects* : Institute for Bioresources and Sustainable Development (IBSD), Manipur:

1. Prepare geo-referenced database of edible insects and their habitat attributes of Northeast Indian states.

Sub-project 15: *Documenting Community Knowledge Associated with Insect Bio Resources of Northeast India, Together with Their Dynamics and Sustainability Challenges* : Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:

1. Documenting community knowledge associated with insect bio resources of Northeast India, together with their dynamics and sustainability challenges and management.

Sub-project16: *Quantitative assessment and mapping of the diversity of wild bees and honey bees of Northeast India.* Rajiv Gandhi University, Arunachal Pradesh:

1. Undertake a systematic, quantitative inventory of the distribution and diversity of wild bees and honey bees in the Northeast region using grid-based sampling approach
2. Prepare a relational database of wild bees and honey bees from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

Sub-project 17: *Quantitative assessment and mapping of the diversity of Cicadas from Northeast India.* North Eastern Hill University (NEHU), Shillong:-

1. Undertake a systematic, quantitative inventory of the distribution and diversity Cicadas from the Northeast region using grid-based sampling approach
2. Prepare a relational database of Cicadas from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

Sub-project 18: *Quantitative assessment and mapping of the diversity of Dung beetle (Scarabaeinae: Coleoptera) and Ant (Formicidae: Hymenoptera) from Northeast India.* Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:

1. Collate existing information on Ants and Dung beetles of the Northeast region and organize this information into a database
2. Undertake a systematic, quantitative inventory of the distribution and diversity Ants and Dung beetles from the Northeast region using grid-based sampling approach
3. Prepare a relational database of Cicadas from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

Sub-project19: *Quantitative assessment and mapping of the diversity of non-marine molluscs (land snails and freshwater molliscs) Northeast India.* Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:-

1. To undertake a systematic, quantitative inventory of the distribution and diversity of non-marine molluscs (land snails and freshwater molliscs) of the Northeast region using grid-based sampling approach
2. Assess the Bioresource potential of non marine mollusks in Northeast Indian region and develop comprehensive database.

Mohd. Aslam

Sub-project 20: *Organization and Management of a Central Database and diversity analysis of transect data* :Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:-

1. Establish and manage a central database for data generated by surveys of ecosystems, species, use of bioresources by local communities, and data generated by other subprojects of the study, using tools and approaches of biodiversity informatics; make the curated data available to researchers in the project
2. Use species level data from grid-based inventories to analyze diversity pattern and community assemblage rules

Component 2: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Selected Understudied Taxaof Northeast Region

Sub-project 1: *Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Asiatic Vigna and Cucurbitaceae from Northeast Region*: Institute of Life Sciences, Bhubaneswar:

1. Assembly of core set of collections based on morphological characters as well as distribution pattern.
2. Molecular characterization of reference set of germplasm and identifying and developing best possible marker systems.
3. Elucidating intra- and inter-specific genetic diversity, analysis of population genetic structure and phylogeography of native and wild species
4. Molecular phylogenetics using nuclear and chloroplast gene sequence analyses.
5. Estimation of divergence times of species-populations through comparative phylogeographic and phylogenetic data analyses.
6. Identifying populations with unique and diverse attributes for aiding to conservation efforts.

Sub-project 2: *Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Gingers (Zingiberaceae) and Prunus from Northeast Region:* Institute of Bioresources and Sustainable Development (IBSD), Impal:

1. Assembly of core set of collections based on morphological characters as well as distribution pattern.
2. Molecular characterization of reference set of germplasm and identifying and developing best possible marker systems.
3. Elucidating intra- and inter-specific genetic diversity, analysis of population genetic structure and phylogeography of native and wild species
4. Molecular phylogenetics using nuclear and chloroplast gene sequence analyses.
5. Estimation of divergence times of species-populations through comparative phylogeographic and phylogenetic data analyses.
6. Identifying populations with unique and diverse attributes for aiding to conservation efforts.

Sub-project 3: *Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Quercus and Citrus from Northeast Region:* CSIR-NATIONALBOTANICALRESEARCHINSTITUTE (CSIR-NBRI):-

1. Analysis of population genetic structure and phylogeography of native and wild species of Citrus and Quercus.
2. Molecular phylogenetics of Indian Citrus and Quercus using nuclear and chloroplast gene sequence analyses.
3. Estimation of divergence times of species-populations of Citrus and Quercus through comparative phylogeographic and phylogenetic data analyses.

Sub-project4: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Lauraceae from Northeast Region: Ashoka Trust for Research in Ecology and the Environment (ATREE):-

1. Develop a comprehensive database for distribution of Lauraceae species in Northeast region ofIndia from primary field survey and secondary data.
2. Use Integrative taxonomic approach by combining morphological, ecological and molecular sequence data to resolve taxonomic status and phylogenetic relationship of Northeast Indian Lauraceae.
3. Undertake historical biogeographic and comparative phylogenetic analysis of Northeast Indian Lauraceae to gain insights about phytogeography and diversification of Lauraceae.

Component 3: Assess the economic value of bio-resources and their role in meeting the societal needs and sustainable development goals

Sub-project 1: *Mainstreaming the lesser-known Bioresources:* CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI):-

1. Mainstreaming the lesser-known Bioresources.

Sub-project 2: *Integrating the unique bioresources to enhance the ecotourism potential of the region*: Institute of Bioresources and Sustainable Development (IBSD), Imphal: -

1. Integrating the unique bioresources to enhance the ecotourism potential of the region.

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Component 4: Biodiversity-based Livelihoods

Sub-project 1:

Product development and partner support for demonstration farming and value addition: **CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI):**

1. High value product development for selected bioresources and sharing the benefits with the communities
2. Demonstration farming, value addition and value chain development for high value plant resources for economic development
3. Capacity building among the communities for non-agriculture use of biodiversity

Sub-project2: ***Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition in Arunachal Pradesh:*** **NERIST, Arunachal Pradesh:**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

Sub-project 3: ***Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition by IBSD in Manipur/Nagaland Targeted bioresources: Gingers and Zanthoxylum:*** **Institute of Bioresources and Sustainable Development (IBSD), Impal, Manipur:**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

Sub-project 4: ***Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition by NEHU in East Khasi Hills, Meghalaya Targeted bioresources: Zanthoxylum and Gaultheria species:*** **NEHU, Shillong, Meghalaya:-**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

Component 5: Enhancing Capacity in Communication about Biological resources, Biodiversity Science and Sustainable development for societal benefits in Northeast
Ashoka Trust for Research in Ecology and the Environment(ATREE):

There are two broad objectives of the proposal:

1. Build capacity of the research group engaged in the project and other staff in Northeast academic institutions, in biodiversity science (quantitative ecology, integrated taxonomy, conservation biology and green economy).
2. Develop a comprehensive, multi-level strategy to convey to students, practitioners, policy makers and the general public the ecological and economic significance of Bioresources

Component 6: Sub-Project Title: Monitoring, Management and Coordination of the project; -

Project Summary: The proposed program will be coordinated by the Ashoka Trust for Research in Ecology and the Environment (ATREE) and Institute of Bioresources and Sustainable Development (IBSD) under the sponsorship of the Department of Biotechnology (DBT) in partnership with a range of institutions in the northeast. This document deals with the management structure of the overall program and the associated budget.

2.5Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.6Project Cost:

The total cost of the project is **Rs. 2318.64243 lakhs (Rupees Twenty Three Crores Eighteen Lakhs Sixty Four Thousand Two Hundred and Forty Three Only)** as per details given below:

Mohd. Aslam

Budget Details: Total Consolidated Budget of All Sub- projects and Institutions (Rs in lakhs):

Name of Sub-Project	Non-Rec.	Manpower	Consumables	Travel	Contingency	Overhead	TOTAL
Component 1: SP- 1- ATREE Sikkim	16.10	45.576	4.00	9.00	6.00	3.00	**83.676**
SP- 2 Balipara Foundation	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -3 NERIST,AP	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
SP- 4 Central Arunachal	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
SP- 5 West Arunachal	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
SP -6 Nagaland University , Nagaland	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -7 IBSD Manipur	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -8 Mizoram Univ. Mizoram	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -9, Tripura Univ. , Assam	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -10 NEHU, Shillong	13.65	42.84	4.00	9.00	6.00	3.00	**78.49**
SP -11 - NBRI, Lucknow	5.00	43.416	6.00	9.00	6.00	3.00	**72.416**
SP- 12 -IBSD, Manipur	2.00	33.048	6.00	9.00	6.00	3.00	**59.048**
SP -13 ARI, Pune	2.00	27.00	6.00	9.00	6.00	3.00	**53.00**
SP -14 - IBSD, Imphal	1.50	27.00	6.00	9.00	6.00	3.00	**52.5**
SP -15 - ATREE, Bangalore	3.60	42.12	3.00	3.00	3.00	2.15	**56.87**
SP -16, RGU, Itanagar	10.10	35.64	6.00	9.00	6.00	3.00	**69.74**
SP -17 NEHU, Shillong	10.10	35.64	6.00	9.00	6.00	3.00	**69.74**
SP -18 - ATREE , Bangalore	36.10	42.12	9.00	9.00	6.00	3.00	**105.22**
SP -19 - ATREE , Bangalore	29.35	42.12	4.00	9.00	6.00	3.00	**93.47**
SP -20 - ATREE , Bangalore	6.10	26.784	0.00	6.00	3.00	3.00	**44.884**
Component 2: SP -1: ILS	40.13	38.016	20.00	3.00	3.00	3.00	**107.146**
SP -2: IBSD, Imphal	35.00	34.848	20.00	3.00	3.00	3.00	**98.848**
SP -3: CSIR-NBRI, Lucknow	29.11	38.016	20.00	3.00	3.00	3.00	**96.126**
SP -4: ATREE, Bangalore	10.00	24.336	13.10	3.00	1.50	1.50	**53.436**
Component 3: SP -1: IBSD, Imphal	10.00	34.992	30.00	9.00	3.00	3.00	**89.992**
SP -2: CSIR-NBRI, Lucknow	10.00	44.928	27.00	7.50	3.00	2.15	**94.578**
Component 4: SP -1: -NBRI, Lucknow	10.00	50.976	43.60	6.00	3.00	5.00	**118.576**
SP -2: NEIRST, AP	7.99	20.592	35.00	6.00	3.00	3.00	**75.582**
SP -3: IBSD, Imphal	10.00	20.592	34.15	6.00	3.00	3.00	**76.742**
SP -4: NEHU, Shillong	7.95	20.592	35.00	6.00	3.00	3.00	**75.542**
Component 5: ATREE, Bangalore	3.75	30.888	30.00	23.00	60.00	3.00	**150.638**
Component 6: ATREE, Bangalore	0.55	35.68243	1.50	6.00	3.00	3.00	**49.73243**
Total	**378.43**	**1051.96243**	**389.35**	**225.50**	**187.50**	**85.80**	**2318.54243**

Mohd. Aslam

Component wise Budget Breakup:-

Component 1:-

Sub-project 1: Ashoka Trust for Research in Ecology and the Environment (ATREE)

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	16.10	0.00	0.00	**16.10**
Manpower	14.928	14.928	15.72	**45.576**
Consumables	2.00	1.00	1.00	**4.00**
Travel	3.00	3.00	3.00	**9.00**
Contingency	2.00	2.00	2.00	**6.00**
Overhead	1.00	1.00	1.00	**3.00**
TOTAL	**39.028**	**21.928**	**22.72**	**83.676**

Details of equipment:

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data Loggers	1.10
2	Desktop computer	5.00
3.	Cameras (@ Rs. 30,000 * 2 Units)	0.60
4.	GPS (@ Rs. 20,000 * 2 Units)	0.40
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	Total	**16.10**

Details of Manpower:

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
Research Associate @ Rs. 38000/- + 30% HRA HRA for all three years.	One	5.928	5.928	5.928	17.784
Junior Research Fellow @ Rs. 25000/- + 30% HRA for 1st and 2nd year and **Senior Research Fellow** @ Rs. 28000/- + 30% HRA for 3rd year. Strictly as per DST guidelines	Two	6.60	6.60	7.392	20.592
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.20
Total :		**14.928**	**14.928**	**15.72**	**45.576**

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

Mohd. Azhar

No.SR/FST/CSI-281/2016(C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016.

3rd May, 2018

ORDER

Subject: Financial assistance (1st installment) to the Department of Chemical Sciences, Tezpur University, Napaam, Sonitpur-784028, (Assam) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 2,59,00,000/- (Rupees Two crore and fifty nine lakh only)** for 5 years The detailed breakup of the grant for General as well as Capital Components are given below:

To augment the post-graduate teaching and research facilities in the Department
Capital Assets:Rs.243.0 L
E–Rs. 193.0L [Major Equipment–Rs. 170.0 L [HPLC-LCMS-Rs. 58.0 L, TPD/TPR/TPO-Rs. Rs. 25.0 L, UV-Vis/NIR/DRS Spectrophotometer-Rs. 15.0 L, Micro Extruder-Rs. 30.0 L, DSC-TGA-Rs. 15.0 L and Minor Equipment–Rs. 23.0 L [Rotary Evaporator (4 no.) with chiller-Rs. 20.0 L, Research Trinocular microscope-Rs. 3.0 L]
NW–Rs. 20.0 [20 Workstations, Softwares (Turbomole, ADF, VASP) & NW peripherals]
IF–Rs. 30.0 L[Renovation of Labs–Rs. 20.0 L, Books–Rs. 50 L and Outreach activities–Rs. 5.0 L]
General Components: Rs. 16.0 L
M– Rs. 16.0 L
Total : Rs. 259.00 Lakh

2 The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1st year	2nd year	3rd year	4th year	5th year	Total
Equipment	170.0	23.0	-	-	-	193.0
Networking	20.0	-	-	-	-	20.0
Infrastructure (Books)	10.0 (Renovation of Lab) 1.0 (Books)	1.0 (B) 10.0 (Renovation of Lab) 5.0 (Outreach activities)	1.0 (B)	1.0 (B)	1.0 (B)	30.0
Maintenance		4.0	4.0	4.0	4.0	16.0
Total	201.0	43.0	5.0	5.0	5.0	259.0

3. Sanction of the President is also accorded to the release of **Rs. 2,01,00,000/- (Rupees Two crore and one lakh only)** to the **Registrar, Tezpur University, Napaam, Sonitpur-784028, (Assam)** under FIST Program as a 1st installment of the grant in 2018–2019 under '**creation of capital assets**' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the '**Equipment'**. The break-up of the 1st installment grant released now would be '**Equipment': Rs. 170.0 lakh for procurement of Major Equipment mentioned above 'Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process], 'Infrastructure facility'; Rs. 11.0 lakh (Books–Rs. 1.0 L and Renovation of Lab–Rs. 10.0 L (4 no. Fume Hoods, 2 ACs) and Networking and Computational Facility–Rs. 20.0 L (20 Workstations, ii) Softwares(Turbomole, ADF, VASP) and iii) Ethernet/switches, Computer Tables & Chairs, NW peripherals)].**

4. **The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id genrated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

Contd. 2/..

6 This sanction is subject to the condition that the grantee organisation will furnish to the Department of Scie & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audit statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting th interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

- If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.

8 **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**

9 The grant-in-aid being released is subject to the condition that:

(a) a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and

(b) while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents

10 The grantee organisation will maintain separate audited account for the project and the entire amount of gran will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organisation, which will be adjusted towards future release of grant.

11 DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure involved is to be debited to
Demand No. -84 Department of Science & Technology;
"3425" -Other Scientific Research (Major Head);
60-Others (Sub-Major Head);
60.200-Assistance to other Scientific Bodies (Minor Head);
68– Science and Technology Institutional and Human Capacity Building
68.00.35–Grants for creation of capital assets for the year 2018-2019 (Voted)
[Previous. R&D Support: 3425.60.200.25.01.35]
The above release is made under `R&D ' Scheme.

Contd..3/..

16. The amount of **Rs. 2,01,00,000/- (Rupees Two crore and one lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Tezpur University, Napaam, Sonitpur-784028, (Assam).** The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: Registrar, Tezpur University, Napam
2. Name of the Bank: State Bank of India, Napaam
3. Bank Account Number: 10501586319
4. IFSC Code: SBIN0000195
5. MICR Code:

17 As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 19 in the register of grants maintained in the Division for the scheme (R&D Support).

18. This issues with the concurrence of IFD Vide their **Concurrence Dy.No. 94 dated the 16.04.2018.**

(A.Bhattacharyya)
Scientist `D'
Email: a.bhattacharyya@nic.in

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy forwarded for information and necessary action to:

1 Cash Section (with two spare copies).

2 Registrar,
Tezpur University, Napaam,
Sonitpur-784028,
(Assam)

3. Head,
Department of Chemical Sciences,
Tezpur University, Napaam,
Sonitpur-784028,
(Assam)

4 Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002.
5 Office of Account General, Assam, Guwahati.
6. FIST-Secretariat.
7. CoA / IFD, DST, New Delhi.
8. Head, R & D (Infrastructure), DST New Delhi.
9 Sanction Folder

(A.Bhattacharyya)
Scientist `D'
Email: a.bhattacharyya@nic.in

No.SR/FST/ET-II/2017/125 (C)
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Office of the Technology Bhawan,
New Mehrauli Road,
New Delhi -110016.

29th August, 2018

Serial No... 3056
Date of R... 17/9/2018
File N... Dean R&D
Receipt No ... 3888
Date ... 19/9/18
Received by ...

1. Dean R&D
2. FO.

ORDER

Subject: Financial assistance (1st installment) to the Department of Computer Science & Engineering, Tezpur University, Sonitpur-784028, (Assam) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 44,00,000/- (Rupees Forty four lakh only)** for 5 years The detailed breakup of the grant for General as well as Capital Components are given below:

To strengthen the research facilities in the Department
Capital Assets: Rs. 40.0 L
E–Rs. 40.0L [Hardware (Server, Workstations, Embedded System and IoT Lab, 2 No. Laser Printer, 2 No. Scanner, Clock Timer for Cognitive Radio SDN Switch and 3 No. Desktops)]
General Components: Rs. 4.0 L
M– Rs. 4.0 L
Total : Rs. 44.0 Lakh

2. The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1st year	2nd year	3rd year	4th year	5th year	Total
Equipment	40.0	-	-	-	-	40.0
Maintenance	-	1.0	1.0	1.0	1.0	4.0
Total	40.0	1.0	1.0	1.0	1.0	44.0

3. Sanction of the President is also accorded to the release of **Rs. 40,00,000/- (Rupees Forty lakh only)** to the **Registrar, Tezpur University, Napaam, Sonitpur-784028, (Assam)** under FIST Program as a 1st installment of the grant in 2018–2019 under `**creation of capital assets**' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the `**Equipment'**. The break-up of the 1st installment grant released now would be **`Equipment': Rs. 40.0 lakh for procurement of Equipment mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process].**

4. **The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id genrated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.

Head, Dept. of CSE. Congratulations!!
Pratistha Pandey

Contd..2/..

Please enclose the documents – (i) project proposal (ii) forwarding letter along with this Sanction letter for registration of the project.
17/9/2018

8. **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**

9. The grant-in-aid being released is subject to the condition that:

(a). a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and

(b). while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

c) Grantee Institute may furnish copy of invoice in respect of equipments worth Rs. 5.0 L and above along with coustoms clearance certification (in case of imported equipments) after procurement of the equipments.

d) Servers, Desktops, Workstations, Printers etc. may be procured through GeM (Government E-Market) platform.

e) Grantee Institute will furnish copy of bills showing expenditure incur on maintenance of the equipments after warranty period of respective equipments are over.

10. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organisation, which will be adjusted towards future release of grant.

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure involved is to be debited to

Demand No. -84 Department of Science & Technology;
"3425" -Other Scientific Research (Major Head);
60-Others (Sub-Major Head);
60.200-Assistance to other Scientific Bodies (Minor Head);
68– Science and Technology Institutional and Human Capacity Building
68.00.35–Grants for creation of capital assets for the year 2018-2019 (Voted)
[Previous: R&D Support: 3425.60.200.25.01.35]

The above release is made under `R&D ' Scheme.

Pratibha Pandey

Contd..3/..

16. The amount of **Rs. 40,00,000/- (Rupees Forty lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Tezpur University, Napaam, Sonitpur-784028, (Assam).** The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: **Registrar, Tezpur University, Napam**
2. Name of the Bank: **State Bank of India, Napaam**
3. Bank Account Number: **10501586319**
4. IFSC Code: **SBIN0000195**
5. MICR Code:

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 94 in the register of grants maintained in the Division for the scheme (R&D Support).

18. This issues with the concurrence of IFD Vide their **Concurrence Dy.No. 2138 dated the 14.08.2018.**

Pratishtha Pandey

(Pratishtha T. Pandey)
Scientist `E'
Email: pratishtha.tp@nic.in

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy forwarded for information and necessary action to:

1. Cash Section (with two spare copies).

2. Registrar,
Tezpur University,
Sonitpur-784028,
(Assam)

3. Head,
Department of Computer Science & Engineering,
Tezpur University,
Sonitpur-784028,
(Assam)

4. Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002.
5. Office of Account General, Assam, Guwahati.
6. FIST-Secretariat.
7. CoA / IFD, DST, New Delhi.
8. Head, R & D (Infrastructure), DST New Delhi.
9. Sanction Folder.

Pratishtha Pandey

(Pratishtha T. Pandey)
Scientist `E'
Email: pratishtha.tp@nic.in

Ps

Dy. No. 991
14/5/2018
To the Dean (R&D)
Received by

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.5-16/DRS-II/2018 (SAP-III)

April, 2018

24 APR 2018

The Registrar,
Tezpur University,
Napaam, Sonitpur,
Assam- 784 028

Sub:- University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP) - Review of the Programme in the **Department of Business Administration, Tezpur University, Napaam, Sonitpur, Assam- 784 028,** for upgradation/continuation from **DRS-I to DRS-II for a period of 5 years (01-04-2018 to 31-03-2023) subject to availability of funds and continuation of the scheme beyond 31.03.2019.**

Sir/Madam,

1. UGC's Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. The Department of **Business Administration** was implementing **DRS-I** of the SAP programme approved for a duration of five years for **01.04.2011 to 31.03.2016.**

3. As per guidelines, the Commission constituted an Expert Committee to review the progress of above said department on completion its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **11th January, 2017 in the office of UGC New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made of the department during the term as well as various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. UGC has approved the **Department of Business Administration** from **DRS-I to DRS-II** programme for a further period of **five years from 01-04-2018 to 31-03-2023. Period from 01-04-2016 to 31-03-2018 may be treated as gap years.**

Prof. Chandana Chakraborty Dept. of BA. Congratulations!!!
...1...
Please submit the copy of proposal for registration of this
R&D office.
14/5/2018

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6. On the basis of the recommendations of the Review Committee, approval of the Universi Grants Commission to the continuation/Up-gradation of the programme at the level **DRS-II** for **5 years** with the following thrust area(s) for research and teaching

Thrust Area Identified

- **Community based organizations, livelihood developments and tourism.**

As recommended by the Review Committee, name of the Co-ordinator & the Deputy Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Name of Coordinator: - Prof. Chandan Goswami.
Name of Deputy Coordinator:- Dr. Arup Roy.

The Coordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for a duration of **5 years (01/04/2018 to 31/03/2023)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	Equipment – (Desktop and softwares)	5.00
2.	Building (upgradation/augmentation extension of existing laboratory for housing and Installation of new equipment)(maximum Limit upto 50 lakhs) including air-conditioning	15.00
	TOTAL	**20.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.50,000/- p.a.	2.50
2.	Chemicals/Consumables/Glassware @ Rs.12,000/-p.a.	0.60
3.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.60,000/- p.a.	3.00
4.	Visiting Fellows @Rs.20,000/- p.a.	1.00
5.	Seminars (for organization) on thrust area @ Rs. 1,00,000/- p.a. for seminars.	5.00
6.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.20,000/- p.a.	1.00
7.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.80,000/- p.a.	4.00
8.	Books and Journals @ Rs.40,000/- p.a.	2.00
9.	Project Fellow (One)	Actuals
	Total	**19.1+ 1P.F. (Actuals)**

(Rs. In lakh)

Non – Recurring Rs. 20.00
Recurring Rs. 19.10

****Total (NR + R) for 5 years = Rs. 39.10+ 1P.F. (Actuals)**

(Rupees Thirty nine lakh ten thousand only)

**** The aforesaid approval is up to 31.03.2019 only. Further the scheme may continue subject to concurrence and availability of funds from Ministry of Human Resource Development (MHRD).**

...2...

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8. The University is to maintain a separate **flexi saving bank account** for the grants released under Special Assistance Programme. Interest earned against Grant-in-aid (other than reimbursement) released to any grantee institutions should be mandatorily remitted to UGC account immediately after finalization of account. Any interest earned out of Grants in aid should not be allowed as additional funds over and above the allocation.

9. **The University/ Department may follow the SAP Guidelines posted on the UGC website.**

10. For appointment of Project Fellow, UGC guidelines for SAP/MRP shall be followed. The details of the appointed Project Fellow duly authenticated by the competent authority are to be send to UGC as per the enclosed format. However, following documents are to be retained by the University /Department and furnished to UGC as and when called for:-

I. Copy of Notification/Advertisement of the vacancy
II. Copy of Minutes/Recommendation of the Selection Committee constituted for appointment of Project Fellow
III. Copy of University Order to the appointment of the Project Fellow
IV. Copy of Joining Report of Project Fellow
V. Attested copy of P.G. Mark Sheet
VI. Attested copy of Cast/Disability Certificate in case the candidate belongs to reserved category and obtained below 55% marks
VII. Attested copy of Matriculation Certificate for age proof.
VIII. HRA certificate duly signed by the Registrar.
IX. Bio-data in respect of Project fellow.
X. Month-wise salary expenditure statement in respect of each Project Fellow.

Age of project fellow should be below 40 years.

11. The University/Institute shall follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordinator or Co-ordinator) and also constitute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website www.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) **Prof. R.P. Das, (Vice Chancellor) Berhampur University, Orissa. (M) 9425214226.**
2) **Prof. R.K. Singh, Delhi School of Economics. (M) 9910970870.**

12. The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

13. The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

I. Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.

...3...

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II. Name of the competent University Officer with full address and other ban details in (mandate form) the prescribed enclosed proforma so that the fun can be transferred electronically.

III. Detailed statement of year-wise actual expenditure incurred against th grants allocated, sanctioned during the last phase may be submitted in th PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certifie by the Competent authority, in order to finalize the accounts of the earlie phase.

IV. Name of the Department Coordinator and Dy. Coordinator indicating (present designation (ii) Specialized areas(s) of research and (iii) date superannuation.

V. List of members of the Advisory Committee constituted by th university/institute as per guidelines.

VI. Year-wise academic programme and action proposed to be undertaken b the department during the period of **5 years** to implement the programme.

VII. The annual report of the work done during the year (as per effective date the programme) should be submitted by the Programme Co-coordinat highlighting the achievements in research and teaching and indicatin separately the progress in procuring of equipment / construction of Buildin (only addition, alteration and renovation , if sanctioned under th programme) and the list of papers published in referred journal during th year positively reported by the end of every year.

VIII. A Certificate from the Registrar of the university that the department is n self finance and is eligible to receive the UGC financial assistance.

13. The University/Institute shall take all possible measures to ensure effecti implementation of policies of Government of India relating to SC/ST students a teachers in regard to the UGC programme. In case of non-teaching staff, the policies the Central Government in respect of Central Universities and of the State Governme in respect of State Universities shall be implemented.

14. The first installment of admissible grant will be released separately. In the meantin the University may submit the requisite information requested vide **para 12 (i to viii)** return of post.

15. No request for any change in the effective date will be considered.

16. The orders for purchase of equipment is to be placed within six months from the date receipt of the grant by the university.

17. The second and subsequent installment of grant for any approved items will considered and sanctioned only on receipt of the Utilization Certificate for the earl installment in the prescribed form duly signed by the Registrar/Finance Officer as t case may be.

18. **The Non Recurring Grant approved will be released only after settlement of t previous accounts of SAP programme. (In case of ongoing programme).**

19. **Non-Recurring Grant released by UGC should be utilized by t department/university positively within a period of three years from the date receipt of grant, otherwise UGC may ask for refund of the un-utilized amount non-recurring grant.**

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20. The University/Institution shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the University/institution has complied with the anti-ragging measures by stating that:

"The University/ Institution/College is strictly following the UGC Regulations on curbing the
menace of Ragging in Higher Educational Institutions, 2009".

Yours sincerely,

20 Apr 18

(Mamta R. Agarwal)
Joint Secretary

NOTE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded for information and necessary action to:-

Prof. Chandan Goswami
Programme Coordinator (DRS-II),
Department of Business Administration,
Tezpur University, Napaam, Sonitpur, Assam- 784 028.

Copy for information to:

1. The Secretary to the State Government of **Assam**, Department of Education, **Napaam, Sonitpur.**

2. The Head, **Department of Business Administration, Tezpur University, Napaam, Sonitpur, Assam- 784 028.**

3. **Prof. R.P. Das, (Vice Chancellor) Brahmpur University, Orissa, Ganjam – 760 001.**

4. **Prof. R.K. Singh, Delhi School of Economics. University of Delhi, Delhi – 110 007.**

5. The P.S. to Vice Chancellor, **Tezpur University, Napaam, Sonitpur, Assam- 784 028.**

6. Guard File.

F.No.5-65 /2011 (SAP-III)

(Nirmal Kaur)
Under Secretary

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UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

No. F.5-10/DRS-II/2018(SAP-III) **April, 2018**

12 4 APR 2

The Registrar,
Tezpur University,
Napaam, Sonitpur,
Assam- 784 028.

Sub:- University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP) - Review of the Programme in the **Department of Cultural Studies, Tezpur University, Napaam, Sonitpur, Assam- 784 028,** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (01-04-2018 to 31-03-2023) subject to availability of funds and continuation of the scheme beyond 31.03.2019.**

Sir/Madam,

1. UGC's Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.

2. The Department of **Cultural Studies** was implementing **DRS-I** of the SAP programme approved for a duration of five years for **01.04.2011 to 31.03.2016.**

3. As per guidelines, the Commission constituted an Expert Committee to review the progress of above said department on completion of tenure under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on **6th January, 2017 in the office of UGC New Delhi.**

4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements of the department during the term as well as various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.

5. UGC has approved the **Department of Cultural Studies** from **DRS-I to DRS-II** programme for a further period of **five years from 01-04-2018 to 31-03-2023. Period from 01-04-2016 to 31-03-2018 may be treated as gap years.**

6. On the basis of the recommendations of the Review Committee, approval of the University Grants Commission to the continuation/Upgradation of the programme at the level of **DRS-II** for **5 years** with the following thrust area(s) for research and teaching

Thrust Area Identified

- **Sacred Spaces on the Banks of the River Brahamaputra of Assam.**

As recommended by the Review Committee, name of the Co-ordinator & the Deputy Co-ordinator of the Programme for the present phase of the Programme will be as indicated below:

Name of Co-ordinator — **Prof. Debarshi Parsad Nath.**
Name of Deputy Co-ordinator — **Prof. Sunil Kumar Dutta.**

The Co-ordinator may continue till the end of the present duration of the programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of **DRS-II** for a duration of **5 years (01/04/2018 to 31/03/2023)** is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	Equipment – (Analogue Audio Cassette deck, A3 Scanner, Hard drives, Recording devices, cameras, software)	15.00
2.	Building (upgradation/augmentation extension of existing laboratory for housing and Installation of new equipment)(maximum Limit upto 50 lakhs) including air-conditioning	10.00
	TOTAL	**25.00**
S.No.	**Recurring**	
1.	Contingency/Working expenses @ Rs.2,00,000/- p.a.	10.00
2.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.2,00,000/- p.a.	10.00
3.	Visiting Fellows @Rs.60,000/- p.a.	3.00
4.	Seminars (for organization) on thrust area @ Rs. 2,00,000/- p.a. for **05(five)** seminars.	10.00
5.	Hiring the services of Technical/Industrial/Secretarial assistance as relevant to the programme (for programme duration only) @Rs.2,00,000/- p.a.	10.00
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @Rs.60,000/- p.a.	3.00
7.	Books and Journals @ Rs.1,00,000/- p.a.	5.00
8.	Project Fellow (One)	Actual
	Total	**51.00+ 1P.F. (Actual)**

(Rs. In lakh)

Non – Recurring — **Rs. 25.00**
Recurring — **Rs. 51.00**

****Total (NR + R) for 5 years = Rs. 76.00+ 1P.F. (Actual)**

(Rupees Seventy six lakh only)

**** The aforesaid approval is up to 31.03.2019 only. Further the scheme may continue subject to concurrence and availability of funds from Ministry of Human Resource Development (MHRD).**

...2...

8. The University is to maintain a separate **flexi saving bank account** for the grants released under Special Assistance Programme. Interest earned against Grant-in-aid (other than reimbursement) released to any grantee institutions should be mandatorily remitted to UGC account immediately after finalization of account. Any interest earned out of Grants-in-aid should not be allowed as additional funds over and above the allocation.

9. **The University/ Department shall follow the SAP Guidelines posted on UGC website.**

10. For appointment of Project Fellow, UGC guidelines for SAP/MRP shall be followed. The details of the appointed Project Fellow duly authenticated by the competent authority are to be send to UGC as per the enclosed format. However, following documents are to be retained by the University /Department and furnished to UGC as and when called for:-

I. Copy of Notification/Advertisement of the vacancy
II. Copy of Minutes/Recommendation of the Selection Committee constituted for appointment of Project Fellow
III. Copy of University Order to the appointment of the Project Fellow
IV. Copy of Joining Report of Project Fellow
V. Attested copy of P.G. Mark Sheet
VI. Attested copy of Cast/Disability Certificate in case the candidate belongs to reserved category and obtained below 55% marks
VII. Attested copy of Matriculation Certificate for age proof.
VIII. HRA certificate duly signed by the Registrar.
IX. Bio-data in respect of Project fellow.
X. Month-wise salary expenditure statement in respect of each Project Fellow.
XI. **Age of project fellow should be below 40 years**.

11. The University/Institute shall follow the norms for appointment of Programme Co-ordinator and Deputy Co-ordinator (no Joint Co-ordinator or Co-ordinator) and also constitute an Advisory Committee as per the guidelines of the Commission which can be downloaded from UGC website www.ugc.ac.in and follow the terms of reference of the Advisory Committee to ensure effective implementation and monitoring of the Programme. The constitution of the Advisory Committee is compulsory for all departments which are being supported under SAP. The UGC nominees in the Committee will be as indicated below. The departments may contact the UGC nominees for their acceptance and intimate the Commission.

1) **Prof. Shruti Bandopadhyay, Department of Dance, Visva Bharati Santiniketan - 731 235 (Sangeet Bhavan), West Bengal.**
2) **Prof. Anupam Mahajan, Department of Music, University of Delhi, New Delhi- 110 007.**

The active participation of the UGC nominees in each meeting of the Advisory Committee is essential. The composition and terms & reference of the Advisory Committee will be as given in the UGC website **www.ugc.ac.in.**

12. The University/Institute/Department is requested to take immediate steps to submit the following information/documents for necessary action:

I. Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
II. Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
III. Detailed statement of year-wise actual expenditure incurred against the grants allocated, sanctioned during the last phase may be submitted in the PROFORMA in the Annexure-V, of SAP Guidelines duly audited and certified by the Competent authority, in order to finalize the accounts of the earlier phase.
IV. Name of the Department Coordinator and Dy. Coordinator indicating (I) present designation (ii) Specialized areas(s) of research and (iii) date of superannuation.
V. Year-wise academic programme and action proposed to be undertaken by the department during the period of **5 years** to implement the programme.
VI. List of members of the Advisory Committee constituted by the university/institute as per guidelines.
VII. The annual report of the work done during the year (as per effective date of the programme) should be submitted by the Programme Co-coordinator highlighting the achievements in research and teaching and indicating separately the progress in procuring of equipment / construction of Building (only addition, alteration and renovation , if sanctioned under the programme) and the list of papers published in referred journal during the year positively reported by the end of every year.
VIII. A Certificate from the Registrar of the university that the department is not self finance and is eligible to receive the UGC financial assistance.

13. The University/Institute shall take all possible measures to ensure effective implementation of policies of Government of India relating to SC/ST students and teachers in regard to the UGC programme. In case of non-teaching staff, the policies of the Central Government in respect of Central Universities and of the State Government in respect of State Universities shall be implemented.

14. The first installment of admissible grant will be released separately. In the meantime, the University may submit the requisite information requested vide **para 12 (i to viii)** by return of post.

15. No request for any change in the effective date will be considered.

16. The orders for purchase of equipment is to be placed within six months from the date of receipt of the grant by the university.

17. The second and subsequent installment of grant for any approved items will be considered and sanctioned only on receipt of the Utilization Certificate for the earlier installment in the prescribed form duly signed by the Registrar/Finance Officer as the case may be.

18. **The Non Recurring Grant approved will be released only after settlement of the previous accounts of SAP programme.**

19. **Non-Recurring Grant released by UGC should be utilized by the department/university positively within a period of three years from the date of receipt of grant, otherwise UGC may ask for refund of the un-utilized amount of non-recurring grant.**

20. **The University/Institution shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the University/institution has complied with the anti-ragging measures by stating that:**

"The University/ Institution/College is strictly following the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009".

O/C

Yours sincerely,

23 Apr, 18

(Mamta R. Agarwal)
Joint Secretary

NOTE: - Please see SAP guidelines on UGC website www.ugc.ac.in.

Copy forwarded for information and necessary action to:-

Prof. Debarshi Parsad Nath,
Programme Coordinator (DRS-II),
Department of Cultural Studies,
Tezpur University,
Napaam, Sonitpur, Assam - 784 028.

Copy for information to:

1. The Secretary to the State Government of Assam, Department of Education, Dispur.
2. The P.S. to Vice Chancellor, Tezpur University, Napaam, Sonitpur, Assam- 784 028.
2. The HoD, Department of Cultural Studies, Tezpur University, Napaam, Sonitpur, Assam - 784 028.
3. Prof. Shruti Bandopadhyay, Department of Dance, Visva Bharati Santiniketan - 731 235 (Sangeet Bhavan), West Bengal.
4. Prof. Anupam Mahajan, Department of Music, University of Delhi, New Delhi- 110 007.
5. Guard File.
6. F.No.5-42/2011 (SAP-III)

(Nirmal Kaur)
Under Secretary

O/C

Office of the Registrar
Receipt No 933
Date ..... 07 MAY 2018
Received by .....

ज्ञान-विज्ञान विमुक्तये

(3)

Serial No... 981
Date of Receipt 7/4/2018
File No... Dean R&D
Received by

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

Dean, R&D
for

o. F.510/9/DRS-II/2018(SAP-I) **April, 2018**

11 APR 2018

he Registrar,
ezpur University,
ezpur - 784 028

ub.: University Grants Commission assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the **Department of Mathematics, Tezpur University,** for upgradation /continuation from **DRS-I to DRS-II for a period of 5 years (01-04-2018 to 31-03-2023) Subject to availability of funds and continuation of the scheme beyond 31-03-2019.**

GC's Special Assistance Programme (SAP) is intended through constant effort to raise the ality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering Technology, Humanities, Social Science departments and carefully selected on the basis of eir work, academic achievements and viable potential for further development. The sence and primary aim of the scheme is combination of teaching and research to courage group research efforts in pursuit of excellence.

e Department of **Mathematics** was at **DRS-I** of the SAP programmeat **Phase-I** approved a duration of five years for **01.04.2011 to 31.03.2016.**

per guidelines, the Commission constituted an Expert Committee to review the progress bove said department on completion of tenure under the Special Assistance Programme P). The Expert Committee Reviewed the department on **20th October, 2016 in the office GC New Delhi.**

Review Committee, after a very careful and critical in-depth examination of the emic achievements of the department during the term as well as various aspects of ementation of the programme with the departmental representatives has submitted recommendations to the Commission.

has approved the **Department of Mathematics** from **DRS-I to DRS-II** programme for iod of **Five years from 01-04-2018 to 31-03-2023. Period from 1-4-2016 to 31-03-8 may be treated as gap year.**

he basis of the recommendations of the Review Committee, approval of the University ts Commission is conveyed for continuation/Up-gradation of the programme at the of **DRS-II** for **5 years** with following thrust area(s) for research and teaching.

Congratulations!!!

Prof B.P. Sarmah

Please submit the necessary documents for registration of this project.

Anujoa
08/5/2018

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Thrust Areas Identified

- **Number Theory**
- **Computational Fluid Dynamics**

As recommended by the Review Committee, name of the Co-ordinator& the d Co-ordinator of the Programme for the present phase will be

- Name of the Co-ordinator :- **Dr. Bhim Prasad Sarmah.**
- Name of the Dy. Co-ordinator:- Prof. Nayandeep Deka Baruah for **DRS-II** progra under SAP.

The Co-ordinator may continue till the end of the present duration of the progra or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the level of for a duration of **5 years (01-04-2018 to 31-03-2023)** is given below : -

S. No.	**Non-Recurring (Items) (Rs. In Lakh)**	**Rs. (In Lak**
1.	**Equipment: (PC, Server, Printer, Smart Board with projector, 30 KVA UPS,** Laptops, Mathematica (5 users license)	36.00
	TOTAL	**36.00**
S. No.	**Recurring p.a.**	
1.	Contingency/Chemicals/Consumables/Glassware @ Rs.1.00. Lakh	5.00
2.	Travel/Field facilities/Field trips for Faculty members only (all within India Only) @Rs.1.50. Lakh	7.50
3.	Visiting Fellows @ Rs. 0.50. Lakh	2.50
4.	Seminars (organization) on thrust area @ Rs.2.50 (Three)	7.50
5.	Hiring the Technical and Supporting staff @ Rs. 0.25	1.25
6.	Advisory Committee meetings (TA/DA for UGC nominee in the committee) @ Rs.1.00	5.00
7.	Books & Journals @ Rs. 3.00	
8.	**Project Fellows (One)**	15.00
	Total(R + PF)	**Actual + 43.75 + P.F.**
	Grand total (NR + R + PF)	**79.75 + P.F.**

Non – Recurring **(Rs. In lakh)**
Recurring **Rs. 36.00 Lakh**
Rs. 43.75 Lakh

****Total (NR + R+ P.F.) for 5 year = Rs. 79.75 Lakh + One P.F.**

(Rupees Seventy Nine Lakh Seventy Five Thousand only) + One Project Fellows

****The aforesaid approval is up to 31-03-2019 only. Further the scheme may co subject to concurrence and availability of funds from Ministry of Human Re Development (MHRD).**

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University is to maintain a separate **flexi saving bank account** for the grants released r Special Assistance Programme. Interests earned against Grants-in-aid (Other than bursement) released to any grantee institutions should be mandatorily remitted to UGC ant immediately after finalization of accounts. Any interest earned out of Grants in aid ld not be allowed as additional funds over and above the allocation.

University/ Department shall follow the SAP Guidelines posted on the UGC site.

appointment of Project Fellow, UGC guidelines for SAP/MRP shall be followed. The ls of the appointed Project Fellow duly authenticated by the competent authority are to nd to UGC as per the enclosed format. However, following documents are to be retained e University /Department and furnished to UGC as and when called for:-

of Notification/Advertisement of the vacancy
of Minutes/Recommendation of the Selection Committee constituted for appointment Project Fellow
of University Order to the appointment of the Project Fellow
of Joining Report of Project Fellow
ted copy of P.G. Mark Sheet
ted copy of Cast/Disability Certificate in case the candidate belongs to reserved gory and obtained below 55% marks
ted copy of Matriculation Certificate for age proof.
Certificate duly singed by the Registrar.
data in respect of Project fellow.
th-wise salary expenditure statement in respect of each Project Fellow.
of project fellow should be below 40 years.

University/Institute shall follow the norms for appointment of Programme Co-ordinator Deputy Co-ordinator (no Joint Co-ordinator or Co-ordinator) and also constitute an ory Committee as per the guidelines of the Commission which can be downloaded from s website ww.ugc.ac.in and follow the terms of reference of the Advisory Committee to e effective implementation and monitoring of the Programme. The constitution of the ory Committee is compulsory for all departments which are being supported under The UGC nominees in the Committee will be as indicated below. The departments shall ct the UGC nominees for their acceptance and intimate the Commission.

Peeyush Chandra, Department of Mathematics, I.I.T., Kanpur – 208 016.

S.D. Adhikari, Department of Mathematics, Harish-Chandra Research Institute, rag Road, Jhusi, Allahabad -211 019

ctive participation of the UGC nominees in each meeting of the Advisory Committee is tial. The composition and terms & reference of the Advisory Committee will be as given UGC website **www.ugc.ac.in.**

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(1)

he University/Institution shall include a specific condition in the Utilization ertificate, in respect of any financial assistance or grants-in-aid to any institution nder any of the general or special schemes of the Commission that the iversity/institution has complied with the anti-ragging measures by stating that:

he University/ Institution/College is strictly following the UGC Regulations on rbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours faithfully,

09 Apr, 18

(Mamta R. Agarwal)
Joint Secretary

TE:- Please see SAP guidelines on UGC website www.ugc.ac.in.

Bhim Prasad Sarmah,
ordinator (DRS-II),
partment of Mathematics,
pur University,
pur - 784 028.

y for information to: -

P.S. to Vice Chancellor,
pur University, Tezpur - 784 028.

Head, Department of Mathematics,
pur University, Tezpur - 784 028.

Peeyush Chandra,
rtment of Mathematics,
, Kanpur – 208 016.

S.D. Adhikari, Department of Mathematics,
sh-Chandra Research Institute,
atnag Road, Jhusi, Allahabad -211 019.

Secretary, State Government of Assam,
rtment of Education, Dispur.

d File.

510/4/DRS/2011(SAP-I)

(Nirmal Kaur)
Under Secretary

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No.SR/WOS-A/CS-35/2017 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Serial ... 146 ... (2)
... 15/5/18 ...
... R&D ...
... Bhawan
New Mehrauli Road
New Delhi-110016
Dated 24.04.2018

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "Synthesis of mixed-ligand peroxo complexes of vanadium and tantalum and exploration of their biochemical properties."

Ms Gangutri Saikia, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur-784028, Assam.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 15,70,000/-** (Rupees Fifteen Lakh Seventy Thousand only) for a duration of 2 years. The detailed breakup of the grant for General (**Rs 13,20,000/-**) as well as Capital (**Rs 2,50,000/-**) Components are given below:

Sl. No.	Heads	1st Year	2nd Year	Total
A.	***Non-Recurring* (Capital Items)**			
	Equipments: Vacuum pump, Micropipette, Magnetic stirrer, Heating mangle, pH meter, Computer, Printer, Ultrasonicator, Autoclave, Deep freezer	2,50,000/-	---------	2,50,000/-
B.	***Recurring*(General)**			
	Fellowship for M.Sc@Rs 30,000/-	3,60,000/-	3,60,000/-	7,20,000/-
	Consumables	2,00,000/-	2,00,000/-	4,00,000/-
	Contingencies	15,000/-	15,000/-	30,000/-
	Travel	15,000/-	15,000/-	30,000/-
C.	**Overhead**	82,500/-	57,500/-	1,40,000/-
D.	**Total of Recurring Grant (B+C)**	**6,72,500/-**	**6,47,500/-**	**13,20,000/-**
E.	**GRAND TOTAL (A+D)**	**9,22,500/-**	**6,47,500/-**	**15,70,000/-**

Sanction of the grant is subject to the conditions as detailed in website www.online-rosa.gov.in

The sanction of the President is also accorded to the release of **Rs 6,72,500/-** (Rupees Six Lac Seventy Two Thousand Five Hundred only) under "General Component" to The **Registrar, Tezpur University, Napaam, Tezpur-784028, Assam** being the first installment of the grant for the year 2018-2019 for implementation of the above mentioned project.

This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital Head grant.

The grant-in-aid being released is subject to the condition that.

Contd ./2

Copy to (1) Prof. N. Islam, Dept. of Chemical Sciences
(2) Ms. Gangutri Saikia Dept. of CS.
09/5/2018

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(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2018-19:

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 **Grants-in-aid General** for the year 2018-2019 **(Voted)**
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of **Rs 6,72,500/-** (Rupees Six Lac Seventy Two Thousand Five Hundred only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **Registrar, Tezpur University, Napaam, Tezpur-784028, Assam**. The bank details for electronic transfer of funds through RTGS are given below:-

Institute name	: Tezpur University
Bank Name	: State Bank of India
Account Number	: 30448821505
Branch	: Sonipur, Assam
IFSC code	: SBIN0000195

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **25** in the register of grants maintained in the **KIRAN Division** for scheme **(KIRAN: WOS-A)**.

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/**147**/2018-19 dated 20.04.2018.

(Vandana Singh)
Scientist-D

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Registrar, Tezpur University, Napaam, Tezpur-784028, Assam.
4. Prof. Nashreen S. Islam, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur-784028, Assam.
5. Ms Gangutri Saikia, Department of Chemical Sciences, Tezpur University, Napaam, Tezpur-784028, Assam.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.

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विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुर शाह जफर मार्ग नई दिल्ली–110002
Bahadurshah Zafar Marg, New Delhi - 110002
Phone : 011-23604410, 011-23604425

सत्यमेव जयते

ज्ञान-विज्ञान विमुक्तये

FD Diary No.1787
Dated : 21.05.2018

No.F.30-437/2018(BSR)

Dated: May, 2018

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002.

- 7 JUN 2018

Subject:- **Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2018-2019 under Revenue.**

Sir,

The University Grants Commission convey its approval and allocate a sum of **₹10,00,000/- (Rupees Ten Lakhs Only) @ ₹10.00 Lakh to each Faculty** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of **₹8,00,000/- (Rupees Eight Lakhs only) (80% of the approved Grant ₹10.00 Lakhs to each Faculty)** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2018-2019.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (₹)	Amount being released (80%) (₹)
UGC-BSR Start-up grant for newly recruited faculty at Assistant Professor level in science department	3(D) 31	Dr. Nishant Rachayya Swami Hulle	Food Engineering and Technology	10,00,000/-	8,00,000/-
			Total:	10,00,000/-	8,00,000/-

2. The sanctioned amount is debitable to the major Head **3(D) 31** and is valid for payment during the financial year 2018-19 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** through Electronic mode as per the following details:

a.	**Details (Name & Address) of Account Holder**	:	**Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.**
b.	**Account No.**	:	**1699695635**
c.	**Name & Address of Bank Branch**	:	**Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784 001, Assam.**
d.	**MICR Code**	:	**784016002**
e.	**IFSC Code**	:	**CBIN0281346**
f.	**Type of Account**	:	**Saving**

4. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.

5. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and

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those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guideline there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the UGC as early as possible after the close of the current financial year.

8. The assets acquired wholly or substantially out of University Grants Commission's Grant Shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given, without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.

9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.

10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10 % per annum as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.

11. The University / Institution shall follow strictly the Government of India / UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.

12. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.

13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admn. IA & B)] dated 28/5/2013.

14. The University /Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

15. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. This issues with the concurrence of IFD vide Diary No.**163** (IFD) Dated **11.04.2018.**

19. This issues with the approval of **C.M. Sectt.** vide Diary No.**45483** Dated **24.04.2018**

Noted in BCR Register 2018-2019 at P.No.64 S.No.17.

Yours faithfully,

(Mrs. Paramjeet)
Deputy Secretary

Copy forwarded for information and necessary action to:-

1. **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.** He/She is requested to abide by these instructions/guidelines of sanction order.
2. The Secretary (Education) to the State Government of **Assam, Guwahati.**
3. **The Head, Department of Food Engineering & Technology, Tezpur University, Napaam, Tezpur-784 028 Assam.**
4. **Dr. Nishant Rachayya Swami Hulle, Department of Food Engineering & Technology,Tezpur University, Napaam, Tezpur-784 028 Assam.**
5. The Director General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
6. Guard file.

(Neera Chopra)
Section Officer

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गोविन्द बल्लभ पन्त राष्ट्रीय हिमालयी पर्यावरण एवं सतत् विकास संस्थान
G. B. Pant National Institute of Himalayan Environment and Sustainable Development
(An Autonomous Institute of Ministry of Environment, Forest and Climate Change, Govt. of India)
Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

No.: GBPI/IERP/17-18/31/02

Date: 22 May 2018.

To
The Registrar,
North Eastern Regional Institute of Science & Technology,
Deemed University,
Nirjuli -791 109, Itanagar,
Arunachal Pradesh.

Subject: Financial assistance for the project **"Status survey and potential threats of threatened Mishmi Takin (Budorcas taxicolor) and its conservation through sensitization of local communities in Eastern Arunachal Pradesh, India"** under the guidance of Dr. Awadhesh Kumar, Department of Forestry, NERIST, Nirjuli, Arunachal Pradesh, as a Principal Investigator (PI).

Sir,

I am directed to convey the sanction of the above-mentioned project at a total cost of Rs. 9,97,480/- (Rs. Nine lakh ninety seven thousand four hundred eighty only) for a period of three years as per break-up given below:

Heads	First Year (in Rs.)	Second Year (in Rs.)	Third Year (in Rs.)	Total (in Rs.)
A. Salaries/Wages* (i) Junior Project Fellow, JPF (One) @ Rs. 16,000 p.m. for 1st & 2nd years as JPF and @ Rs. 18,000 p.m. for 3rd year as SPF + 8% HRA or minimum Rs. 1800 p.m.	2,13,600/-	2,13,600/-	2,37,600/-	6,64,800/-
B. Consumables Field items, etc.	20,000/-	20,000/-	20,000/-	60,000/-
C. Travel/POL	30,000/-	30,000/-	30,000/-	90,000/-
D. Contingencies (Including cost of preparation of APR/FTR/PC, etc.)	20,000/-	20,000/-	20,000/-	60,000/-
E. Non-consumables Equipments Portable weather station (1), Headlamps (1).	32,000/-	-	-	32,000/-
Total (A to E)	3,15,600/-	2,83,600/-	3,07,600/-	9,06,800/-
F. Institutional/Overhead Charges**	-	-	-	90,680/-
Grand Total (A to F)	**3,15,600/-**	**2,83,600/-**	**3,07,600/-**	**9,97,480/-**

* The Junior Project Fellow (JPF) should be selected through open advertisement and may be encouraged to register for higher degree. Preference will be given to NET/GATE qualified candidates.

** Institutional/Overhead Charges (based on the actual expenditures incurred) for the complete tenure of the project will be processed/released by the Institute only on receipt of all the requisite project documents [including Final Technical Report (FTR), etc.] as well as a requisite certificate from the grantee organization/PI after the completion of the project.

2. Sanction is also accorded for the release of an amount of Rs. 3,15,600/- (Rs. Three lakh fifteen thousand six hundred only) as first installment of the grant for the first year as per details given below: -

Head of expenditure	**Amount (in Rs.)**
(a) Salary	2,13,600/-
(b) Consumables	20,000/-
(c) Travel/POL	30,000/-
(d) Contingency	20,000/-
(e) Non consumables Equipments	32,000/-
Total	3,15,600/-

3. Your project falls in the thematic areas 'Conservation and management of biodiversity' of this Institute. It is expected that the datasets generated and outcomes of your project will strengthen the R&D activities of the Institute under the above-mentioned thematic areas and help it in building up strong research backup for policy intervention.

4. The sanction of the grant is subject to the conditions given in Annexure - I.

5. On the basis of the terms and conditions given in Annexure - I, action is being taken up for the drawl of the sanctioned amount of the first installment of the first year's project grant during the financial year 2018-2019.

6. The amount of Rs. 3,15,600/- (Rs. Three lakh fifteen thousand six hundred only) will be drawn by the Drawing and Disbursing Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand, and shall be disbursed through **RTGS/NEFT** in favour of **the Registrar, NERIST, Itanagar,** Arunachal Pradesh.

7. The amount will be debitable to major Head "*Ecodevelopment*" under sub-head '*Extra mural grants*' for the period 2018-2019.

8. The sanction has been issued under the powers delegated to the Institute and with the concurrence of the Competent Authority.

Encl.: Annexure - I.

Yours Sincerely,

(Dr. R.C. Sundriyal)
Scientist-in-Charge, IERP

Scientist Incharge, I. E. R. P.
Govind Ballabh Pant Institute of
Himalayan Environment & Development,
KOSI-Katarmal-ALMORA-263643

Copy for information and necessary action to:

1. The Finance Officer, GBPNIHESD, Kosi-Katarmal, Almora, Uttarakhand, for necessary action (2 copies).

2. **Dr. Awadhesh Kumar,** Department of Forestry, NERIST (Deemed University), Nirjuli – 791 109, Itanagar, Arunachal Pradesh. Annexure - I (IERP guidelines) is enclosed herewith for your ready reference. **Please send your acceptance for the terms and conditions of this sanction letter so that the NEFT/RTGS of the sanctioned amount could be sent to the Registrar of your University.**

I. Please note that following documents must be submitted to the Institute before the start of the project activities.

- Endorsement of the head of the University indicating that all the requisite infrastructural facilities will be provided to the PI for the smooth functioning of the project and also be endorsed that the financial liabilities of the project will taken up carefully by the University.

- Certificate of collaboration agency (i.e., Aaranyak, Beltola, Guwahati).

II. Following may please be ensured/noted.

- Estimation of population size, potential threats, and sensitization/training programme should be ensured.

- The PI will present the progress report of the project work in front of the Project Evaluation Committee (PEC) & expert panel as and when ask by the funding agency. The expenditure will be met out from the Contingency head of the project grant.

- As soon as the project is started as per terms and conditions of the project grant, the date of start of the project and also the date of joining of the sanctioned project staff along with a copy of the selection committee's report be communicated to the Institute at the earliest.

- A certificate from the Head of the organization indicating that quarter/hostel facility has not been provided to the JPF (appointed under the project) be also submitted to the Institute after the appointment of the JPF is made by the Organization.

- The project grant sanctioned as above is final and will not be enhanced under any head of the project in view of the decision of the PEC.

- No extension of period of the project (after completion of 3 years) will be considered under any circumstances.

- The grants from the 2nd year onwards will be released by the Institute on the basis of the actual expenditures (which should not exceed the original sanction) incurred in the previous year by the Principal Investigator/grantee organization.

III. Please note that the second year's grant under the project will be processed/released by the Institute on receipt of the following documents.

(i). First year's detailed ANNUAL PROGRESS REPORT (5 copies; duly bound) as per outlines given in Appendix IV (attached with the Annexure – I)

(ii). UTILIZATION CERTIFICATE and EXPENDITURE STATEMENT for the first year of the project as per outlines given in Appendix II and III respectively (attached with the Annexure – I).

3. Sanction folder/G.F.

4. Office copy to the project file.

(Dr. R.C. Sundriyal)
Scientist-in-Charge, IERP

FILE NO. EMR/2016/006550

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 24-May-2018

ORDER

Subject: Financial Sanction of the research project titled "**Development of enzyme based biosensors through sol-gel techniques for debittering of grape fruit and mosumbi juice** " under the guidance of Dr. Poonam Mishra, Food Engineering and Technology, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Prof. Partha Pratim Sahu, Professor, Electronics And Communication Engineering, Tezpur University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 2661598/-** (Rs. Twenty Six Lakh Sixty One Thousand Five Hundred and Ninety Eight Only) with break-up of **Rs.** *1209635/-* under **Capital (Non-recurring) head** and Rs.*1451963/-* under **General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 2661598/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -s Multimeter -s pH meter -s Double beam spectrophotometer (Aquamat) -s Electronic balance (Mettler) -s Spin coating machine	1209635
A'	*Total (Non-Recurring)*	***1209635***
B	**Recurring Items**	
1	Recurring - I (Manpower) Recurring - II (Consumables, Travel, Contingencies)	660000 550000
2	Recurring - III (Overhead Charges)	241963
B'	*Total (Recurring)*	***1451963***
C	**Total cost of the project (A' + B')**	**2661598**

2. Sanction of the SERB is also accorded to the payment of **Rs. 1209635/-** (Rupees Twelve Lakh Nine Thousand Six Hundred and Thirty Five only) under 'Grants for creation of capital assets' and **Rs. 725955/-** (Rupees Seven Lakh Twenty Five Thousand Nine Hundred and Fifty Five only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.
3 The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Plant Sciences)

4 The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **22 May, 2018** and vide Diary No. SERB/F/1056/2018-2019 dated **23 May, 2018**

5 Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6 Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7 While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8 As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9 The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with the approval of SERB.

10 The release amount of **Rs. 1935590/-** (Rupees Nineteen Lakh Thirty Five Thousand Five Hundred and Ninety Only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**

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Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam-784001, 91-3712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	poonam@tezu.ernet.in

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/006550 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Shilpi Paul)
Scientist E
ms_ps@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Poonam Mishra Food Engineering and Technology Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: poonam@tezu.ernet.in Mobile: 919435035745 Prof. Partha Pratim Sahu Electronics And Communication Engineering Tezpur University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Shilpi Paul)
Scientist E
ms_ps@serbonline.in

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FILE NO. MTR/2017/000038

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ubject: Financial Sanction of the research project titled "**Development of dispersion, dissipation haracteristics preserving finite difference schemes for fluid flow problems.**" under the guidance of **Dr. huvam Sen, Department of Mathematical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, ezpur, Tezpur, Assam-784011** - Release of 1st grant.

ORDER

Dated: 29-May-2018

anction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned llowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a duration of 36 months.

he items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

. No	Budget Head	Amount	
	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	**Total** (in Rs.)
	Overheads	Rs. 20,000/- per annum	6,00,000
	Total Cost		60,000
			6,60,000

Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty ousand only) to **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of e grant for the year 2018-2019 for implementation of the said research project.

The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
is release is being made under MATRICS - PAC Mathematical Science

The Sanction has been issued to with the approval of the competent authority vide Diary No. RB/F/**420/2018-2019** dated **09 May, 2018**

anction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ww.serb.gov.in).

urpose for which grants can be used are detailed at website (www. http://serb.gov.in/matrix.php).

nly one international travel is allowed during the tenure of the project.

verhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities general administrative support etc. including benefits to the staff employed in the project.

s per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit never the institute is called upon to do so.

he release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by the nce and Budget officer of the SERB and will be disbursed by means of RTGS transaction as per their bank ls given below:

unt Name	TEZPUR UNIVERSITY R & D
unt Number	30448821505
Name & Branch	State Bank of India TEZPUR BRANCH, LAKE ROAD, TEZPUR, SONITPUR, ASSAM, PIN - 784001
/RTGS Code	SBIN0000195
l address of PI	shuvam@tezu.ernet.in
l address of concerned officer	ms_ms@serbonline.in

e institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited ment of accounts pertaining to the grant immediately after the end of each financial year.

e institute will maintain separate audited accounts for the fellowship. A part or whole of the grant be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned e treated as credit to the institute to be adjusted towards further installment of the grant.

e File no. MTR/2017/000038 may also be mentioned in all research communications arising from the project with due acknowledgement of SERB.

this is the first grant for the fellowship, no previous U/C is required.

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15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Magesh K
Scientis
ms_ms@serbonline

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Shuvam Sen Department of Mathematical Sciences Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: shuvam@tezu.ernet.in Mobile: 919435080655 (Start date of the project may be intimated by name to the undersigned. For guidance, term Conditions etc. Please visit www.serb.gov.in.)
5.	Vice Chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Magesh K
Scienti
ms_ms@serbonlin

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भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
(पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)
डॉ. होमी भाभा मार्ग पाषाण, पुणे- ४११ ००८

IITM

INDIAN INSTITUTE OF TROPICAL METEOROLOGY
(An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)
Dr. Homi Bhabha Road, Pashan, Pune - 411 008. India

ESSO

Ref: IITM/Metflux/NG/2018-19/816 Date: 04 JUL 2018

The Registrar
Tezpur University
Tezpur-784082, Assam

Sub: Sanction of project on "Soil-Plant-Atmosphere Study in Relation to Net CO_2 Flux from Terrestrial Ecosystem of Assam"

Sir,

The Advisory Committee for the MetFlux India Project made an assessment of the project in a meeting held at the Mausam Bhavan, IMD, New Delhi on 4th April, 2018. The Committee made the following recommendations in regard to the functionality of the Kaziranga National Park site, Assam.

Long time observations are needed to study the interannual variability of the GHGs and energy fluxes. Effort should be made to repair the faulty sensors and resume the observations of the soil parameters. A methane sensor may be installed to estimate the methane fluxes in this ecosystem. The Committee also suggested to measure the OH radical in the atmosphere simultaneously with the methane observation.

Based on the recommendation of the Committee, the Director, IITM, Pune hereby approves the continuation of the above mentioned project for a period of three years (2018-2021). An amount of Rs. 18,16,760/- is being sanctioned for the current financial year.

The year wise break up details of funds, manpower and other cost sanctioned under the above mentioned project is furnished below.

Sl. No.	Description	1st Year	2nd Year	3rd Year	TOTAL (Rs)
01	Manpower SRF-01; Tech. Asst. - 01	5,01,600	5,01,600	5,01,600	1504800
02	Contingency/consumable	400000	400000	400000	12,00,000
03	Travel	200000	200000	200000	6,00,000
04	Other Cost (Battery replacement/ Additional panels for new systems/ Fencing maintenance/Repainting of tower)	550,000	250,000	250,000	10,50,000
05	Sub-Total	1651600	1351600	1351600	4354800
06	Overhead (10 % of (01+02+03+04)	165160	135160	135160	435480
09	TOTAL (05+06)	18,16,760	14,86,760	14,86,760	47,90,280

The basic terms and conditions are appended in the annexure.
Kindly acknowledge the receipt of this letter.
Thanking You,

Sincerely Yours,

Prof. Ravi Nanjundiah
प्रो. रवि एस. नन्जुनडैया / Prof. Ravi S. Nanjundiah
निदेशक / Director
भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
Indian Institute of Tropical Meteorology.
डॉ. होमी भाभा रोड, / Dr. Homi Bhabha Road,

दूरभाष / Telephone: (020) 25904200 / 25865053 | फैक्स / Fax : (020) 25865142 | वेब / Web : www.tropmet.res.in

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भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
(पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)
डॉ. होमी भाभा मार्ग पाषाण, पुणे- ४११ ००८
INDIAN INSTITUTE OF TROPICAL METEOROLOGY
(An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)
Dr. Homi Bhabha Road, Pashan, Pune - 411 008. India
IITM
ESSO

प्रो. रवि एस. नन्जुनडैया
निदेशक
Prof. Ravi S. Nanjundiah
Director

150 YEARS OF CELEBRATING THE MAHATMA

Ref: IITM/Metflux/NG/2019-20

Date: 16 September 2019

The Registrar
Tezpur University
Tezpur-784082. Assam

Sub: Sanction of project on "Soil-Plant-Atmosphere Study in Relation to Net CO_2 Flux from Terrestrial Ecosystem of Assam"

Sir,

The Advisory Committee for the MetFlux India Project made an assessment of the project in a meeting held at the Mausam Bhavan, IMD, New Delhi on 9th July 2019. The recommendations are given below.

The data presented by the PI showed relatively high values of positive NEE during the night time, which may have been triggered by high soil respiration. Hence the PI should arrange to install a Soil CO_2 sensor to quantify the heterotrophic respiration. An EC sensor within the canopy should be used to characterise the under story carbon fluxes. Other bio-physical parameters such as, plant biomass, leaf are index, fresh litter fall etc. should also be measured on a regular basis. The Committee advised to carry out rigorous estimation of the NEE and its portioning into the GPP and ecosystem respiration. The relation between NEE and various biophysical parameters should be examined. Since a large area of the forest turns to wetland on a seasonal basis, the Methane fluxes may also be measured. The Committee, in principle, recommends allocating funds to meet the operational costs for the next three years, viz, 2019-2020, 2020-2021, and 2021-2022.

Based on the recommendation of the Committee, the Director, IITM, Pune hereby approves the continuation of the above mentioned project for a period of three years (2019-2022). An amount of Rs. 17,75,400/- is being sanctioned for the current financial year (Apr 2019 to Mar 2020).

....2/-

दूरभाष / Telephone: (020) 25865143 / 25904200
ई-मेल / e-mail : ravisn@tropmet.res.in
फैक्स / Fax : (020) 25865142
वेब / Web : www.tropmet.res.in

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FILE NO. EMR/2017/003092

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Subject: Financial Sanction of the research project titled "**Study of the Abundance and Characteristics of Interstellar Dust**" under the guidance of Dr. Rupjyoti Gogoi, Physics, Tezpur University , Distt. sonitpur p.b no.72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. **Amit Pathak,** Assistant Professor, Department Of Physics, Tezpur University - Release of 1st grant.

ORDER Dated: 04-Jun-2018

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 1965562/- (Rs. Nineteen Lakh Sixty Five Thousand Five Hundred and Sixty Two Only) with break-up of Rs. ***457275/-* under Capital (Non-recurring)** head and Rs.*1508287/-* under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 1965562/-** has been approved are given below: The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Printer -> Workstation	457275
A'	*Total (Non-Recurring)*	***457275***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies)	1029600 300000
2	Recurring - III : (Overhead Charges)	178687
B'	*Total (Recurring)*	***1508287***
C	**Total cost of the project (A' + B')**	1965562

2. **Sanction of the SERB is also accorded to the payment of Rs. 457275/- (Rupees Four Lakh Fifty Seven Thousand Two Hundred and Seventy Five only) under 'Grants for creation of capital assets' and Rs. 502762/- (Rupees Five Lakh Two Thousand Seven Hundred and Sixty Two only) under** 'Grants-in-aid General' to Registrar, Tezpur **University**, Distt. **Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Physical Sciences)**

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on 30 May, 2018 and vide Diary No. SERB/F/1698/2018-2019 dated 02 June, 2018

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

Rupjyoti Gogoi

1/

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9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 960037/- (Rupees Nine Lakh Sixty Thousand and Thirty Seven only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar, Tezpur University**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Lake Road, Tezpur 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**biren@tezu.ernet.in**
Email id of PI	**rupjyotigogoi@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/003092 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

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4.	Dr. Rupjyoti Gogoi Physics Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: rupjyotigogoi@gmail.com Mobile: 919435559488 Dr. Amit Pathak Department Of Physics Tezpur University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

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REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

Dated : 05/06/2018

No. 03(1447)/18/EMR-II
From : Head, Human Resources Development Group

To
PROF JAYANTA KUMAR SARMA
DEPT OF PHYSICS
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :STUDIES ON PARTON RECOMBINATION AND RELATED NONLINEAR EQUATIONS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	NIL		
III	Contingency (per annum in ₹)	1st Year : 90,000	2nd Year : 90,000	3rd Year :90,000
IV	Equipment (lumpsum in ₹)	0		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2018 to 31/03/2019

No	Grants	Amount (in ₹)
I	Staff	0
II	Contingency	82,500
III	Equipment	0
	Total :	**82,500**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/Principal/Director Tezpur Univ, Tezpur-28, ASSAM The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

SO
20/7/18

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रश्मि चौधरी
RASHMI CHOWDHARY
Joint Secretary

Office of the Registrar
Receipt No 1875
Date 14/6
Received by .....

भारत सरकार
सामाजिक न्याय और अधिकारिता मंत्रालय
शास्त्री भवन, नई दिल्ली–110 115
GOVERNMENT OF INDIA
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT
SHASTRI BHAWAN, NEW DELHI-110 115
E-mail : rashmi.edu@nic.in
Telephone : 011-23384259

Date: 06.06.2018

F.No. 10-4/2014/DAF

To

Dr. Biren Das,
Registrar, Dr. Ambedkar Chair,
Tezpur University, Napaam,
District- Sonitpur, Assam - 784 028

Subject : 'Dr. Ambedkar Medical Aid Scheme' (Revised in 2018) – reg.

Sir,

Dr. Ambedkar Foundation is an autonomous organization set up under the aegis of the Ministry of Social Justice & Empowerment. The Foundation had, inter-alia, been implementing a Scheme "Dr. Ambedkar Medical Aid Scheme" since January, 2004. The Scheme aims to provide medical aid to Scheduled Caste and Scheduled Tribe persons whose annual family income is less than Rs.3,00,000/- p.a., who are suffering from serious ailments requiring surgery of Kidney, Heart, Liver, Cancer and Brain or any other life threatening diseases including organ transplant and spinal surgery in designated hospitals.

2. During last two years, the Foundation has, provided Medical Aid to patients undergoing treatment/surgery at Civil Hospital, Aizawl, Mizoram State Cancer Institute, Aizawl and Civil Hospital, Lunglei in the State of Mizoram. Details list of the beneficiaries during 2016-17 and 2017-18 are enclosed as **Annexure-I & II** respectively.

3. To release the medical aid, the Foundation has to rely on the documents furnished by the beneficiaries and due to the distance factors, verifiying the authenticity of the documents before sanctioning medical aid in time bound manner becomes difficult.

4. Therefore, to ensure that the benefit reaches the genuine and needy people belonging to the SC/ST community for whom the scheme has been envisaged, may I request you to undertake a study, to include

(i) On the spot verification of antecedents and related documents of the beneficiaries,
(ii) Impact of the Scheme on the targeted community. A list of beneficiaries during the last 2 years under the Medical Aid Scheme from the State of Mizoram enclosed here with.

5. A confirmation/communication in this regard may kindly be forwarded to this office.

Yours faithfully,

(Rashmi Chowdhary)
Joint Secretary (Admn.), SJ&E &
Member Secretary, DAF

Encl: (i) Details of Benificiries in the state of Mizoram during the last two years 2016-17 & 2017-18 **(Annexure -I & II)**

(ii) Copy of Dr. Ambedkar Medical Aid Scheme (Old Scheme and the Revised Scheme 2018) **(Annexure -III)**

जैव विज्ञान अनुसंधान बोर्ड
रक्षा अनुसंधान एवं विकास संगठन मुख्यालय
तृतीय तल, डी आर डी ओ भवन
कमरा न 399/04 नई दिल्ली 110011
टेली फैक्स - 011-23012652
टेलीफोन 011-23007894/23007895
Email : lsrb@hqr.drdo.in

Life Sciences Research Board
Defence Res. & Dev. Organisation HQ
3rd Floor, DRDO Bhawan
Room No. 399/04, New Delhi – 110011
Tele Fax : 011-23012652
Tele : 011-23007894/23007895
Email : lsrb@hqr.drdo.in

20

No. O/o DG (TM)/81/48222/LSRB-314/LS&BD/2017

Date: 13.06.2018

To,

The Registrar
Tezpur University,
Napam, Assam-784028

Sub : **GRANTS IN AID SCHEME OF LIFE SCIENCES RESEARCH BOARD**

In exercise of powers vested in the Life Sciences Research Board vide Govt. of India, Ministry of Defence letters No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998 and subsequent amendment made vide letter No.CC R&D (TM)/01/01/Research Boards/247/D (R&D) dated 03rd Feb 2014 and DRDO/ DBFA/FA/83226/M/01/2031/D(R&D) dated 30 Jul 2010, para 3.1, as amended from time to time, I hereby convey the sanction of the Board for the following project at the cost of **Rs 22,53,842/- (Rupees Twenty two lakhs fifty three thousand eight hundred and forty two only).**

Project Title and No:

Title : "Usability of smartphone to evaluate the efficiency of polyniline based sensor for indication of freshness of fish fillet during chemical spoilage"

No : LSRB-314/LS&BD/2017

PI : Dr Poonam Mishra
Assistant Professor
Department of Food Engineering and Technology
Tezpur University, Napam
Assam-784028
Mob: 09435035745
Fax: 03712-267006
Email: poonam@tezu.ernet.in

Co-PI: Dr Pabitra Nath
Associate Professor
Department of Physics
Tezpur University, Napam
Assam-784028
Ph:03712-275575

PDC : 03 Years

Cost : Rs 22,53,842/- (Rupees Twenty two lakhs fifty three thousand eight hundred and forty two only).

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COST BREAK-UP

Grants	1st year IC	2nd year IC	3rd Year IC	L
(a). Research Staff (JRF- 01)	3,24,000	3,24,000	3,62,880	10,
(b).Non-expandable equipment and stores Autoclave, smartphone 4GB RAM, vibration isolation table.	4,33,890	NIL	NIL	4,3
(c) Expendable stores, Chemicals etc	2,47,000	90,000	90,000	4,27,5
(d). Contingencies	31,331	13,590	14,756	59,67
(e). TA/DA (including TA/DA of specialist/ monitors for the project)	39,000	39,000	39,000	1,17,000
(f). Overhead charges	1,07,572	46,659	50,664	2,04,895
Total	11,83,293	5,13,249	5,57,300	22,53,842

Grand Total: Rs 22,53,842/- (Rupees Twenty two lakhs fifty three thousand eight hundred and forty two only).

2. The research staff is only for the duration of the project. DRDO holds no responsibility for further employment/absorption of the staff. The staff will be recruited as per rules & procedure of the grantee institution.

3. Statements of account duly certified by the executive financial authority of the institution are also required to be submitted along with the annual reports. **Excess expenditure, beyond the yearly sanction, unless authorised by LSRB in writing, shall be the responsibility of the grantee institution.**

4. The annual statement of Expenditure & utilization certificate should be in accordance with the **General Financial Rule-19 (GFR-19).**

5. The duration of the project is **03 Years.** The date of issue of this letter would be reckoned as the commencement date of the project.

6. PI to ensure that the laboratory guidelines for genetic engineering, animal experimentation and medical ethics issued by DBT, Animal Welfare Division (CPCSEA) and Ministry of Health & Family Welfare, Govt. of India, respectively and any other statutory issues related to the experiments are adhered to.

7. A separate saving bank account for the grant would be maintained and interest earned thereon would be accrued in the project account by the Institute. **Interest earned to be refunded to LSRB in the form of DD / Cheque addressed to PCDA (R&D) New Delhi** along with contingent bill for the release of next year grant. On completion of the project, the grantee institute should send the unspent money to Member Secretary, LSRB through DD / Cheque in favour of PCDA (R&D), New Delhi.

8. A list of inventory of equipment purchased out of LSRB grant shall be intimated along with annual report/closure report, giving item-wise cost, date of purchase and source of procurement to LSRB Sectt. The equipment should be stamped LSRB Project number and each item should be serially numbered. The photocopy of the stock registers maintained by the institute/university for the non-expendable and expendable stores may be submitted duly audited with a **certificate** from the audit authorities that **"the necessary check has been made and the inventory is found to be in order"**. For further details, kindly refer the website of DRDO/LSRB i.e. http://www.drdo.gov.in/drdo/English/indexCorpDir.jsp?pg=home.jsp&dir=LSRB

9. **On completion of the project, the grantee institution would forward the consolidated audited list of equipments and expendable items, if any, with request for retention of equipment for another project or in house R&D, with due recommendations of their executive authority.**

10. **Dr K Jayathilkan, Sc 'E' from DFRL Mysore** and **Shri K Sathyaseelan, Sc 'D', DEBEL, Bangalore,** will be the facilitator. He will be visiting the Institute for periodical monitoring of the project.

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11. Following **policy on the Intellectual Properties** generated under the scheme will be taken care of:-

i) All Foreground Information and Foreground Intellectual Property, created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee Institution shall be deemed to have a royalty-free license to use such joint Foreground Information and Foreground Intellectual Property Rights for their own R&D purposes.

j) Grantee Institution shall not publish any research paper covering Foreground Information generated during the performance of the Project before seeking written consent from DRDO to assure that no proprietary information is released and no legal rights covering Foreground Information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.

k) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the Project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, prosecution, maintenance of Intellectual Property Rights applications including patent applications covering Foreground Information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent applications.

l) Grantee Institution may commercially exploit any Foreground Information and Foreground Intellectual Property Rights, generated during the performance of the Project, whether or not legally protected, for purposes other than Government Applications upon conclusion of the separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

m) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, world-wide perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purposes of Government Applications including armed forces and paramilitary forces.

n) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially supplying product/process based upon any Foreground Information and Foreground Intellectual Property, generated during the performance of project, whether
or not legally protected, to any particular third parties, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.

o) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.

p) The term of the above provisions shall survive the term of the Project.

12. If there is any legal issue/dispute, it shall be redressed within the jurisdiction of Delhi.

13. PCDA (R&D), DRDO Cell, West Block-V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned. Payment shall be released through e-payment system and physical cheques will not be issued. A mandate form is enclosed for filling up the required information and forwarding alongwith a blank cancelled cheque bearing account number.

14. In case of premature termination/closure of the project, the grantee institute is liable to refund the entire budget released to them alongwith interest.

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15. **Closure report** – On completion / closure / termination of the project, three copies of the consolidated co report (soft & hard copy) as per **ANNEXURE III** (refer website) should be submitted alongwith a certificate that objec of the project have been achieved. The Executive Summary & unspent amount if any will also be submitted through Cheque in favour of PCDA (R&D) by PI within **3 months** of completion of the project.

16. Ensure about providing of reservation for Scheduled Castes and Scheduled Tribes or OBC in posts and service

17. The expenditure will be debited to Major Head - 2080 (Defence Services) R&D Minor Head-004 Research & Development, Code Head 852/05 of the Defence Services Estimates.

18. Contingent bill (in triplicate) for the release of grant for first year i.e. **Rs. 11,83,293/- (Rupees Eleven lakhs eighty three thousand two hundred and ninety three only)** duly completed and signed on revenue stamp with official seal by the competent financial authority of the institute alongwith ECS mandate form may please be forwarded to us immediately for onward submission to PCDA for payment.

19. This issues with the concurrence of IFA (R&D), New Delhi vide their UO No 1940/0271 dt 12.06.2018

20. The sanction code is DGTM/TM/LSRB/GIA/18-19/0065 dt 13.06.2018

21. Kindly acknowledge receipt.

Yours faithfully

(Dr. Rajio Singh)
Member Secretary,
Life Science Research Board
O/o DG (TM)

Ink Signed Copy :

(vii) PCDA (R&D), DRDO Cell, West Block-V, R K Puram, New Delhi-110066
(viii) IFA (R&D), DRDO Bhawan, New Delhi-110011
(ix) DGADS, 'L-1' Block, Church Road, New Delhi-110011
(x) OS & DG (TM), DRDO Bhawan, New Delhi-110011
(xi) DS & DG (LS), DRDO Bhawan, New Delhi-110011
(xii) **Dr Poonam Mishra**
Assistant Professor
Department of Food Engineering and Technology
Tezpur University, Napam
Assam-784028

Copy to:

(vii) Chairman Spl Panel LS&BD and Director, DEBEL, Bangalore
(viii) Member Secretary, ARMREB, DRDO Bhawan, New Delhi-110011
(ix) Member Secretary, AR&DB, DRDO Bhawan, New Delhi-110011
(x) Member Secretary, NRB, DRDO Bhawan, New Delhi-110011
(xi) DER&IPR, DRDO Bhawan, New Delhi-110011

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FILE NO. EMR/2016/007445

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Low
Vasant
Plot No. A, Community e
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 18-Jun-2018

ORDER

Subject: Financial Sanction of the research project titled **"Study for label free optical detection of snake venom protein using Surface Plasmon Resonance technique"** under the guidance of Dr. Biplob Mondal, Electronics and Communication Engineering, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. Robin Doley, Associate Professor, Molecular Biology And Biotechnology, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4752100/-** (**Rs.** Forty Seven Lakh Fifty Two Thousand One Hundred **Only**) with break-up of **Rs. *2340500/-* under Capital (Non-recurring) head** and **Rs.*2411600/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4752100/-** has been approved are given below:
The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Ph meter -> Film thickness measuring instrument -> Digital weight balance (Other Cost: INR 80000) -> DAQ card -> Spin Coater -> Sonicator	2340500
A'	*Total (Non-Recurring)*	***2340500***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1029600 950000
2	Recurring - III : (Overhead Charges)	432000
B'	*Total (Recurring)*	***2411600***
C	**Total cost of the project (A' + B')**	4752100

2 Sanction of the **SERB** is also accorded to the payment of **Rs. 2340500/-** (Rupees Twenty Three Lakh Forty Thousand Five Hundred only) under 'Grants for creation of capital assets' and **Rs. 789500/-** (Rupees Seven Lakh Eighty Nine Thousand Five Hundred only) under 'Grants-in-aid General' to **Registrar, Tezpur** University, Distt. **Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3 The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
Th ase is being made under Core Research Grant. (PAC Electrical Electronics & Computer Engineering)

4 The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **23 May, 2018** and vide Diary No. **SERB/F/1789/2018-2019** dated **04 June, 2018**

5 Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6 Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7 While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8 As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9 The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10 The release amount of **Rs. 3130000/-** (Rupees Thirty One Lakh Thirty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**Registrar, Tezpur University**
Account Number	30448821505
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam 784001, 913712220592**
IFSC/RTGS Code	**SBIN0000195**

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11 The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial yea

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/007445 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16 The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi

17 The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India

(Dr. Rajwant SERB)
Scientist E
rajwant@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Biplob Mondal Electronics and Communication Engineering Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: biplobm@tezu.ernet.in Mobile: 918812832052 Dr. Robin Doley Molecular Biology And Biotechnology Tezpur University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.go
5.	Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Rajwant SERB)

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(29)

REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 03(1448)/18/EMR-II
From : Head, Human Resources Development Group

Dated : 06/8018

Serial No... 2173
Date of Receipt 21/6/18
File No... Dean R&D
Received by

Dean, R&D
19/6/18

To

DR DAMBARUDHAR MOHANTA
DEPT OF PHYSICS
TEZPUR UNIV
TEZPUR 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :EVALUATION OF RHEOLOGICAL AND VISIBLE EMISSION RESPONSES OF NANO-WS2/C-DOT AS ADDITIVES

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-RA / SRF / JRF		
III	Contingency (per annum in ₹)	1st Year : 1,50,000	2nd Year : 1,50,000	3rd Year :1,50,000
IV	Equipment (lumpsum in ₹)	5,00,000 (LS)		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2018 to 31/03/2019

No	Grants	Amount (in ₹)
I	Staff	3,96,000
II	Contingency	1,37,500
III	Equipment	5,00,000
	Total :	**10,33,500**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-

1. Registrar/Principal/Director Tezpur Univ, Tezpur - 784028. The utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

File.
21/6/17

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Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref. No. BIRAC/BT/AIR0336/PACE-13/17

Dated : 22.06.2018

Sub: Funding of Project entitled "Development of snake venom toxins-targeted specific novel anti-venom" for funding under ACADEMIC INNOVATION RESEARCH (AIR) under Promoting Academic Research Conversion to Enterprise (PACE)

GRANT-IN-AID LETTER AGREEMENT

This Grant-in-aid Letter Agreement (hereinafter called as "GLA") is between Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 2013 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi-110003 (the "BIRAC") and the entities mentioned below for research proposal entitled "**Development of snake venom toxins-targeted specific novel anti-venom**"

1. **Recipient(s) and Designated Project Investigator(s):**

S. No.	Recipient(s)	Designated Project Investigator
1	**Tezpur University**, an Institute having its office at **Napaam, Tezpur, Assam-784028,** herein referred to as the "Lead Institute" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees)	**Dr. Ashis Mukherjee** Professor, Tezpur University, Napaam, Tezpur -784028, Assam Email: ashmukh@yahoo.co.uk
2	**Premium Serums & Vaccines Pvt. Ltd.**, a Company incorporated under the Companies Act, 2013 having its registered office at **406, B Wing Highway Rose Co-Op. HSG. Society 92, Dixit Road Extension, Vile Parle east, Mumbai Maharashtra, 400057, 91-0827-5754803, 91-9021983818.** hereinafter referred to as the "Company" (which expression shall wherever the context so admits include its successors in interest, liquidators, administrators and permitted assignees).	**Dr. Milind Khadilkar** Technical Director, Premium Serums & Vaccines Pvt. Ltd. 406, B Wing Highway Rose Co-Op. Hsg. Society 92, Dixit Road Extension Vile Parle East Mumbai- 400057.Maharashtra Email: mvkhadilkar@premiumserums.com

2. **Aims & Objectives:**

The detailed aims and the objectives that are to be executed by the aforesaid are as per the detailed Project document, submitted including revisions/modifications incorporated therein (hereinafter called as "Project") and appended herein as Schedule 3.

06.7.2018
Dean
Research & Development
Tezpur University

New Delhi

Premium Serums & Vaccines Pvt. Ltd.
Narayangaon (Pune)

1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi - 110003, India
Phone: +91-11-24389600 Fax: +91-11-24389611 Website: www.birac.nic.in E-mail: birac.dbt@nic.in
CIN No. : U73100DL2012NPL233152

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The main objectives proposed to be achieved from the project are enumerated hereunder:

1) Designing of epitope-string peptide immunogens against-(i) major toxins, and (ii) partial/negligible immuno-recognition toxins against commercial polyvalent anti-venom from "Big Four" snake venoms from India, Pakistan, and Sri Lanka, and Eastern India *Naja kaouthia* venom (TU)
2) To study the in vivo neutralization of toxicity and lethality of crude venoms by (i) polyclonal antibodies raised in rabbits against synthetic peptides designed against major toxins of "Big Four" snake venoms
3) Formulation of improved anti-venom by supplementation of selected anti-custom peptides F[ab] 2 antibodies against snake venom at different proportions to conventional anti-venom for *in- vivo* venom neutralization study in Swiss albino mice.

3. Project **Duration:**
The Recipients shall complete the Project within the stipulated period of **18** months from the date of acceptance of the GLA by all the recipients. In the event the Parties affix their signatures to this GLA on separate dates, the GLA shall be effective from the date on which the last set of signature is affixed thereto **"Effective Date"**. Project Duration is subject to the Change order(s) issued by the BIRAC from time to time.

4. Project **Implementation Site:**

Tezpur University, Napaam, Tezpur, Assam-784028
&
Premium Serums & Vaccines Pvt. Ltd., 406, B Wing Highway Rose Co-Op. HSG. Society 92, Dixit Road Extension, Vile Parle east, Mumbai Maharashtra, 400057

5. Project **Cost and Contribution:** The total estimated cost of the Project is **Rs. 43.10** Lakhs (Rupees Forty-Three Lakhs and Ten Thousands only). The contribution of BIRAC is **Rs. 38.00** Lakhs (Rupees Thirty-Eight Lakhs only) as Grant-in-aid to the **Tezpur University**. The contribution of BIRAC is **Rs. 5.10** Lakhs (Rupees Five Lakhs and Ten Thousands only) as Grant-in-aid to the **Premium Serums & Vaccines Pvt. Ltd., Mumbai** on the terms and conditions detailed in this GLA.

6. BIRAC Budget break-up:

Details	Support under PACE to		Total BIRAC Support
	Tezpur University	Premium Serums & Vaccines Pvt. Ltd.	
	(Rs.in Lakhs)		
Non-recurring	1.50	0.00	1.50
Recurring	36.50	5.10	41.60
Total	38.00	5.10	43.10

Dean
Research & Development
Tezpur University

New Delhi

Premium Serums & Vaccines Pvt. Ltd.
Narayangaon
(Pune)

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Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref. No.: BT/CRS0336/PACE-13/17

Dated: 5th April, 2021

EXTENSION ORDER

Subject: Regarding the extension of the PACE project Ref. No. BT/CRS0336/PACE-13/17 entitled "*Development of snake venom toxins-targeted specific novel antivenom*" by Tezpur University, Assam and Premium Serums and vaccines Pvt. Ltd., Pune

In continuation of Sanction Order dated **22nd June, 2018** for the project entitled "***Development of snake venom toxins-targeted specific novel antivenom***" **by Tezpur University, Assam and Premium Serums and vaccines Pvt. Ltd., Pune.** This is to convey the approval of BIRAC for extension of the above project till **9th April 2021** without any extra cost.

The other Terms and Conditions remain the same.

This has approval of the competent authority.

Sanjay Saxena

Dr. Sanjay Saxena
GM & Head Investment-BIRAC

To,

Dr. Ashis Mukherjee, Professor, Tezpur University, Napaam, Tezpur -784028. Assam. Email: ashmukh@yahoo.co.uk

Dr. Milind Khadilkar, Technical Director, Premium Serums & Vaccines Pvt. Ltd., 406, B Wing Highway Rose Co-Op. Hsg. Society 92, Dixit Road Extension, Vile Parle East. Mumbai- 400057.Maharashtra
Email: mvkhadilkar@premiumserums.com

Copy to:

1. Head (F&A), BIRAC
2. Finance Manager, BIRAC
3. Manager Accounts, BIRAC

Sanjay Saxena

Dr. Sanjay Saxena
GM & Head Investment-BIRAC

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ADM:

No. BT/PR24700/NER/95/819/2017 **MED/2017/28**

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 26 / 06 /2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Understanding the role of adipose tissue remodelling in exercise induced insulin sensitivity**" for a period of 3 Year 0 Month at a total cost of Rs. **7469992** (Rupees Seventy Four Lakhs Sixty Nine Thousand Nine Hundred and Ninety Two Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Understanding the role of adipose tissue remodelling in exercise induced insulin sensitivity"**

2.2 Details of the Investigators:

Project Cordinator

Dr. SUMAN DASGUPTA
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Department of Molecular Biology and Biotechnology, Tezpur University,
Assam, Tezpur, Assam, 784028

Principal Investigators:

Mohd. Asl

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Dr. SUMAN DASGUPTA
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Department of Molecular Biology
and Biotechnology, Tezpur
University, Assam, Tezpur,Assam,
784028

Dr. Durba Pal
Assistant Professor
Center for Biomedical Engineering
Indian Institute of Technology,
Ropar
Center for Biomedical Engineering,
Rm 323, Indian Institute of
Technology Ropar, Nangal Road,
Rupnagar, Punjab -140001,
Nangal,Punjab, 140001

Dr. SUMAN DASGUPTA
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Department of Molecular Biology
and Biotechnology, Tezpur
University, Assam, Tezpur,Assam,
784028

CO-PI:

Dr. Venkatasatishkumar Mattaparthi
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Department of MBBT, Tezpur University, Tezpur
- 784028, Assam

Mold. Ashe

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2.3 Objectives:

Overall Objectives:

1. Investigation of exercise induced microRNAs in adipocytes and its involvement in prevention of lipid induced insulin resistance.
2. Detail study of the involvement of exercise induced microRNAs in preventing lipid induced adipocyte inflammation.
3. Evaluation of exercise induced microRNAs in lipid induced macrophage infiltration and its polarisation in the adipose tissue.

Institute wise Objectives:

Indian Institute of Technology, Ropar

1. Investigation of exercise induced microRNAs in adipocytes and its involvement in rescue of lipid induced insulin resistance.
2. To study the involvement of exercise induced microRNAs in preventing lipid induced adipocyte inflammation.
3. Detail study on the underlying mechanism of exercise effect in preventing lipid induced adipocyte inflammation

Tezpur University

1. Standardization of exercise mimicking condition in in-vitro system and the analysis of its beneficial effect on insulin sensitivity.
2. To evaluate the role of exercise induced microRNAs in macrophage infiltration.
3. To explore the effect of exercise induced microRNAs in alteration of macrophage polarization.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **7469992**/-(Rupees Seventy Four Lakhs Sixty Nine Thousand Nine Hundred and Ninety Two Only) as per details given below :

Mohd. Asif

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Indian Institute of Technology, Ropar	1580000	680000	729996	**2989996**
2. Tezpur University	1930000	1280000	1269996	**4479996**
Total (Rs.)	**3510000**	**1960000**	**1999992**	**7469992**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	600000.00			**600000.00**
Manpower	330000.00	330000.00	369996.00	**1029996.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	700000.00	700000.00	700000.00	**2100000.00**
Overhead	200000.00	150000.00	100000.00	**450000.00**
Total (Rs.)	**1930000.00**	**1280000.00**	**1269996.00**	**4479996.00**
2. Indian Institute of Technology, Ropar				
Equipment	1000000.00			**1000000.00**
Manpower	330000.00	330000.00	369996.00	**1029996.00**
Overhead	20000.00	10000.00	20000.00	**50000.00**
Consumables	200000.00	300000.00	300000.00	**800000.00**
Contingency	10000.00	20000.00	20000.00	**50000.00**
Travel	20000.00	20000.00	20000.00	**60000.00**
Total (Rs.)	**1580000.00**	**680000.00**	**729996.00**	**2989996.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

Mold. Ashe

3. Head of Account:

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The **Non-Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-In-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to gulde NER scientists in design and conduct of experiments.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

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No. BT/HRD/35/01/01/2018
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th Floors
CGO Complex, Lodi Road,
New Delhi – 110 003

Dated: 29 06 2018

ORDER

Sanction of the President of India is hereby accorded under Rule 18 of the delegation of Financial Powers Rules, 1978, for the implementation of the project titled **"Development of functionalized nanoparticles-based novel diagnoistic kit for the detection of species-specific snake envenomation"** by Prof. Ashis Kumar Mukherjee, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur- 784028, Assam, at a total cost of Rs 27 00 lakhs (Rupees Twenty seven lakhs only) for his Tata Innovation Fellowship programme on the terms and conditions detailed here under:-

2.0 The Project

2.1 Project Title: **"Development of functionalized nanoparticles-based novel diagnoistic kit for the detection of species-specific snake envenomation"**

2.2 Name of the Awardee: Prof. Ashis Kumar Mukherjee,
Department of Molecular Biology and Biotechnology
Tezpur University,
Tezpur- 784028, Assam

2.3 **Project Objectives:**

1. Designing of epitope-string peptide immunogens against major and unique toxins of "Big Four" snake venoms (*Naja naja, Bungurus cerelus, Daboia russelii, Echis carinatus*) from India and eastern India monocled cobra (*N.kaouthia*) venom.
2. Characterization of efficiency and specificity for detection of a particular snake venom by antibodies produced against peptide immunogens of species-specific unique major toxins of snake venoms.
3. Preparation and characterizatoin of conjugates of antibodies with fluorescence nanoparticles.
4. Development of analytical rapid flow immunoassay systems for toxin/species-specific venom detection in biological fluids.

2.4 Time Schedule

The duration of the fellowship is 3 years w.e.f. 1st April, 2018.

Accepted

Alam
6/7/18

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Fellowship Amount

S.N.	Head	1st Yr.	2nd Yr.	3rd Yr.	Total
				(Rs. in Lakhs)	
1	Fellowship @ Rs 25,000/- per month.	3.00	3.00	3.00	9.00
2	Contingency @ Rs 6.00 lakhs per year.	6.00	6.00	6.00	18.00
	Total	**9.00**	**9.00**	**9.00**	**27.00**

The contingency grant may be utilized for the purchase of consumables, equipment, international and domestic travel, engaging manpower and other contingent expenditure to be incurred in connection with the implementation of the project.

Budget Head

The expenditure involved is debitable to:

Demand No. 85 : Department of Biotechnology
3425 : Other Scientific Research 2018-19
3425.60 : Others (Sub Major Head)
3425.60.200 : Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29 : Biotechnology Research and Development
3425.60.200.29.17 : Assistance for Research and Development
3425.60.200.29.17.31 : Grants in Aid General

As per Rule 236(1) of GFR 2017, Audit of accounts- The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department whenever the Institution or Organisation is called upon to do so

The Institute/Agency will keep the whole of the grant in a Bank Account earning interest and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further instalment of the grant and or at the time of Final Settlement of Accounts

The other terms and conditions of this sanction are attached at Annexure-I.

This issues under the powers delegated to this Department and with the concurrence of vide their **SAN No. 102/IFD/SAN/886/2018-19** dated **29.06.2018.**

Accepted

(Dr. A. K. Rawat)
Director

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To

The Pay & Accounts Officer.
Department of Biotechnology.
New Delhi - 110003

Copy forwarded for information/ necessary action to:

1. The Principal Director of Audit (Scientific Departments), AGCR Building, IP Estate, New Delhi – 110 002.
2. Cash Section, DBT (2 copies).
3. IFD, DBT.
4. Prof. Ashis Kumar Mukherjee, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur- 784028, Assam.
5. The Registrar, Tezpur University, Tezpur– 784028, Assam.
6. Sanction Folder.
7. Project Registry, BTIC.

(Dr. A. K. Rawat)
Director

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Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Dated: 19-6-2018

To,
Dr. Tarun Kumar Sharma
DBT-IYBA Fellow,
Translational Health Science and Technology Institute (THSTI),
Faridabad -121001
Email: tarun@thsti.res.in

Copy to:
Dr. Robin Doley
Associate Professor, Tejpur University,
Tezpur -784028, Assam
Email: doleyr@gmail.com

Ref: PACE Project Title "*Aptamer based rapid test to differentiate venomous snake bites from non-venomous and dry snake bites*"

Dear Dr. Sharma,

With reference to your above, mentioned PACE proposal, we are pleased to inform that your proposal has been approved by BIRAC at a total cost of **Rs. 48.65** Lakhs (Rupees Forty-Eight Lakhs and Sixty-Five Thousands only). The contribution of BIRAC is **Rs. 36.40 Lakhs** (Rupees Thirty-Six Lakhs and Forty Thousands only) as Grant-in-aid to the **Translational Health Science and Technology Institute (THSTI), Faridabad.** The contribution of BIRAC is **Rs. 12.25 Lakhs** (Rupees Twelve Lakhs and Twenty-Five Thousands only) as Grant-in-aid to the **Tezpur University, Tezpur** for **18 Months** as per the terms of the Grant in Aid Letter Agreement (GLA) enclosed.

If you are in acceptance with the terms of funding support as mentioned in the GLA, the following documents should be executed within a time period of ***TWO WEEKS*** from the date of issue of this communication

- Grant-in-aid Letter Agreement (GLA) including all the Schedules: All pages to be clearly initialled by the Fund Recipients.
- Letter of Authorization from the institutes in the prescribed format of BIRAC
- Bank Details of Fund recipients

The Grant-in-Aid Letter agreement has been executed by BIRAC and kindly take a colour printout of this GLA and the schedules (as many copies as the Parties- BIRAC, institute) and execute the same from your end, and then the collaborator.

The first instalment of fund release will be made only after completion of all these formalities and upon submission of above mentioned documents as per norms.

For Biotechnology Industry Research Assistance Council

Biotechnology Industry Research Assistance Council
New Delhi

Dr. Sanjay Saxena
(GM & Head - Investment)

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Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref. No.: BT/AIR0340/PACE-13/17

Dated: 12th July, 2018

RELEASE ORDER

Subject: Release from BIRAC under ACADEMIC INNOVATION RESEARCH (AIR) under Promoting Academic Research Conversion to Enterprise (PACE) for the project entitled "Aptamer based rapid test to differentiate venomous snake bites from non-venomous and dry snake bites"

In continuation of BIRAC's **Grant-In-Aid Letter Agreement (GLA)** Ref. No. **BT/AIR0340/PACE-13/17** of even no. dated **19th June, 2018**, the approval of the competent authority is hereby accorded to release an amount of **Rs. 3.675 Lakhs (Rupees three lakhs sixty seven thousand five hundred only)** as Grants-in aid to **Tezpur University, Tezpur, Assam**; the Academic Partner, being the **first instalment** for implementation of the project entitled **"Aptamer based rapid test to differentiate venomous snake bites from non-venomous and dry snake bites"** with **Dr. Robin Doley, Associate Professor, Tezpur University, Tezpur -784028, Assam**, the Project Investigator from the Academia.

2. The State Bank of India is being separately instructed to disburse the amount of **Rs. 3.675 Lakhs (Rupees three lakhs sixty seven thousand five hundred only)** in the bank account of **Tezpur University, Tezpur, Assam**; as per the bank details of the recipient given below:

Name of the Bank	State Bank of India
Branch Address	Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam - 784001
Account Number	**30448821505**
Account Holder's Name	TEZPUR UNIVERSITY R&D
IFSC Code	SBIN0000195
MICR code	784002002
PAN	AAAJT2654F
SWIFT Code	SBININBB159

3. The other terms and conditions governing this financial release will remain the same as mentioned in the GLA dated **19th June, 2018.**

1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi - 110003, India
Phone: +91-11-24389600 Fax: +91-11-24389611 Website: www.birac.nic.in E-mail: birac.dbt@nic.in
CIN No. : U73100DL2012NPL233152

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4. The Expenditure is debitable to CRS scheme under BIRAC Head of Accounts B.04 for the financial year **2018-19.**

5. This issues with the concurrence of BIRAC Finance Division (BFD) and approval of the Competent Authority vide BFD No. RO/B:CH/005/2018-19 dated 19/11/2018

6. The Release order has been noted at Serial No. **16** in the Grants Register.

Dr. Sanjay Saxena
Head Investment, BIRAC

To,

Dr. Tarun Kumar Sharma, DBT-IYBA Fellow, Translational Health Science and Technology Institute (THSTI), Faridabad -121001
Email: tarun@thsti.res.in

Dr. Robin Doley, Associate Professor, Tezpur University, Tezpur -784028, Assam
Email: doleyr@gmail.com

Copy to,

1. **BIRAC Finance folder.**
2. **Sh. Nand Kishore,** Senior Finance Officer, **Biotechnology Industry Research Assistance** Council, New Delhi. E-mail: nkishore.birac@nic.in
3. **Sanction Folder**

Dr. Sanjay Saxena
Head Investment, BIRAC

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No. BT/PR25173/NER/95/1055/2017

MED/2017/83

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 20/07/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Design and Synthesis of Hybrid Molecules for Multi-Drug-Resistant Tuberculosis**" for a period of 3 Year 0 Month at a total cost of Rs. **5079996** (Rupees Fifty Lakhs Seventy Nine Thousand Nine Hundred and Ninety Six Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Design and Synthesis of Hybrid Molecules for Multi-Drug-Resistant Tuberculosis"**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Sajal Kumar Das
Assistant Professor
Chemical Sciences
Tezpur University
Dept. of Chemical Sciences, Tezpur University, Tezpur, Assam, 784028

Principal Investigators:

Dr. Sajal Kumar Das
Assistant Professor
Chemical Sciences
Tezpur University
Dept. of Chemical Sciences, Tezpur University, Tezpur,Assam, 784028

Dr. Arunava Dasgupta
Senior Scientist
Microbiology
Central Drug Research Institute
Division of Microbiology
CSIR-Central Drug Research Institute
Sector 10, Jankipuram extension,
Sitapur Road, Lucknow-226031, UP,
Lucknow,Uttar Pradesh, 226031

Mohd. Ali

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CO-PI:

Dr. **Sidharth Chopra**
Senior Scientist
Microbiology
Central Drug Research Institute
Division of Microbiology
CSIR-Central Drug Research Institute
Sector 10, Jankipuram extension,
Sitapur Road, Lucknow-226031, UP., Lucknow -
226031, Uttar Pradesh

2.3 Objectives:

Overall Objectives:

1. With a view to discover multi- and extensively-drug-resistant anti-TB drug leads, the overall objective of this project is to synthesize several series of compounds following molecular hybridization approach which will be executed by combining the structures of preclinical anti-TB drug candidates SQ109, BM212, and NITD-304 . In-vitro evaluations, hit identifications and assessment of structure activity relationships (SAR), lead optimization through synthesis of refined molecules and biological screenings are other objectives of this proposal.

Institute wise Objectives:

Central Drug Research Institute

1. To perform in vitro, ex vivo and in vivo screening of the synthesized compounds against drug-susceptible as well as drug-resistant Mtb isolates that includes activity utilizing conventional and specific media conditions.
2. To assess the cytotoxicity of the hits against Vero cells (those hits which possess MIC <1 mg/L and Selectivity index of >10, will be tested in the Intracellular killing of Mtb within macrophage/macrophage cell lines).
3. Assessment of the hits for static or cidality (those hits which have MIC <1 mg/L, Selectivity index of >10 and cidal will be assessed in in vivo mouse models of TB infection).

Tezpur University

1. To design and synthesize hybrids of SQ109 and BM212 as effective chemotherapeutic agent for the treatment of TB and MDR-TB.
2. To design and synthesize hybrids of SQ109 and NITD-304 as effective chemotherapeutic agent for the treatment of TB and MDR-TB.
3. To design and synthesize hybrids of NITD-304 and BM212 as effective chemotherapeutic agent for the treatment of TB and MDR-TB.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **5079996/-**(Rupees Fifty Lakhs Seventy Nine Thousand Nine Hundred and Ninety Six Only) as per details given below :

Mold. Ad

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Central Drug Research Institute	650000	650000	650000	**1950000**
2. Tezpur University	1230000	930000	969996	**3129996**
Total (Rs.)	**1880000**	**1580000**	**1619996**	**5079996**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	300000.00			**300000.00**
Manpower	330000.00	330000.00	369996.00	**1029996.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	400000.00	400000.00	400000.00	**1200000.00**
Overhead	100000.00	100000.00	100000.00	**300000.00**
Total (Rs.)	**1230000.00**	**930000.00**	**969996.00**	**3129996.00**
2. Central Drug Research Institute				
Consumables	500000.00	500000.00	500000.00	**1500000.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**650000.00**	**650000.00**	**650000.00**	**1950000.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Mohd. Ad

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Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

Mohd. Ad

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4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non Judicial stamp paper Rs. 100/- in the enclosed format and the second release/instalment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory for 1st release. A format of the MoA is enclosed in Annexure-IV

4.3The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5.No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6.The Director, Central Drug Research Institute, Lucknow, Uttar Pradesh and The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7.PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8.As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9.If the Research Project involves biological resource, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10.This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.**102/IFD/SAN/1064/2018-2019** dated **July, 11 2018.**

11.This sanction order has been noted at serial no. 118 - 119 in the Register of Grants.

Mohd. Aslam

(Dr. Mohd Aslam)
Adviser/Scientist 'G'

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To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr Sajal Kumar Das(Project Co-ordinator), Departmentt. of Chemical Sciences
Tezpur University
P.O.- Napaam, Tezpur
Dist-Sonitpur,
Assam-7
3 The Director, Central Drug Research Institute, , Lucknow - 226001, Uttar Pradesh
4 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
5 Dr. Arunava Dasgupta, Senior Scientist, Microbiology, Central Drug Research Institute,
Division of Microbiology
CSIR-Central Drug Research Institute
Sector 10, Jankipuram extension,
Sitapur Road, Lucknow-226031, UP, Lucknow - 226031, Uttar Pradesh
6 Dr. Sajal Kumar Das, Assistant Professor, Chemical Sciences, Tezpur University, Dept. of Chemical Sciences, Tezpur University, Tezpur - 784028, Assam
7 Dr. Sidharth Chopra, Senior Scientist, Microbiology, Central Drug Research Institute,
Division of Microbiology
CSIR-Central Drug Research Institute
Sector 10, Jankipuram extension,
Sitapur Road, Lucknow-226031, UP., Lucknow - 226031, Uttar Pradesh
8 Cash Section, DBT (2 copies).
9 Sanction Folder.
10 File Copy

Mohd. Aslam
(Dr. Mohd Aslam)
Adviser/Scientist 'G'

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Annexure -I

Details of the Equipment sanctioned for the implemention of the project titled "**Design and Synthesis of Hybrid Molecules for Multi-Drug-Resistant Tuberculosis**":

Tezpur University

SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Rotary Evaporator with vacuum pump, chiller and related accessories	1	300000.00
		Total	**300000.00**

(Dr. Mohd Aslam)
Adviser/Scientist 'G'

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13-136

No. BT/PR24757/NER/95/843/2017 Appl. No.: Agri/2017/29

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated 26/07/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the Implementation of the project entitled: **"Integrative systems biology approach to identify the molecular response signatures in Rice during concurrent biotic (Rhizoctonia solani) and abiotic (heat) stresses"** for a period of 3 Year 0 Month at a total cost of Rs. **8296988** (Rupees Eighty Two Lakhs Ninety Six Thousand Nine Hundred and Eighty Eight Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Integrative systems biology approach to identify the molecular response signatures in Rice during concurrent biotic (Rhizoctonia solani) and abiotic (heat) stresses"**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Pankaj Barah
Assistant Professor & DBT-Ramalingaswamy Fellow
Dept. of Molecular Biology and Biotechnology, Tezpur Central University
Napaam, Tezpur, Assam, 784028

Principal Investigators:

Dr. Pankaj Barah
Assistant Professor & DBT-
Ramalingaswamy Fellow
Dept. of Molecular Biology and
Biotechnology, Tezpur Central
University
Napaam, Tezpur,Assam, 784028

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Prof. P B Kirti
Professor
Department of Plant Sciences
University of Hyderabad
Gachi Bowli, Hyderabad, Andhra
Pradesh, 500046

CO-PI:

Prof. Suvendra Kumar Ray
Professor
Department of Molecular Biology and
Biotechnology
Tezpur University
Tezpur - 784 028
Assam, India, Tezpur - 784028, Assam

Prof. Padmaja Gudipalli
Professor
Department of Plant Sciences, School of Life
Sciences, University of Hyderabad, Central
University P.O., Prof. C. R. Rao Road,
Gachibowli, Telangana, Hyderabad - 500046,
Telangana

2.3 Objectives:

Overall Objectives:

1. Integrative systems biology approach to identify the molecular stress response signatures, stress regulatory networks and signaling crosstalk events in Rice, during concurrent exposure to combination of temperature and pathogen stress.
2. To use activation tagged rice population for screening novel tagged mutants which are resistance against R. solani pathogen.

Institute wise Objectives:

Tezpur University

1. Transcriptomics analysis of the single and concurrent exposure of heat and pathogen (R. solani) stresses on the widely cultivated rice varieties in India, BPT-5204.
2. To develop a public knowledgebase, and a modular cum scalable meta-analysis workbench for studying the combined stress responses patterns in rice.
3. To develop a mechanistic understanding of temperature modulated pathogenic behavior of R. solani on rice plant through integration of heterogeneous omics data.

University of Hyderabad

1. Growing the plants and conducting stress experiments.
2. Proteomic and metabolomics analysis

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Tezpur University	1930000	930000	769996	3629996
2. University of Hyderabad	890000	890000	886992	2666992
Total (Rs.)	4820000	1820000	1656988	8296988

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	3000000.00			3000000.00
Manpower	330000.00	330000.00	369996.00	1029996.00
Contingency	50000.00	50000.00	50000.00	150000.00
Travel	50000.00	50000.00	50000.00	150000.00
Consumables	400000.00	400000.00	200000.00	1000000.00
Overhead	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	3930000.00	930000.00	769996.00	5629996.00
2. University of Hyderabad				
Manpower	390000.00	390000.00	436992.00	1216992.00
Overhead	50000.00	50000.00	50000.00	150000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Travel	50000.00	50000.00	50000.00	150000.00
Consumables	350000.00	350000.00	300000.00	1000000.00
Total (Rs.)	890000.00	890000.00	886992.00	2666992.00

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

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emand No. 85	Department of Biotechnology
425	Other Scientific Research 2018-2019
425.60	Others (Sub Major Head)
425.60.200	Assistance to other Scientific Bodies (Minor Head)
425.60.200.29	Biotechnology Research and Development
425.60.200.29.17	Assistance for Research and Development
425.60.200.29.17.35	Grants for creation of capital assets

Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-In-Aid General

rms & Conditions:

ditional Terms and Conditions specific for Twinning R and D program for NER:

Both NER and Rest of India RoI Institutions scientists should work together for the objectives ated in the sanction of the project and any deviation from this would attract closure of the project any point of time.

In the project review meetings, both the PIs from NER and RoI Institutions should participate d make presentation.

The outcomes of the project such as research papers, patents, copy rights etc. should be made intly.

The NER Scientists are to be trained at the collaborating institute appropriately to empower the ER Scientists.

The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be ained at least once in the collaborating national institute.

The collaborating institute scientist should visit NER institutions more frequently to guide NER cientists in design and conduct of experiments.

he other terms and conditions governing this sanction are attached at Annexure- III.

Vandali Bayan

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NATIONAL AGRICULTURAL SCIENCE FUND
(Indian Council of Agricultural Research)
Room No. 707, KAB -I, Pusa, New Delhi – 110012

F. No. NASF/AE-7010/2018-19/229

Dated: 27.07.2018

To,

The Vice Chancellor,
Tezpur University, Napam-784028, Assam

Subject: Sanction letter for the Research project entitled, "**Electric Field Based Novel Technologies for Pilot Scale Processing of Juice and Pulp from Potential Fruits of NE Region**" under the National Agricultural Science Fund (NASF)

Sir,

The Empowered Committee (EC) of the NASF, considered the proposal on "**Electric Field Based Novel Technologies for Pilot Scale Processing of Juice and Pulp from Potential Fruits of NE Region**" in its thirty third meeting held on 6th June, 2018 and approved the proposal for implementation under the NASF. The total cost of this project is **₹ 168.84450** Lakh (Rupees one crore sixty eight lakh eighty four thousand four hundred and fifty only) for a period of three years (August 2018 to July 2021). The financial sanction of the competent authority for the project is now being accorded for the period from 1st August 2018 to 31st March 2020. The sanction for the period from 1st April 2020 till the end of the project i.e. 31st July 2021 will be conveyed later. **The release of fund will be through PFMS/FMS-MIS and the funded centre need to comply accordingly.**

1. **Name of the Lead Centre and address**
   Department of Food Engineering & Technology, Tezpur University, Napam-784028, Assam

2. **Name & Designation of the Principal Investigator**
   Dr. Brijesh Srivastava, Associate Professor and Head, Department of Food Engineering & Technology Tezpur University, Napam-784028, Assam

3. **Names of Cooperating Centre and addresses**
   i. Agricultural and Food Engineering Department, IIT, Kharagpur- 721302, West Bengal
   ii. ICAR Research Complex for N.E.H Region, Umiam-793103, Meghalaya

4. **Name & Designation of the Cooperating Centre Principal Investigators**
   i. Dr. Prem Prakash Srivastav, Associate Professor, Agricultural and Food Engineering Department, Indian Institute of Technology, Kharagpur, West Bengal
   ii. Dr. S. Ruth Assumi, Scientist, Division of Horticulture, ICAR Research Complex for N.E.H Region, Umiam-793103, Meghalaya

The details of the project are given in the project document in **Annexure I**. The head-wise and year-wise budget (both consolidated and for each partner) are given in the **Annexures II to VII**

The Sanction will be subject to the following conditions:

1. The Principal Investigator (PI) and the Lead Centre will have the overall responsibility of carrying out the work shown in the project as given in **Annexure I**. Each Cooperating Centre Principal Investigator (CCPI) and the Cooperating Centre will have the responsibility for work assigned to the Centre under the project by the competent authority of NASF and the centre will fully cooperate with the Lead Centre and the NASF authorities.

2. All the Centres and the scientists will follow the rules and regulations of the ICAR set for the operation of the projects sanctioned under NASF.

3. Financial and Procurement

i. Funds will be released by the Secretariat of the NASF directly to the institutions of the PI (Lead Centre) and to the institutions of the CCPIs (Cooperating Centre).

ii. The Lead Centre and each of the Cooperating Centre will submit to the ADG (NASF) head-wise Utilization Certificate (UC) in the prescribed format duly verified by the concerned Finance Officer(s) twice every financial year: the first will be the UC for the immediate preceding financial year ending 31st March and will be submitted by the 15th of April and the second a six-monthly UC for the period from 1st April to 30th September of the year by the 15th of October. Each Cooperating Centre will submit a copy each of the aforesaid UCs to the PI.

iii. For facilitating smooth and speedy implementation of the activities envisaged under the sanctioned project, the PI and the CCPI from each Cooperating Centre will exercise powers for executing the project to the extent of sanctioned funds of his/her respective component of the project as given in **Annexure VIII**.

iv. The Heads of the Lead Centre and the Cooperating Centre(s) will ensure that the project runs in an efficient manner, provide laboratory space, salary, logistic facilities and services required for the same and monitor its progress on a regular basis.

v. **The expenditure will be made only on the approved items.** The amount sanctioned under each head/subhead is the maximum budgetary limit for that item but the actual expenditure will not exceed the amount actually released by the ADG under the head for the period concerned. In case of public organizations the expenditure under any head shall be made by the Lead or Cooperating centre in accordance with their own institutional prescribed rules/ norms. However, in cases of conducting workshops, meetings, and cost of Advisory Committee meetings norms and rules enclosed as **Annexure IX** should be followed. **Any re-appropriation from one head to another is not permissible.** All institutions including those belonging to the ICAR will maintain a separate ledger for the project. In case of private and non-governmental organizations the expenditure will be made in accordance with ICAR/NASF rules. In case any guidance is required in this matter, the Lead or Co-operating centre should take the guidance of the Finance and Accounts Officer of the nearest ICAR institutes with information to the ADG, NASF.

vi. There will be **no revalidation of unspent funds released for recurring expenditure** from one financial year to the next financial year. For funds released for non-recurring expenditure such revalidation will be allowed in exceptional cases. Funds revalidated once will not be revalidated for the second time.

vii. Accrual accounting system has to be followed for the funds of the project without any exception. The reporting of annual accounts will also be in accordance with the accrual accounting system.

viii. At the end of each financial year, a Utilization Certificate will be submitted by the designated Finance Officer/F&AO/Comptroller of the Lead and each Cooperating Centre by 15th April indicating the head wise expenditure incurred in the previous year and resultant unspent balances/savings. Only on the receipt of UC, any funds will be released for the next financial year after adjusting for the savings from the previous financial year. Each of the Lead and the Cooperating Centre will submit an Audited Utilization Certificate (AUC) for the previous financial year by the 30th September of each year in the prescribed proformas. The Central Government/State Government Institutes will get the certificate from the CAG/State AG. The Universities (General and Agricultural) and the non-ICAR institutes will have the option to get the certificate from their statutory auditors or from a Chartered Accountant empanelled by ICAR (Please see the website http://www.icar.org.in/nasf/index.html for the list of empaneled chartered accountants and their remunerations). The private and NGO institutions will get the certificate from a Chartered Account empanelled as given in the above website. The cost of hiring the Chartered Accountants will be met out of the institutional charges. In case it is not sufficient operational cost budget may be used with the permission of ADG, NASF.

ix. Only after the receipt of the AUC and the half yearly UC any funds for the second half of a financial year will be released.

x. The salaries of the RAs and SRFs will be according to ICAR norms prevalent during the period of appointment (copy of the current norms in vogue is enclosed as **Annexure X**). Adequate transparent and competitive procedure should be adopted for the selection of the contractual staff.

xi. The ICAR will have no liability, whatsoever, for the SRFs and RAs or any other staff employed under the Project on contractual basis during and after expiry of the project term.

xii. Institutional charges will be available to the Institution concerned for meeting expenditure on overheads, institutional services, monitoring, reporting, and audit which are required by the Lead or Cooperating Centres to support the project. Expenditure under this item should be properly accounted for.

xiii. Funds for every year will be released after the submission of UC and on the basis of demands for funds, scientific/technical reports, submission of data and recommendations of the PI and the ADG regarding the satisfactory achievement of research targets set for the period. The UC should be submitted head wise duly verified by competent finance officer of the institution concerned indicating head wise closing/unspent balances.

xiv. Submission of research publication, data management and cost of publication need to be as per ICAR guidelines.

4. **Monitoring:**

(i) This sanction letter, and the research project (as given in **Annexure I**) approved by the EC will be treated as a Work Programme Agreement between the ICAR and the Lead and the Cooperating Centres.

(ii) ADG, NASF will form an Advisory Committee consisting of two external members (one as Chairman and the other as a member) who are very eminent scientists in the field of the project. The ADG or his representative, the Head of the Lead Centre or his nominee, the CCPI(s), Head of Finance and the Head of Administration of the Lead Centre will be the members. The PI of the project will be the Member Secretary. The recommendations of the Advisory Committee may be reviewed by the NASF. The NASF decision will be final on all recommendations suggestions of the Advisory Committee. The Advisory Committees would be constituted by the ADG/Director. ACs may recommend additional fund of ₹ 1.5 lakhs to NASF within the approved budget for consideration during midterm evaluation/monitoring.

ACs will be evaluating, monitoring and review the project once in a year. Besides, it may visit laboratory/field/sites in consultation with NASF office.

Chairman(s) of ACs may participate during the annual review meetings of the projects, based on requirements.

The names of the External Members of the Advisory Committee and the powers delegated to the Committee are given in **Annexure XI**.

As the Member Secretary, the PI will conduct one meeting of the Advisory Committee in one year to formulate the plan of work, review and monitor, the progress of work and, suggestions for the improvement in the project.

(iii) The PI will submit to the ADG an Annual Report for the previous year (ending 31st March) by 15 April of every year in a prescribed Proforma(s).

(iv) The PI and the CCPIs may be called to present their progress before the EC or in a Workshop organized by the NASF whenever required.

(v) A final report of the project will be submitted to the ADG within 30 days of the closure of the project with all technical and financial details. This deadline will be strictly followed.

(vi) The ADG or his representative will visit the project institutions as and when required.

5. Intellectual Property Rights:

(i) The rights on any intellectual property shall be vested in the ICAR, who shall be the absolute and full owner.

(ii) The sharing of income from Intellectual Property Rights (IPR) from the project would be in accordance with the proportion/percentage given below:

(a) Share of ICAR: 60%
(b) Share of Project Participating Institutions: 40%. Out of this 40%, the share of major/inventing partner(s) will be 50% and the rest 50% shall be shared equally among other partner(s) if any.

(iii) The intellectual properties may be licensed against a fee (premium) which may be in a lump sum or with royalty for a fixed/defined period of time.

(iv) The intellectual properties to be licensed on exclusive basis or non-exclusive basis will be decided by the ICAR depending upon the welfare/gains considerations or public consideration or public welfare embedded in the intellectual properties.

(v) Whereas a minimum price for the intellectual properties is to be evaluated, it may not be rigidly adhered to; and the offers made by different parties shall be given due consideration in consultation with the Empowered Committee on the basis of recommendations of ICAR. The spirit behind this should be to commercialize the intellectual properties in the best interest of the investment.

(vi) If one or more of the partners (i.e., the Lead or Cooperating Centre) of the Project is (are) interested to commercialize the intellectual properties, it may be given preference over other parties at mutually agreed terms and conditions between the interested partner and the ICAR.

(vii) The ICAR will hold the right to use the intellectual property for non-commercial purposes in public interest.

(viii) The services of the inventor(s) rendered subsequent to the transfer of intellectual property may entail earning of charges/fees etc., distribution of which will be as per the clause stated in para 4(ii) above.

(ix) It will not be incumbent upon the ICAR to protect every Intellectual Property (IP) generated from the Project. On refusal by the ICAR to own the IP, the inventor(s) shall be free to protect it at their own cost provided ICAR has no objection to it in public interest.

6. The PI and the CCPI will not be removed/ transferred from the project without the prior consent of the Empowered Committee of the NASF.

7 The decision of the Empowered Committee of the NASF will be final in all matters of the project.

Receipt of this letter may please be acknowledged. The PI is requested to make copies of the sanction letter along with all the Annexures and distribute the same to the CCPI(s) and the heads of the Lead and Cooperating Centres.

Yours faithfully,

27.7.18

(P.K. Agrawal)
ADG (NASF)

Copy for information and necessary action to:

(i) PI/CCPIs of the project.
(ii) Heads of Cooperating Centres
(iii) F&AO, NASF Secretariat
(iv) Office copy

Gist of the project proposal approved

Title of the project: Improving the usability of buffalo spermatozoa by sperm surface remodelling and immune acceptance in female reproductive tract

Objectives and activity of the project:

Objective 1: To develop a pilot scale set-up of Ohmic heating system for aseptic processing of fruit juice and pulp.

Activity

- Study the changes takes place in physico-chemical and rheological properties and microbial and enzyme inactivation and self-life vis-a-vis to different packaging material
- Development and Performance evaluation of OH assisted pilot scale technology for aseptic processing of fruit juice and pulp.
- Standardization of process conditions for selected fruit juice and pulp processing by OH.
- Study on the economic feasibility of the process based on the energy consumption.

Objective 2: To fabricate a laboratory set-up for Cold Plasma assisted processing for fruit juice and pulp.

Activity

- Collection of scientific information on effect of penetration depth, reactive species of cold plasma and flow conditions on inactivation kinetics of microbes and enzymes by cold plasma treatment in food model systems.
- Development of cold plasma assisted lab scale technology based on collected scientific information for processing of fruit juice and pulp and its Performance evaluation.
- Study the different plasma compositions and their effect on model food system in terms of selected microorganism, enzymes and nutritional quality parameters.

Objective 3: To standardize the processing conditions for fruit juice and pulp processing by Atmospheric Cold Plasma (ACP) and its effect on self-life enhancement and nutritional benefits.

Activity

- Procurement and installation of Atmospheric Cold Plasma (ACP) laboratory setup.
- Standardization of the process conditions for selected fruit juice and pulp by ACP treatment based on inactivation kinetics of microbes and enzymes.
- Monitoring of the changes in the physico-chemical and rheological properties after treatment during shelf-life study of treated juice with different packaging materials.

Objective 4: To disseminate the developed technology of fruit juice and pulp processing among prospective entrepreneur of NE region.

Activity

- Identification of prospective entrepreneur through stakeholder analysis.
- Capacity building of prospective entrepreneur through hands on training.
- Demonstration, dissemination, and popularization of developed technologies.
- Linking of prospective entrepreneur to the market.

Give the major expected outputs of the project.

- Facility concerning Ohmic heating-based pilot scale juice processing plant and related
- technologies
- Lab scale cold plasma set-up for the development of fruit juice products
- Published paper – 05-07 Nos
- Doctoral (03) and M. Tech. (03) degrees for the registered students
- Patent application for the developed technologies in India.

(The project proposal approved is available with NASF and the funded centre)

Annexure - II

Year-wise and head-wise breakup in budget

(₹ in lakh)

S.No.	Lead Centre: Tezpur University, Tezpur,Assam	2018-19 (August, 2018 to March, 2019)	2019-20 (April, 2019 to March, 2020)	2020-21 (April, 2020 to March, 2021)	2021-22 (April, 2021 to July, 2021)	Total
I.	**NON RECURRING COST**					
1	**Civil Works**					
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**					
	a. Equipment, Plant & Machinery, Technology to be purchased	74.00000	15.00000	0.00000	0.00000	89.00000
	b. Animals;	0.00000	0.00000	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**74.00000**	**15.00000**	**0.00000**	**0.00000**	**89.00000**
3.	**Capacity Building**					
	a.Attending Workshops/Seminars/ Exposure Visits					
	i. Abroad	0.00000	0.00000	0.00000	0.00000	0.00000
	ii. India	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	b.Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**74.00000**	**15.00000**	**0.00000**	**0.00000**	**89.00000**

II. RECURRENING COSTS						
	1. TA/DA	0.67000	1.00000	1.00000	0.33000	3.00000
	2. Review Workshop/Meetings	1.00000	1.00000	1.00000	0.00000	3.00000
	3. Contractual Staff	4.40000	6.60000	7.12800	2.46400	20.59200
	4. Operational Contingencies					
	i. Laboratory purpose					
	a. Chemicals, glassware, raw material, pots etc.	2.00000	2.00000	2.00000	0.00000	6.00000
	b. Unskilled semi skilled labour	0.17000	0.25000	0.50000	0.08000	1.00000
	c. Outsourcing of lab work	0.00000	0.25000	0.25000	0.00000	0.50000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	e. Computer stationery	0.00000	0.00000	0.00000	0.00000	0.00000
	ii. Field purpose					
	a) Small field equipment (spade, khurpi etc.) pots, seed, etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	b) Semiskilled/unskilled labour	0.00000	0.00000	0.00000	0.00000	0.00000
	c) Feed and Medicine	0.00000	0.00000	0.00000	0.00000	0.00000
	d) Small repairs of farm machinery	0.00000	0.00000	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys, arranging & attending meetings etc.	0.20000	0.20000	0.60000	0.00000	1.00000
	iv. Miscellaneous urgent purchases	0.25000	0.25000	0.25000	0.00000	0.75000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii+iii+iv+v+vi)	**2.62000**	**2.95000**	**3.60000**	**0.08000**	**9.25000**
	Sub-Total (1+2+3+4)	**8.69000**	**11.55000**	**12.72800**	**2.87400**	**35.84200**
	III. Institutional Charges	0.86900	1.15500	1.27280	0.28740	3.58420
	TOTAL COST (I+II+III)	**83.55900**	**27.70500**	**14.00080**	**3.16140**	**128.42620**

S.No.	Cooperating Centre: IIT, Kharagpur	2018-19 (August, 2018 to March, 2019)	2019-20 (April, 2019 to March, 2020)	2020-21 (April, 2020 to March, 2021)	2021-22 (April, 2021 to July, 2021)	Total
I.	**NON RECURRING COST**					
1	**Civil Works**					
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**					
	a. Equipment, Plant & Machinery, Technology to be purchased	20.00000	0.00000	0.00000	0.00000	20.00000
	b. Animals: fish	0.00000	0.00000	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**20.00000**	**0.00000**	**0.00000**	**0.00000**	**20.00000**
3.	**Capacity Building**					
	a. Attending Workshops/Seminars/ Exposure Visits					
	i. Abroad	0.00000	0.00000	0.00000	0.00000	0.00000
	ii. India	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**20.00000**	**0.00000**	**0.00000**	**0.00000**	**20.00000**

II. RECURRENING COSTS					
1. TA/DA	0.33000	0.50000	0.50000	0.17000	1.50000
2. Review Workshop/Meetings	0.00000	0.00000	0.00000	0.00000	0.00000
3. Contractual Staff	2.20000	3.30000	3.56400	1.23200	10.29600
4. Operational Contingencies					
i. Laboratory purpose					
a. Chemicals, glassware, raw material, pots etc.	1.00000	1.00000	1.00000	0.00000	3.00000
b. Unskilled/semi skilled labour	0.00000	0.00000	0.00000	0.00000	0.00000
c. Outsourcing of lab work	0.00000	0.25000	0.25000	0.00000	0.50000
d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000	0.00000	0.00000
e. Computer stationery	0.00000	0.00000	0.00000	0.00000	0.00000
ii. Field purpose					
a. Small field equipment (spade, khurpi etc.) pots, seed, etc.	0.00000	0.00000	0.00000	0.00000	0.00000
b. Semiskilled/unskilled labour	0.00000	0.00000	0.00000	0.00000	0.00000
c. Running cost of farm machinery diesel oil etc.	0.00000	0.00000	0.00000	0.00000	0.00000
d. Small repairs of farm machinery	0.00000	0.00000	0.00000	0.00000	0.00000
iii. Vehicle hiring for surveys, arranging & attending meetings etc.	0.15000	0.15000	0.20000	0.00000	0.50000
iv. Miscellaneous urgent purchases	0.05000	0.10000	0.10000	0.00000	0.25000
v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000	0.00000	0.00000
vi. Phone/ fax cost	0.00000	0.00000	0.00000	0.00000	0.00000
Sub-Total (i+ii+iii+iv+v+vi)	**1.20000**	**1.50000**	**1.55000**	**0.00000**	**4.25000**
Sub-Total (1+2+3+4)	**3.73000**	**5.30000**	**5.61400**	**1.40200**	**16.04600**
III. Institutional Charges	0.18650	0.26500	0.28070	0.07010	0.80230
TOTAL COST (I+II+III)	**23.91650**	**5.56500**	**5.89470**	**1.47210**	**36.84830**

S.No.	Cooperating Centre:2 ICAR-RC-NEH Region Umiam	2018-19 (August, 2018 to March, 2019)	2019-20 (April, 2019 to March, 2020)	2020-21 (April, 2020 to March, 2021)	2021-22 (April, 2021 to July, 2021)	Total
IV.	**NON RECURRING COST**					
1	**Civil Works**					
	c. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000	0.00000	0.00000
	d. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**					
	g. Equipment, Plant & Machinery, Technology to be purchased	0.00000	0.00000	0.00000	0.00000	0.00000
	h. Animals: fish	0.00000	0.00000	0.00000	0.00000	0.00000
	i. Furniture & Fixtures	0.00000	0.00000	0.00000	0.00000	0.00000
	j. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000	0.00000	0.00000
	k. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	l. Miscellaneous	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
3.	**Capacity Building**					
	c. Attending Workshops/Seminars/ Exposure Visits					
	iii. Abroad	0.00000	0.00000	0.00000	0.00000	0.00000
	iv. India	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	d. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	V. RECURRENING COSTS					

	5. TA/DA	0.00000	0.20000	0.20000	0.10000	0.50000
	6. Review Workshop/Meetings	0.00000	0.00000	0.00000	0.00000	0.00000
	7. Contractual Staff	0.00000	0.00000	0.00000	0.00000	0.00000
	8. Operational Contingencies					
	vii. Laboratory purpose					
	f. Chemicals, glassware, raw material, pots etc.	0.25000	0.25000	0.50000	0.00000	1.00000
	g. Unskilled/semi skilled labour	0.00000	0.00000	1.00000	0.20000	1.20000
	h. Outsourcing of lab work	0.00000	0.00000	0.00000	0.00000	0.00000
	i. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	j. Computer stationery	0.00000	0.00000	0.00000	0.00000	0.00000
	viii. Field purpose					
	e. Small field equipment (spade, khurpi etc.) pots, seed, etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	f. Semiskilled/unskilled labour	0.00000	0.00000	0.00000	0.00000	0.00000
	g. Running cost of farm machinery diesel oil etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	h. Small repairs of farm machinery	0.00000	0.00000	0.00000	0.00000	0.00000
	ix. Vehicle hiring for surveys, arranging & attending meetings etc.	0.07000	0.10000	0.50000	0.03000	0.70000
	x. Miscellaneous urgent purchases	0.00000	0.00000	0.00000	0.00000	0.00000
	xi. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	xii. Phone/ fax cost	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii+iii+iv+v+vi)	**0.32000**	**0.35000**	**2.00000**	**0.23000**	**2.90000**
	Sub-Total (1+2+3+4)	**0.32000**	**0.55000**	**2.20000**	**0.33000**	**3.40000**
	VI. Institutional Charges	0.01600	0.02750	0.11000	0.01650	0.17000
	TOTAL COST (I+II+III)	**0.33600**	**0.57750**	**2.31000**	**0.34650**	**3.57000**

Annexure – III
(₹ in lakh)

S.No.	Consolidated Project Budget Year Wise	2018-19 (August, 2018 to March, 2019)	2019-20 (April, 2019 to March, 2020)	2020-21 (April, 2020 to March, 2021)	2021-22 (April, 2021 to July, 2021)	Total
I.	**NON RECURRING COST**					
1	**Civil Works**					
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**					
	a. Equipment, Plant & Machinery, Technology to be purchased	94.00000	15.00000	0.00000	0.00000	109.00000
	b. Animals: Buffalo, horse, goat, sheep etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**94.00000**	**15.00000**	**0.00000**	**0.00000**	**109.00000**
3.	**Capacity Building**					
	a. Attending Workshops/Seminars/ Exposure Visits					
	i. Abroad	0.00000	0.00000	0.00000	0.00000	0.00000
	ii. India	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000	0.00000	0.00000

	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**94.00000**	**15.00000**	**0.00000**	**0.00000**	**109.00000**
II.	**RECURRENING COSTS**					
	1. TA/DA	1.00000	1.70000	1.70000	0.60000	5.00000
	2. Review Workshop/Meetings	1.00000	1.00000	1.00000	0.00000	3.00000
	3. Contractual Staff	6.60000	9.90000	10.69200	3.69600	30.88800
	4. Operational Contingencies					
	i. Laboratory purpose					
	a. Chemicals, glassware, raw material, pots etc.	3.25000	3.25000	3.50000	0.00000	10.00000
	b. Unskilled/semi skilled labour	0.17000	0.25000	1.50000	0.28000	2.20000
	c. Outsourcing of lab work	0.00000	0.50000	0.50000	0.09000	1.00000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000	0.00000	0.00000
	e. Computer stationery	0.00000	0.00000	0.00000	0.00000	0.00000
	ii. Field purpose					
	a. Small field equipment (spade, khurpi etc.) pots, seed, etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	b. Semiskilled/unskilled labour	0.00000	0.00000	0.00000	0.00000	0.00000
	c. Feed and medicine	0.00000	0.00000	0.00000	0.00000	0.00000
	d. Small repairs of farm machinery	0.00000	0.00000	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys, arranging & attending meetings etc.	0.42000	0.45000	1.30000	0.03000	2.20000
	iv. Miscellaneous urgent purchases	0.30000	0.35000	0.35000	0.00000	1.00000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	0.00000	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii+iii+iv+v+vi)	**4.14000**	**4.80000**	**7.15000**	**0.31000**	**16.40000**
	Sub-Total (1+2+3+4)	**12.74000**	**17.40000**	**20.54200**	**4.60600**	**55.28800**
	III. INSTITUTIONAL CHARGES	1.07150	1.44750	1.66350	0.37400	4.55650
	TOTAL COST (I+II+III)	**107.81150**	**33.84750**	**22.20550**	**4.98000**	**168.84450**

Lead/Cooperating Centre wise/head-wise beak-up of the total fund (Recurring and non-recurring heads)

(₹ in lakh)

S.No.	Consolidated Project Budget Centre Wise	Tezpur university, Napam	IIT, Kharagpur	ICAR RC NEH Region, Umium	Total
I.	**NON RECURRING COST**				
1	**Civil Works**				
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**
2.	**Goods & Equipment**				
	a. Equipment, Plant & Machinery, Technology to be purchased	89.00000	20.00000	0.00000	109.00000
	b. Animals: Buffalo, horse, goat, sheep etc.	0.00000	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	**89.00000**	**20.00000**	**0.00000**	**109.00000**
3.	**Capacity Building**				
	a. Attending Workshops/Seminars/ Exposure Visits				
	i. Abroad	0.00000	0.00000	0.00000	0.00000
	ii.India	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	**0.00000**	**0.00000**	**0.00000**	**0.00000**

	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000	0.00000
	Total (a+b)	**0.00000**	**0.00000**	**0.00000**	**0.00000**
	Sub Total (1+2+3)	**89.00000**	**20.00000**	**0.00000**	**109.00000**
II.	**RECURRENING COSTS**				
	1. TA/DA	3.00000	1.50000	0.50000	5.00000
	2. Review Workshop/Meetings	3.00000	0.00000	0.00000	3.00000
	3. Contractual Staff	20.59200	10.29600	0.00000	30.88800
	4. Operational Contingencies				
	i. Laboratory purpose				
	i. Chemicals, glassware, raw material, pots etc.	6.00000	3.00000	1.00000	10.00000
	ii. Unskilled/semi skilled labour	1.00000	0.00000	1.20000	2.20000
	iii. Outsourcing of lab work	0.50000	0.50000	0.00000	1.00000
	iv. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000	0.00000
	v. Computer stationery	0.00000	0.00000	0.00000	0.00000
	ii. Field purpose				
	a. Small field equipment (spade, khurpi etc.) pots, seed, etc.	0.00000	0.00000	0.00000	0.00000
	b. Semiskilled/unskilled labour	0.00000	0.00000	0.00000	0.00000
	c. Running cost of farm machinery diesel oil etc.	0.00000	0.00000	0.00000	0.00000
	d. Small repairs of farm machinery	0.00000	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys, arranging & attending meetings etc.	1.00000	0.50000	0.70000	2.20000
	iv. Miscellaneous urgent purchases	0.75000	0.25000	0.00000	1.00000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	0.00000	0.00000	0.00000	0.00000
	Sub-Total (i+ii+iii+iv+v+vi)	**9.25000**	**4.25000**	**2.90000**	**16.40000**
	Sub-Total (1+2+3+4)	**35.84200**	**16.04600**	**3.40000**	**55.28800**
III.	**INSTITUTIONAL CHARGES**	3.58420	0.80230	0.17000	4.55650
	TOTAL COST (I+II+III)	**128.42620**	**36.84830**	**3.57000**	**168.84450**

Annexure V

Number of RA/SRF required for the lead and each participating institution

Sl No.	Centres	SRFs	Nos.	Budget (₹ in lakhs)
1.	Department of FET. Tezpur university. Napam	SRFs	2	20.59200
2.	IIT. Kharagpur	SRF	1	10.29600
3.	ICAR RC NEH Region. Umiam	Nil	Nil	-
			Total	**30.888**

List of Equipments (both Imported and Indian)

If in the following list any brand name has been it is solely because it was given like that in the project proposal despite the note given in the project proposal proforma for not to give brand names. It will be the responsibility of the PI/CCPI to ensure that it is replaced by the proper generic name. If any procurement is made on the basis of the brand name without going through a due tendering process the expenditure will be considered invalid.

A. Lead Centre : Department of FET, Tezpur University, Napam

Sl. No.	Name of the Equipment	Cost (₹ in lakhs)
1.	Fabrication of ohmic heating pilot scale and other accessories (1)	15.0
2.	Power amplifier with function generator (1)	10.0
3.	HV transformer; control circuit and application cell (1)	20.0
4.	Juice extractor, Filter, & De-aerator (1)	2.0
5.	Aseptic filling console with homogenizer (1)	10.0
6.	Multi-channel data acquisitioning system with transducer, software and accessories (1)	3.0
7.	Thermal conductivity and electrical conductivity measurement system (1)	20.0
8.	UV-Vis Spectrophotometer (1)	5.0
9.	Refrigerated Centrifuge (1)	4.0
	Total	**89.0**

B. Cooperating Centre 1: IIT, Kharagpur

Sl. No.	Name of the Equipment	Cost (₹ in lakhs)
1.	Cold plasma complete setup (1)	20.0
	Total	**20.0**

Annexure - VII

Centre- wise List of Works

S.No.	Centre	Amount (₹ in lakhs)
1.	Department of FET, Tezpur University, Napam	Nil
2.	IIT, Kharagpur	Nil
3.	ICAR RC NEH Region, Umiam	Nil

Delegation of Powers to Principal Investigators (PI) and Cooperating Centre Principal Investigators (CCPI) of the projects operating under the National Agricultural Scientific Fund (NASF)

In this Document wherever "Prescribed Procedure" is written it means, "Subject to the rules and procedures of the institution concerned in case of public institutions if those rules and procedures with respect to the concerned issue are not expressly overridden by NASF directives. For non-public institutions the GOI/ICAR/NASF rules and procedures have to be followed. The non-public organizations may seek the help and advise of the Finance and Procurement officers of the nearest ICAR institute. In the Procurement Committees Constituted for processing goods/services under the NASF project such non-public institutions, the finance officer from the nearest ICAR institute may be kept as a member. If necessary the secretariat of NASF may also provide guidance in this matter.

Sl. No.	Nature of Power	Extent of Power to PIs/ CCPIs	Remarks
1.	Sanctioning tour programme and counter signature of TA bills	Full power including for self. However, the CPIs/CCPIs will submit tour reports to his/ her higher official	With sufficient prior information to the Controlling Officer , submit tour report to his/her higher official
2.	Sanctioning tour advances for self, and other staff	Subject to the rules of the institution concerned in case of public organizations if not over-ridden by NASF directives. For non-public institutions the GOI/ICAR/ NASF rules will be followed	The adjustment of account bills to be submitted within 30 days in each case
3.	Power to restrict the frequency and duration of Journeys (SR 63)	Full powers including for self	-
4.	Sanctioning reimbursement of cancellation charges on unused railway tickets/ air tickets	Full powers for all staff working under him/her excluding self	The cancellation should with information to the controlling officer and should be justified an[illegible] in public interest
5.	Expenditure on holding workshops, meetings/ conferences / deputation on short duration need based trainings in India	Full, subject to provision of fund under the head in the approved/ sanctioned project	Number of participants in the meeting workshops should not exceed 20. The norms for expenditure in workshops/meetings/conferences will be in accordance with the following ICAR norms. Lunch per head: 150 maximum Tea (per session). ₹ 5/- Stationary (per participant) ₹ 40/- POL (per participant) ₹ 40/- Miscellanies Expenditure ₹ 1,500/-
6.	Sanction of registration charges at Symposia/ seminars at national level	Full only if the topic is related to the sanction project and it is organized by a private institution.	

	Recurring contingent charges for management and operating laboratories and farms including purchase of working stores, chemicals, glasswares, tools, plants and equipment, insecticides, including consumables for research work	₹ 1 lakh in each case subject to provision of fund under the head in the sanctioned project	According to prescribed procedure.
8.	Capital expenditure on equipments and works	Full to the limit of sanctioned quantity/ budget for each approved item	According to prescribed procedure.
9.	Conveyance hire	Full powers	According to prescribed procedure.
10.	Purchase of annuals publications and reprints of scientific papers	Upto ₹ 10,000 per annum	Subject to sanctioned budget provision for the purpose and availability of funds and adherence to prescribed procedure
11.	Printing and binding	Upto ₹ 20,000 per annum	-do-
12.	a) Local purchase of stationary stores b) Local purchase of rubber stamps and office seals	Up to₹ 25,000 per annum subject to observance to prescribed procedures Full	-do- -do-
13.	To incur recurring expenditure on maintenance and repair of scientific instruments, laboratory equipments, agricultural implements and machinery being used for the project	Upto ₹ 1 lakh per annum	Subject to sanctioned budget provision for the purpose and availability of funds and adherence to prescribed procedure. Beyond Rs.1 lakh, Advisory Committee can approve upto ₹ 1.5 lakh.
14.	Repair of office machines	Full	-do-
15.	Maintenance of computer and peripherals	Up to ₹ 25,000 per annum including cost of stores, and other materials required for maintenance	-do-
16.	Payment of charges on postage (excluding private courier), telegrams, telex, fax, telephone bills internet use, cell phone etc.	The reimbursement of calls to PIs/C CPIs will be made as per rules	Subject to the availability of funds and the adherence to rules and procedures
17.	Freight Charges	Full power subject to this being part of the supply order relating to project work	Subject to sanctioned budget provision for the purpose and availability of funds and adherence to prescribed procedure
18.	Sanctioning casual leave	Full, excluding for himself/ her self	-
19.	Contractual staff & help (casual labour/ data collectors etc.) approved in the project.	Job should be out sourced through job contractors	Subject to sanctioned budget provision for the purpose and availability of funds and adherence to prescribed procedure
20.	Engagement of RA/ SRF on Contract Basis, approved in the project	Full	Subject to provision of the position in the approved project and availability of funds and following a transparent competitive process. The cost of advertisement should be minimal and effective use of institution should be made for this purpose

For sanctioning leave other than casual leave, the PI/CPI can recommend only in respect of supporting personnel (non-gazetted) working under his/ her administrative control. However, sanction of leave will be made by the Head of Division Department to whom powers of sanction are vested. The leave for scientific staff will be granted as per the institutional norms.

These powers will apply to PIs and CPIs of Projects under NASF. The powers will be exercised subject to remarks given against each item and also subject to fulfillment of the following requirements.

(i) Expenditure is incurred only for bonafide NASF purpose as per the approved project
(ii) The necessary funds sanctioned to meet the expenditure for a particular item is available in the sanction project budget
(iii) No additional manpower will be provided to project implementing centres for running project.
(iv) Expenditure proposals involving amounts in excess of the powers of the PI/CCPI etc. may be submitted to the competent authority concerned for sanction in the respective institutions.
(v) All contractual staff are co-terminus with the project or as per the terms and conditions of the job contract and there is absolutely no liability to ICAR or hiring institution whatsoever.

The above delegation of powers is subject to the condition that the exercise of powers will not contradict any GOI/ICAR/NASF norms & rules

Norms of Expenditure for Conducting Workshops, meetings and Advisory Committee Meetings

Honorarium

1. Chairman Advisory Committee	:	₹ 1,500/-
2. External member Advisory Committee	:	₹ 1,500/-

Expenditure for Workshops/Meetings

1. Working Lunch	:	Maximum ₹ 150/- per head including refreshment
2. Tea (per session)	:	₹ 5/- restricted to 20 persons
3. Stationary	:	₹ 40/- per head
4. POL Charges	:	₹ 40/- per head
5. Miscellaneous Charges	:	₹ 1,500/-

RA/SRF Emoluments & Rules

Indian Council of Agricultural Research
(कृषि शिक्षा प्रभाग)
(Agril. Education Division)
कृषि अनुसंधान भवन II, Pusa, New Delhi-110012
Krishi Anusandhan Bhawan II, Pusa, New Delhi-110012
Telefax: (o) 25848033, Email: kaushaliya.kar@nic.in
Website: www.icar.org.in

F. No. Edn./6/27-2014/HRD

Dated: [illegible]

OFFICE MEMORANDUM

Sub.: Revised rates of emoluments for Senior Research Fellow (SRF) and Research Associates (RA) working in the ICAR funded schemes-reg.

Reference is invited to ICAR Office Memorandum No. 15(1)/2010-A&P (Edn.) dated 26th October, 2010 vide which emoluments payable to SRF and RA working in the ICAR funded schemes under operation in various host institutions were notified. The matter has been further considered by the Council and it has been decided to revise these emoluments as under:

Sl. No.	Category	Existing Rates	Revised rates
A. Senior Research Fellows working in Research Schemes funded by ICAR			
1.	Post Graduate in subjects other than Veterinary Science	Rs. 16,000/-per month for 1st and 2nd year Rs. 18,000/-per month for 3rd year	Rs. 25,000/Per month for 1st and 2nd year Rs. 28,000/- per month for 3rd year
2.	Post Graduate in Veterinary Science	Rs. 18,000/-per month for 1st and 2nd year Rs. 20,000/-per month for 3rd year	
B. Research Associates working in Research Schemes funded by ICAR			
3.	Master Degree Holders	Rs. 23,000/-per month	Rs. 38,000 per month
4.	Doctoral Degree Holders	Rs.24,000/-per month	Rs. 40,000 per month

The other terms and conditions in the guidelines for SRFs & RAs working in ICAR Schemes shall remain the same as notified *vide* F. No. 2-9/2012 HRD dated 25th April, 2014.

The revised rates will be effective from 01.10.2014. The additional expenditure on this account will be met from the sanctioned budget grant of the respective schemes. This has the concurrence of MoF (DoE) *vide* their ID No. 9985/E.III(A)/2015 dated June 15, 2015 and IFD, ICAR *vide* e-office Dy No. 7460/2015.

The issues with the approval of the competent authority.

(Kaushalya Chaudhary)
Deputy Secretary (Agril. Edn)

Distribution:

1. Vice Chancellors of all the State Agricultural Universities.
2. Directors of all the ICAR Institutes/Project Directors/Project Coordinators.
3. OSD & Sr. PPS to Secretary DARE & DG, ICAR.
4. PPS to Addl. Secretary DARE & Secretary, ICAR.
5. PPS to Addl. Secretary DARE & Financial Advisor, ICAR/DARE.
6. Director (Finance).
7. Sr. Finance & Accounts Officer, Agril. Education Division, ICAR
8. PA to DDG (Agril. Edn.), ICAR.
9. All Officer/Sections of ICAR, Krishi Bhawan/KAB-I/KAB-II/ASRB/NAIP.
10. M&I Unit, KE & ISO, DKMA for uploading the same on the ICAR website

Note: The circular/clarifications/order issued from the Education Division of ICAR, dated 13th July and 9th October 2015 need to be taken care while recruiting the RA/SRF under the NASF projects.

The following External Members are approved for the **Advisory Committee:**

S.No.	Reg. No.	Title of the project	External Members of Advisory Committee
1.		Electric Field Based Novel Technologies for Pilot Scale Processing of Juice and Pulp from Potential Fruits of NE Region	***Chairman:** ***Member:**

***It will decided by the ADG, NASF**

Delegation of Powers to Advisory Committees (AC) of the Projects under NASF

1. The 'Advisory Committees will be constituted by the ADG/ Director. NASF.
2. Individual ACs will be available for each project.
3. ACs may recommend additional fund of ₹ 1.5 lakhs to NASF within the approved budget for consideration during midterm evaluation/ monitoring.
4. ACs will be evaluating. monitoring and review the project once in a year. Besides it may visit laboratory/field/sites in consultation with NASF office.
5. Chairman(s) of ACs may participate during the annual review meetings of the projects. based on requirements.

D/Dean, R&D / for no. B 5/9/18

D P.O.

Office of the R... Receipt No 3356 Rec 06/9

Serial No. 2994

Date of S... 07/9/2018

File No. D-Technology Bhavan

Received by New Mehrauli Road

New Delhi -110 016

SR/NM/NS-1147/2016(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Dated: **20th August, 2018**

ORDER

Subject: **Financial assistance for the research project entitled "*Theoretical investigation of methane oxidation catalyzed by metal nanoclusters supported on zeolites*" under the guidance of Professor Ramesh C Deka, D/o Chemical Sciences, Tezpur University, Napaam – 784 028 - regarding approval of the project and release of first installment of the "General" grant.**

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.52,01,000/- (Rupees fifty two lakh one thousand only)** with **General Component of Rs. 32,05,200/-** and **Capital Component of Rs. 19,95,800/-**.The detailed breakup of the grant for General as well as Capital Components are given below:

(Amount in Rupees)

Budget Head	1st year	2nd year	3rd year	Total
Non-Recurring (A)				
Equipment High performance computing clusters and UPS	19,95,800	0	0	19,95,800
Subtotal Non-Recurring (A)				**19,95,800**
Recurring (B)				
Manpower One RA-1 @ Rs 36000 pm for 3 years +10% HRA and One JRF/SRF @Rs.25,000-25,000-28,000 pm for 3 years + 10% HRA	8,05,200	8,05,200	8,44,800	**24,55,200**
National Travel	50,000	50,000	50,000	**1,50,000**
Contingencies	50,000	50,000	50,000	**1,50,000**
Overhead Charges	1,50,000	1,50,000	1,50,000	**4,50,000**
Subtotal Recurring (B)	**10,55,200**	**10,55,200**	**10,94,800**	**32,05,200**
Total (A+B)	***30,51,000***	***10,55,200***	***10,94,800***	***52,01,000***

2 Sanction of the President is also accorded for payment of **Rs.10,55,200/-(Rupees ten lakh fifty five thousand two hundred only)** under **'General-in-aid General'** to the **Registrar, Tezpur University, Napaam (Assam)** as **first** installment of the grant for implementation of the above project.

3 This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4 The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5 If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6 The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organization, which will be adjusted towards future release of grant.

...contd 2/-

File. 07/9/2018

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7. The grant-in-aid being released is subject to the condition that:

a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 followed by the Institute/Organization under the appropriate rules of the grantee organisation procuring capital assets sanctioned for the above mentioned project and a certificate to this effect submitted by the Grantee organization immediately on receipt of the grant.

b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to submission of supporting documentary evidences with regard to purchase of equipment/capital asset per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered on receipt of the said documents.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency".

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

12. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

13. The expenditure involved is debit able to:

Demand No.84: Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
69	Research and Development
69.00.31	Grants-in-aid General for the year 2018-19
	(Nano Mission 3425.60.200.36.00.31)

14. The amount of **Rs.10,55,200/-(Rupees ten lakh fifty five thousand two hundred only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Registrar, Tezpur University, Napaam (Assam)**. The bank details for electronic transfer of funds through RTGS are given below:

1.	Name of the Account Holder	Registrar, Tezpur University, Napaam
2.	Name of the Bank	State Bank of India, Main Branch, Tezpur - 400076
3.	Bank Account Number	30448821505
4.	IFSC Code	SBIN0000195
5.	MICR Code	784002002

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **28 NMD** the register of grants maintained in the Division for the scheme Nano Mission.

16. This issues with the concurrence of IFD Vide their Concurrence Dy.No. **C/1942/IFD 2018-19** dated **10.08.2018**.

(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST

...contd 3/-

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(27)

Copy forwarded for information and necessary action to:

1. Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
2. Integrated Finance Division, DST

3. **Professor Ramesh C Deka**
   Department of Chemical Sciences
   Tezpur University
   Napaam – 784 028. (Assam)

4. **The Registrar**
   Tezpur University
   Napaam – 784 028. (Assam)

5. **Professor & Head**
   Department of Chemical Sciences
   Tezpur University
   Napaam – 784 028. (Assam)

6. **The Principal Director of Audit, Scientific Departments, IIIrd floor, AGCR Building, I.P. Estate, New Delhi- 110 002.**

7. Sanction folder (Nano Mission)
8. File copy

(Milind R Kulkarni)
Scientist-G

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(1)

B-Notification

iB_Administrator@serbonline.in
n 9/24/2018, 10:10 AM
fo@serbonline.in"@imsva02.cdacnoida.in <"info@serbonline.in"@imsva02.cdacnoida.in>

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. EMR/2017/003222

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 29-Aug-2018

ORDER

ubject: Financial Sanction of the research project titled "**Stability analysis f astrophysical complex plasmas**" under the guidance of Dr. Pralay umar Karmakar, Department of Physics, Tezpur University , Distt. sonitpur .b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

anction of **Science and Engineering Research Board (SERB**) is hereby ccorded to the above mentioned project at a total cost of **Rs. 1693560/-** Rs. Sixteen Lakh Ninety Three Thousand Five Hundred and Sixty **Only)** with reak-up of **Rs. *210000/-* under Capital (Non-recurring) ead** and **Rs.*1483560/-* under General (Recurring) head** for a duration of 6 months. The items of expenditure for which the total allocation f **Rs. 1693560/-** has been approved are given below:

.tlook.live.com/mail/inbox/id/AQMkADAwATNiZmYAZC1iOWI1LWRmZTktMDACLTAwCgBGAAADOmssiIDh3gkGNwFcHEte2AwcA1%2FL...

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the following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

(7)

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Work station for advanced computation	210000
A'	*Total (Non-Recurring)*	***210000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies)	1029600 300000
2	Recurring - III : (Overhead Charges)	153960
B'	*Total (Recurring)*	***1483560***
C	**Total cost of the project (A' + B')**	**1693560**

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Sanction of the **SERB** is also accorded to the payment of **Rs. 210000/-** upees Two Lakh Ten Thousand only) under 'Grants for creation of capital ets' and **Rs. 490000/-** (Rupees Four Lakh Ninety Thousand only) under ants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur .No.72 Napaam, Tezpur** being the first installment of the grant for the ar 2018-2019 for implementation of the said research project.

The expenditure involved is debitable to **Fund for Science & gineering Research (FSER)**

is release **is being made under Core Research Grant. (PAC Physical** iences)

The Sanction has been issued to Tezpur University, Distt. Sonitpur t.No.72 Napaam, Tezpur with the approval of the competent authority der delegated powers on **21 August, 2018** and vide Diary No. **RB/F/6042/2018-2019** dated **28 August, 2018**

Sanction of the grant is subject to the conditions as detailed in Terms & nditions available at website (www.serb.gov.in).

Overhead expenses are meant for the host Institute towards the cost for oviding infrastructural facilities and general administrative support etc. cluding benefits to the staff employed in the project.

While providing operational flexibility among various subheads under ed Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each ould be spent for travel and contingency.

As per rule 211 of GFR, the accounts of project shall be open to inspection Sanctioning authority/audit whenever the institute is called upon to do

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nowledged in their media releases as well as in bold letters in the ening paragraphs of their Annual Report.

In addition, the investigator/host institute must also acknowledge the pport provided to them in all publications, patents and any other output anating out of the project/program funded by the Science & Engineering search Board, a statutory body of Department of Science & Technology ST), Government of India.

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

nder Secretary

ERB, New **Delhi**

opy forwarded for information and necessary action to: -

	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
	Sanction Folder, SERB , New Delhi.
	File Copy

Dr. Pralay Kumar Karmakar
Department of Physics
Tezpur University , Distt. sonitpur p.b.no.72 napaam,

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FILE NO. EMR/2017/001436

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated 29-Aug-2018

ORDER

Subject: Financial Sanction of the research project titled "**Neutrino Mass, Lepton Number Violation, Baryogenesis, Dark Matter and related Cosmology within beyond Standard Model frameworks**" under the guidance of Dr. Mrinal Kumar Das, Physics, Tezpur University , Distt sonitpur p b no 72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. MoonMoon Devi, Assistant Professor, Physics, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2196954/-** (Rs. Twenty One Lakh Ninety Six Thousand Nine Hundred and Fifty Four **Only**) with break-up of **Rs. *597631*/- under Capital (Non-recurring) head** and **Rs.*1599323*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2196954/-** has been approved are given below. The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Work Station -> Copier cum printer -> PC -> Online UPS	597631
4	*Total (Non-Recurring)*	***597631***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1029600 370000
2	Recurring - III : (Overhead Charges)	199723
B'	*Total (Recurring)*	***1599323***
C	**Total cost of the project (A' + B')**	2196954

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 597631/-** (Rupees Five Lakh Ninety Seven Thousand Six Hundred and Thirty One only) under Grants for creation of capital assets and **Rs. 532369/-** (Rupees Five Lakh Thirty Two Thousand Three Hundred and Sixty Nine only) under Grants-in-aid General to **REGISTRAR, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first instalment of the grant for the year 2018-2019 for implementation of the said research project.

The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**. **This release is being made under Core Research Grant. (PAC Physical Sciences)**

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **21 August, 2018** and vide Diary No. **SERB/F/6057/2018-2019 dated 28 August, 2018**

3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in)

4. Overhead expenses are meant for the non-institutional costs like cost for providing infrastructural facilities and general administrative expenditure including benefits to the staff employed in the project.

5. While providing operational flexibility among various sub-heads under head Recurring-II, it should be ensured that not more than Rs. 1 Lakh in total be spent for travel and contingency

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB

10. The release amount of **Rs. 1130000/-** (Rupees Eleven Lakh Thirty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**REGISTRAR, TEZPUR UNIVRSITY**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam- 784001, 91-3712-220592**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**mkdas@tezu.ernet.in**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/001436 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program [illegible] the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy

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4	Dr. Mrinal Kumar Das Physics Tezpur University , Distt. Sonitpur P.B.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: mkdas@tezu.ernet.in Mobile: 9387698043 Dr. MoonMoon Devi Physics Tezpur University (Start date of the project may be intimated by name to the undersigned. For guidelines, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	REGISTRAR Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Nikhil Ghosh)
MS
nikhil@serb.gov.in

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(26)

No. BT/PR24613/NER/95/775/2017

Application No. MED/2017/17

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 07/09/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Pharmacological studies of recombinant and mutant fibrin(ogen)olytic protease(s) for the prevention and/or treatment of hyperfibrinogenemia associated cardiovascular disorders**" for a period of 1 Year 6 Month at a total cost of Rs. **4159200** (Rupees Fourty One Lakhs Fifty Nine Thousand Two Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Pharmacological studies of recombinant and mutant fibrin(ogen)olytic protease(s) for the prevention and/or treatment of hyperfibrinogenemia associated cardiovascular disorders"**

2.2 Details of the **Investigatiors:**

Project **Cordinator**

Prof. **Ashish Kumar Mukherjee**
Professor
Department of Molecular Biology and Biotechnology
Tezpur University
Napaam, Dist- Sonitpur, Tezpur-784028, Tezpur Assam, 784028

Principal **Investigators:**

Prof. **Ashish Kumar Mukherjee**
Professor
Department of Molecular Biology
and Biotechnology
Tezpur University
Napaam, Dist- Sonitpur, Tezpur-
784028, Tezpur,Assam, 784028

Prof. **Uttam Chandra Banerjee**
Professor and Head
Pharmaceutical Technology
National Institute of Phamraceutical
Education and Research (NIPER),
Mohali
National Institute of Pharmaceutical

Vemulali

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Education and Research, Sector 67,
S.A S. Nagar, Mohali, Punjab,
Chandigarh,Chandigarh, 160062

CO-PI:

Dr. Suman Dasgupta
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Department of Molecular Biology and
Biotechnology, Tezpur University, Napam,
Tezpur, Assam, Tezpur - 784028, Assam

Dr. Abhay H Pande
Associate Professor
Biotechnology
National Institute of Phamraceutical Education
and Research (NIPER), Mohali
Dept. of Biotechnology, National Institute of
Pharmaceutical Education and Research, Sector
67, S.A.S. Nagar, Mohali, Punjab, Chandigarh -
160062, Chandigarh

2.3 Objectives:

Overall Objectives:

1. Assessment of fibrinogenolytic activity and anticoagulant potency of a recombinant fibrin(ogen)olytic serine protease

Institute wise Objectives:

National Institute of Phamraceutical Education and Research (NIPER), Mohali

1. Improvement of fibrinogen binding potency of recombinant fibrin(ogen)olytic serine protease for enhancing its catalytic activity

Tezpur University

1. Assessment of fibrinogenolytic activity and anticoagulant potency of a recombinant fibrin(ogen)olytic serine protease

2.4 Time Schedule:

The duration of the project is 1 Year 6 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **4159200/-**(Rupees Fourty One Lakhs Fifty Nine Thousand Two Hundred Only) as per details given below :

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Institute	Year I	Year II	Total Cost(Rs.)
1. National Institute of Phamraceutical Education and Research (NIPER), Mohali	1053200	501600	**1554800**
2. Tezpur University	1919600	684800	**2604400**
Total (Rs.)	**2972800**	**1186400**	**4159200**

Institute wise details are:

Budget Head	Year I	Year II	Total(Rs.)
1. Tezpur University			
Equipment	600000.00		**600000.00**
Manpower	369600.00	184800.00	**554400.00**
Contingency	50000.00	25000.00	**75000.00**
Travel	50000.00	25000.00	**75000.00**
Consumables	800000.00	400000.00	**1200000.00**
Overhead	50000.00	50000.00	**100000.00**
Total (Rs.)	**1919600.00**	**684800.00**	**2604400.00**
2. National Institute of Phamraceutical Education and Research (NIPER), Mohali			
Manpower	403200.00	201600.00	**604800.00**
Travel	50000.00	25000.00	**75000.00**
Overhead	50000.00	50000.00	**100000.00**
Contingency	50000.00	25000.00	**75000.00**
Consumables	500000.00	200000.00	**700000.00**
Total (Rs.)	**1053200.00**	**501600.00**	**1554800.00**

2.6 **Equipment:**

The details of the equipment sanctioned for the implementation of the project at Annexure-I

2.7 **Manpower:**

The details of the manpower sanctioned for the implementation of the project at Annexure-II

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3. Head of Account:

The Non-Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

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National Mission for Manuscripts
IGNCA, 11 Mansingh Road New Delhi - 01

File No.- NMM/16(53)/MCC/2017-20
Dated:- 19-09-2018

To,
Registrar
Dept. of Culture Studies
Tezpur Univesity

Subject-: Release of Ist installment of Manuscripts Conservation Center grant of ₹ 2,50,000/- for the year 2018-19.

Sir,

Sanction of the competent authority is hereby conveyed for payment of an amount of **₹ 2,50,000/- (Rupees Two lakh Fifty thousand only)** in favour **Registrar, Tezpur University** being Ist installment of financial assistance for incurring expenditure on your Manuscripts Conservation Centres during the year 2018-19.

2. The amount should be utilized as per organizational set up and activity –wise budget approval by NMM in the guidelines for establishing an MCC.

3. All payment, except petty payments (upto ₹ 2,000/-) should be made through RTGS or Cheque.

4. Utilization Certificate, along with Statement of accounts and physical targets achieved, must be submitted within one month of utilization of grant.

The expenditure is debit able to the head GRB-342 for the year 2018-19.

(M. P. Joshi)
Sr. Accounts Officer

Distribution:-
1. Accounts Branch
2. Concerned File
3. Guard File

Local Advisory Committee Meeting for Approval of Minor Research Projects (in accordance with ten point action plan for F.Y. 2018-19)

Date: 24th September 2018

Purpose: Approval of Proposals for the Conduct/Continuation of Two Minor Projects

With the motive of seeking approval for the conduct/continuation of minor projects (as per approved ten point action plan F.Y. 2018-19), a meeting of Local Advisory Committee Members (Prof. P. K. Das, Prof. V. Xaxa, Prof. C. K. Sharma, Prof. D. Das, and Prof. K. Kikhi) was conducted on 24th September 2018 at 3 p.m. Agenda of the meeting was announced by Prof. Kikhi while he welcomed all the members. Apart from having discussion, the meeting was having an intention to approve the staff position which may be recruited for the completion of the said projects. An elaborate discussion was done on the two proposals for the minor projects under Dr. Ambedkar Chair, TU. Out of these two proposals, one was in the process since December 2017, and the other is to commence. Considering coherence and practical limitations, the title for the two minor projects were finalized as:

1) Annotated Bibliography on SCs and STs in Social Sciences & Humanities (Ongoing project)

2) An Evaluation of Schemes under Dr. Ambedkar Foundation in the context of Mizoram (Proposed)

There were few suggestions to proposals which are incorporated while preparing a final version for these.

Apart from this, all the LAC members reiterated their previous recommendation for having curtains and other necessary items in the office of Dr. Ambedkar Chair.

Prof. K. Kikhi thanked all the members for their invaluable suggestions and necessary support. Meanwhile, he made all the members present aware about the developments towards proposed Ambedkar Memorial Lecture series where an informal consent was given by Prof. Faizan Mustafa (VC-NALSAR, Hyderabad).

Members Present:

Prof. P. K. Das
(Chairperson)

Prof. V. Xaxa
(Member)

Prof. C. K. Sharma
(Member)

Prof. Debabrata Das
(Member)

Prof. K. Kikhi
(Chair Professor)

Dr. D.R. Gautam
(Research Officer)

Annexure – III

Annexure - III

Dr. Ambedkar Chair, Tezpur University
10 Point Annual Action Plan (2018-2019)

(A)

Sl. No.	Activities of the Chair	Emoluments/ Grants (In Rupees)
1	**Research Work (Long/Short Term)** a) One on-going project towards development of source material on Scheduled Castes, Scheduled Tribes, and Women in Social Sciences, and Humanities (Rs. 1,00,000.00) c) One Minor Project (Rs. 1,50,000.00) To sponsor a minor project (Submission of project proposals will be advertised after the disbursement of fund) Duration: 1 year (field-based research) Broad theme: *Socio-Economic Status of the SC/ST Communities in North Eastern Region*	2,50,000.00
2	**Teaching through CBCS (Choice Based Credit System) Open Elective Courses at Post Graduate and Ph. D. level** (W.e.f. Autumn Semester 2018)	50,000.00
3	**Organisation of Seminar/Workshop** a) Two-days National Seminar on 21st and 22nd June 2018 (in collaboration with ICSSR & ICSSR-NERC) (Rs. 1,50,000.00) Theme: *Equity with special emphasis on North Eastern Region* Outcome of the seminar: Publication in the form of Edited Book by a reputed publisher	1,50,000.00
4	**Lectures** a) Public Lecture (I): 'Relevance of Ambedkar: Then and Now' (Conducted on 27th April 2018)(Rs. 36,000.00) b) Public Lecture (II):Savitri Bai Phule Memorial Lecture (January 2019) (Rs. 35,000.00) c) DP. Ambedkar Memorial Lecture (September- October) (Rs. 45,000.00)	1,16,000.00
5	**Publication of Books/ Articles/Journals** Publication of Edited Book (Seminar Proposed in June)	50,000.00

6	Awareness/Extension/Training Programme(s) a) One Day Skill Development Training Program for Socially Disadvantaged Groups in one selected village (Rs. 50,000.00) b) One Day Free Medical Care Program in one selected village (Rs. 25,000.00)	75,000.00
7	Participation in Seminar(s)/Conferences(s)	50,000.00
8	Purchase of Books/Journals/Source Material	75,000.00
9	Discussion/Dialogues a)127th Birth Anniversary Celebration conducted on 14th & 27th April 2018 (Rs. 10,000.00) b) Round Table Discussion on the issues of North East Region (Rs. 15,000.00) (August- September 2018) c) Constitution Day Celebration (Lecture/Panel Discussion) (Rs. 25,000.00) Proposed Date: November 26, 2018 d) Observing Mahaparinrvana Diwas of Dr. B.R. Ambedkar– December 6, 2018 (Rs. 10,000.00)	60,000.00
10	Inter-Chairs Collaborative Programmes	40,000.00
	Total	9,16,000.00

(B)

11. Phone/Fax/Stationery 50,000.00
12. Contingency 75,000.00

Total: Rs.1,25,000.00

(C)

13. Salaries of the Staff working under the Chair

a) Chair Prof. @ Rs. 175405.00 (Existing salary on 30th April 2018) * 12 = 21,04,860.00 (Approx.)

b) R. O. @ Rs. 67076.00 (Existing salary on 30th April 2018) * 12 = 8,04,912.00 (Approx.)

c) Stenographer @ Rs. 30916.00 (Existing salary on 30th April 2018) * 12 = 3,70,992.00 (Approx.)

Total = Rs. 32,80,764.00 (Approx.)

Grand Total = A + B + C = Rs. 43,21,764.00

(Rupees Forty Three Lakhs Twenty One Thousand Seven Hundred Sixty Four Only) (Approx.)

(Dr. Ambedkar Chair,
Tezpur University)
Chair Professor
B.R. Ambedkar
Tezpur University

No. BT/PR24531/NER/95/755/2017

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

App. No. Administrative MED/2017/09

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 28 / 09 /2018

ORDER

nction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers les ,1978 , for the implementation of the project entitled: "**Search for novel anti-platelet nd anti-thrombin peptides from Indian viper venom (Daboia russelii): Purification, haracterization and evaluation of its anti-thrombotic potential.**" for a period of 3 Year 0 onth at a total cost of Rs. **6079600** (Rupees Sixty Lakhs Seventy Nine Thousand Six Hundred nly) on the terms and conditions detailed here under:-

he Project :

2.1 Title : **"Search for novel anti-platelet and anti-thrombin peptides from Indian viper venom (Daboia russelii): Purification, characterization and evaluation of its anti-thrombotic potential."**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Robin Doley
Associate Professor
Department of Molecular Biology and Biotechnology
Tezpur University
Department of Molecular Biology and Biotechnology
Tezpur University, Tezpur, Assam, 784028

Principal Investigators:

Dr. Robin Doley
Associate Professor
Department of Molecular Biology
and Biotechnology
Tezpur University
Department of Molecular Biology
and Biotechnology
Tezpur University, Tezpur,Assam,
784028

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(24)

Prof. Mohammad Zahid Ashraf
Professor
Biotechnology
Jamia Millia Islamia
Jamia Nagar
New Delhi, South Delhi,Delhi,
110025

CO-PI:
Dr. Rupak Mukhopadhyay
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Nappam
District Sonitpur, Tezpur Assam, - 784028,
Assam

Dr. Mansoor Ali Syed
u1
biotechnology
Jamia Millia Islamia
Room 415, Ramanujan Block, Mujeeb Bagh,
Jamia Nagar, Okhla, New Delhi, South Delhi -
110025, Delhi

2.3 Objectives:

Overall Objectives:

1. To isolate anti-platelet and anti-thrombin peptides from Daboia russelii venom.
2. To characterize the biochemical and biophysical properties of purified anti-platelet and anti-thrombin peptides.
3. To evaluate the antithrombotic potential of purified peptides using animal models of thrombosis.
4. To identify the molecular mechanism involved in antithrombotic potential of purified peptides using proteomics approach.

Institute wise Objectives:

Jamia Millia Islamia

1. To evaluate the antithrombotic potential of purified peptides using animal model of thrombosis.
2. To identify the molecular mechanism involved in antithrombotic potential of purified peptides using proteomics approach.

Tezpur University

1. To isolate anti-platelet and anti-thrombin peptides from Daboia russelii venom
2. To characterize the biochemical and biophysical properties of purified anti-platelet and anti-thrombin peptides

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Time Schedule:
The duration of the project is 3 Year 0 Month from the date of this sanction order.

Project Cost:
The total cost of the project is Rs. **6079600/-**(Rupees Sixty Lakhs Seventy Nine Thousand Six Hundred Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Jamia Millia Islamia	650000	600000	450000	**1700000**
2. Tezpur University	2630000	880000	869600	**4379600**
Total (Rs.)	**3280000**	**1480000**	**1319600**	**6079600**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	1500000.00			**1500000.00**
Manpower	330000.00	330000.00	369600.00	**1029600.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	600000.00	350000.00	300000.00	**1250000.00**
Overhead	100000.00	100000.00	100000.00	**300000.00**
Total (Rs.)	**2630000.00**	**880000.00**	**869600.00**	**4379600.00**
2. Jamia Millia Islamia				
Manpower	0.00	0.00	0.00	**0.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Consumables	500000.00	450000.00	300000.00	**1250000.00**
Total (Rs.)	**650000.00**	**600000.00**	**450000.00**	**1700000.00**

2.6 Equipment:
The details of the equipment sanctioned for the implementation of the project at Annexure-I

2.7 Manpower:
The details of the manpower sanctioned for the implementation of the project at

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Head of Account:

a. Non-Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

b. Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

4. Terms & **Conditions:**

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER

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Society for Research & Initiatives for
Sustainable Technologies & Institutions

19

No. BIRAC SRISTI PMU 2018 Date: 19.11.2018

Subject: Sanction letter of BIRAC SRISTI Appreciation Award

To,
Awardee: Ms. Pallabi Das and Ms. Kasturi Sarmah
Further pursued by: Ms. Kasturi Sarmah
Supervisor: Dr. Satya Sundar Bhattacharya and Dr. Sanjay Pratihar
Institute Name: Tezpur University

You have been granted a sum of Rs. 15,00,000/- for the project entitled "Nano based soil conditioner for agricultural application."

You need to sign an agreement called Award Letter Agreement (ALA) which must contains the relevant Annexures for Specific Objective, Plan of the work (Activities, Time Periods & Milestones) and Output. The ALA had already been sent to you.

The grant will be released after signing of ALA.

Project Period: 2 Year (4 Semester, 1 Semester = 6 months)

Release of The Grant: In four instalments

I. 25% (Rs.3,75,000/-) after signing of ALA
II. Next 75% in (Rs.11,25,000/-) in other three instalments of 25% each after every six months on completion of at least 80% of that semester's work as per milestones

You are required to submit the following:

- Progress report at every six months
- Audited expenses report (Utilization Certificate – UC) after every six months and at the end of the project period
- Final project report at the end of the project period

You are also required to return the unutilized grant at the end of the project period. On successful completion of the Project work you will be issued a Project completion certificate from SRISTI.

Thanking you
Debleena Bhattacharya
Dr. Debleena Bhattacharya
BIRAC SRISTI PMU

SRISTI
ES Boys Hostel Campus,
rat University Library & SBI bank,
ngpura, Ahmedabad - 380 009

SRISTI

સૃષ્ટિ
એઇએસ બૉયઝ હોસ્ટેલ કેમ્પસમાં,
ગુજરાત યુનિવર્સિટી લાઇબ્રેરી અને SBI બેંક નજીક,
નવરંગપુરા, અમદાવાદ-૩૮૦ ૦૦૯

Ph No: 079-2791 3293, 2791 2792, web: www.sristi.org, Email: info@sristi.org, honeybee@sristi.org

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(17)

FILE NO. EMR/2017/005383

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 19-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled **"Computational Investigation on the membrane-induced self-assembly and aggregation of α-Synuclein"** under the guidance of Dr. Mattaparthi Venkatasatish Kumar, Molecular Biology and Biotechnology, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4478375/- (Rs.** Forty Four Lakh Seventy Eight Thousand Three Hundred and Seventy Five **Only)** with break-up of **Rs.** ***2798775/-*** **under Capital (Non-recurring) head** and **Rs.*1679600/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4478375/-** has been approved are given below: The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Compute Node -> High performance Computing Cluster (Master Node) -> 36 U Rack -> 10 Gigabit Switch -> 1 U Console with 19" LCD monitor -> 16 port KVM Switch -> Cluster Management (Commercial/ Open source) Installation & configuration of Hardware,OS & Cluster M	2798775
A'	*Total (Non-Recurring)*	***2798775***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies)	1029600 250000
2	Recurring - III : (Overhead Charges)	400000
B'	*Total (Recurring)*	***1679600***
C	**Total cost of the project (A' + B')**	**4478375**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2750000/-** (Rupees Twenty Seven Lakh Fifty Thousand only) under 'Grants for creation of capital assets' and **Rs. 510000/-** (Rupees Five Lakh Ten Thousand only) under 'Grants-in-aid General' to **The Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **14 November, 2018** and vide Diary No. **SERB/F/9388/2018-2019** dated **15 November, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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10. The release amount of **Rs. 3260000/-** (Rupees Thirty Two Lakh Sixty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R and D**
Account Number	**30448821505**
Bank Name & Branch	**SBI Tezpur Main Branch, Lake Road, Tezpur-784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**deanrandd@tezu.erent.in**
Email id of PI	**mvenkatasatishkumar@gmail.com**

11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/005383 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

Compu

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Mattaparthi Venkatasatish Kumar** **Molecular Biology and Biotechnology** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: mvenkatasatishkumar@gmail.com** **Mobile: 918811806866** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**The Registrar,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** **(Receipt of Grant may be intimated by name to the undersigned)**

(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

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EXT

175

F.No. Q-11/25/2018-R&D
Government of India
Ministry of Food Processing Industries
PanchsheelBhavan, August Kranti Mar
New Delhi-110049.

Dated: 07.12.2020

To

Dr. Charu Lata Mahanta, Professor,
Food Engineering and Technology,
Tezpur University,
Napaam-784028, Assam
charu@tezu.ernet.in

Subject:- R&D Proposal titled "Evaluation of tree tomatoes (tamarillo) of Nagaland utilizing the pulp, peel and seeds for its commercialization"-extension of time– reg.

Madam

I am directed to refer to your email dated 07.12.2020 regarding extension of project tenure in respect of your subject mentioned R&D project and to say that Expert Committee (EC) in its meeting held on 04.09.2020 has recommended for grant of 6 month extension without additional financial implication. The same has been accepted and approved by the competent authority in the Ministry. Thus the revised project duration for completion of your project will be 20.02.2021. You are advised to complete the project and submit Final Project Completion Report (FPCR) within extended period of time.

2. It is further clarified that the date of start of project is from the date of issue of approval letter i.e. 21.08.2018 which has already been mentioned in the in-principle approval letter and documents for release of 2nd instalment are accepted on the Sampada Portal developed for the purpose. Status of documents may be checked at the portal.

3. This is for your information and necessary action.

Yours faithfully,

(Ajay Kumar)
Under Secretary to the Govt. of India
Tel: - 011-26406543

Email: ajay.kr69@nic.in

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(51)

12/3/2018 https://ptms.nic.in/Sanction/PrintSanctionContent.aspx

F. No. Q-11/25/2018-R&D
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated : 03/12/2018

To
The Pay and Accounts Officer,
M/o Food Processing Industries,
10/11, Jam Nagar House,
New Delhi-110011

Subject: **R&D proposal on " Evaluation of tree tomatoes (tamarillo) of Nagaland utilizing the pulp, peel and seeds for its commercialization".**

Sir,

I am directed to convey the sanction of President of India for the payment of Rs.2358889 /- (Rupees twenty three lakh(s) fifty eight thousand eight hundred eighty nine only) as Ist Installment out of the total grant-in-aid of Rs.33,03,489/- (Rupees thirth three lakh three thousand four hundred hundred eighty nine only) to

Agency Name	City	State
Tezpur University	Tezpur	ASSAM

for undertaking the R&D project on " Evaluation of tree tomatoes (tamarillo) of Nagaland utilizing the pulp, peel and seeds for its commercialization" towards recurring as well as non-recurring expenditure. The breakup of the funds being towards 1st installment is as under and the list of approved equipment is enclosed as Annexure-I.

S. No.	Head	Amount
A	Equipment (100% cost of equipment	14,14,289.00
B	Manpower (50% cost of manpower)	3,69,600.00
C	Cost of Consumables (50% cost of consumables	3,87,500.00
D	TA/DA (50% cost of TA/DA)	37,500.00
E	Instiutional Charegs (50% cost of Institutional charges	1,50,000.00
	Total	23,58,889.00

2. The grant-in-aid conforms to the pattern of assistance framed as per rules of Ministry of Finance or any scheme framed with the approval of it. The release of grant-in-aid is subject to the terms and conditions mentioned below:-

The Grant-in-aid shall be utilized exclusively for the purpose (s) for which it is sanctioned.

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(50)

grantee and the sureties individually and jointly will be liable to refund to the President of India, the entire amount of the grant with interest at 10% per annum, thereon or the sum specified under the bond.

(C) Shall abide by any other conditions specified in this agreement and in the event of his failing to comply with the conditions or committing breach of the bond, the grantee and the sureties individually and jointly will be liable to refund to the President of India, the entire amount of the grant with interest at 10% per annum, thereon or the sum specified under the bond.

vii. Execution of bond will not apply to quasi-government institution, Central Autonomous Organization and Institutions whose budget is approved by Government. However, in the event of failing to comply with the terms and condition of grant-in-aid, they will be liable to refund to the President of India, the entire amount of the rant with interest at 10% per annum.

viii. The grantee institutions/ bodies shall be required to maintain subsidiary accounts of the Government grant and furnish to the Accounts Officer of Audited Statement of Accounts together with a copy other constitution. These audited statement of accounts will also be required to be furnished after utilization of the grant-in-aid or whenever called for.

ix. Ministry of Food Processing Industries will own the know-how and all other aspects of intellectual property generated as result of the project wholly.

x. The machinery/ equipment purchased out of grant-in-aid amount would be treated, as National property and the MFPI would be able utilize these machineries/ equipments without payment of any charges.

xi. It is certified that no Utilization Certificate is pending against R&D scheme from

Agency Name	City	State
Tezpur University	Tezpur	ASSAM

and also any of the grant released under the R&D component of scheme.

xii. The utilisation of Grants-in-aid being released by this Sanciton Order, is to be recorded through EAT module of PFMS. Expenditure recorded otherwise than on the EAT module of PFMS will not be acceptable. The expenditure not found appearing in EAT module of PFMS will not be taken as eligible expenditure.

The expenditure involved is subject to the following head of accounts as per Demand no. 41 of the Ministry of Food Processing Industries for the year 2018-

North - East Region Funds

Major	Detail	Sub-Major	Object Head	Minor	Category	Sub-

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Head	Head	Head		Head		
2408	07	01	31-GRANTS-IN-AID GENERAL	103	5-VOTED	19

4. This issues with the concurrence of the Integrate Finance Wing vide their U
No. 522/IFD/2018 dated. 19/11/2018

5. This sanction is noted at serial no. 15 in the Register of Grants.

Yours faithfully
(Shyam Sundar Agrawal)
Deputy Director

SHYAM SUNDAR AGRAWAL
Deputy Director
Ministry of Food Processing Industries
Govt. of India
August Kranti Marg, Panchsheel Bhawan
New Delhi-110049

Copy to:-

1. Dr. Charu Lata Mahanta, Professor, Food Engineering and Technology, Tezpur University, Deptt. Of Food Engineering and Technology, Tezpur University, Napaam 784028, Assam
2. Registrar, Tezpur University, Napaam-784028, Assam
3. Principal Director of Audit, Economic and Services Ministry, AGCR Building, Estate, New Delhi.
4. Cash Section, MFPI, New Delhi
5. Budget Section, MFPI, New Delhi
6. IF Wing, MFPI, New Delhi
7. P.C. Division, MFPI, New Delhi
8. Sanction Folder.

(Shyam Sundar Agrawal)
Deputy Director

SHYAM SUNDAR AGRAWAL
Deputy Director
Ministry of Food Processing Industries
Govt. of India
August Kranti Marg, Panchsheel Bhawan
New Delhi-110049

For use of the Ministry of Food Processing Industries

F.No. Q-11/25/2018-R&D

Dated 03/12/2018

Demand No. 41 (2018-2019)
North - East Region Funds

Major	Detail	Sub-Major	Object Head	Minor	Category	Su

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Office of the Registrar

Receipt No 5456

Date

Received by 19/12/18

(2)

PABX : 26588080, 26588707, 26588773, 26589418

FAX : 011-26588662, 011-26589[illegible]

GRAM : [illegible] / SCIENTIFIC

Web site : www.icmr.nic.in

E-mail : icmrhq@sansad.nic.in

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

स्वास्थ्य अनुसंधान विभाग (स्वास्थ्य एवं परिवार कल्याण मंत्रालय)

वी. रामलिंगस्वामी भवन, अन्सारी नगर, नई दिल्ली - 110 029

DEPARTMENT OF HEALTH RESEARCH (MINISTRY OF HEALTH & FAMILY WELFARE)

V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, NEW DELHI - 110 029

No.32/2016/ICMR-ICSSR-SBR

Dated: 30.11.2018

C.C. Dean RD

Serial No... 3953

Date of Receipt... 24/12/18

File No. DEAN/RD

Received by

To,

The Registrar,
Tejpur University,
Napaam,
Tejpur-784028,
Assam.

Sub: Sanction of Budget Allotment for the ICMR Ad-hoc New Scheme entitled "**Inequality and Inclusion in Primary Health Care System in India: Comparative Analysis of Kerala and Assam**" under Dr. Sumesh S.S., Assistant Professor, Department of Sociology, Tezpur University Campus, Napaam, Tejpur, Sonitpur (District), Assam-784028.

Dear Sir,

The Director General of the ICMR sanctions the above – mentioned Research Scheme initially for a period of one year from 16.12.2018 to 15.12.2019 subject to extension up to the total duration specified in para (3) below:

The Director General of the ICMR also sanctions the budget allotment of Rs. 19,41,960/- (Rupees Nineteen Lakh Forty one Thousand Nine Hundred and Sixty only) as detailed in the attached statement for the period ending 16.12.2018 to 15.12.2019.

The Grant-in-Aid will be given subject to the following conditions:

1. The payment of the grant will be made in installments to the Head of the Institute. The installment of the grant will be paid generally as soon as the Council receives report regarding the commencement of the project and appointment of the staff is received by the council. The demand for the payment of the subsequent installment of the grant should be placed with the council in prescribed will in advance.

2. The staff appointed on the project should be paid as indicated in the budget statement attached.

3. The approved duration of the research scheme is **Two years**. Annual extension will be given after review of work done on the research scheme during the previous year.

4. Ten copies of the annual/final progress report of work done be submitted to the council every year after completion of ten months each year. Failure to submit the report in time may lead to termination of the project.

Sd/- Dr. Sumesh SS.

24/12/2018

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5. The institute will maintain a separate account of the receipts and the expenditure incurred research scheme and will furnish a utilization certificate and an audited statement of the ac pertaining to the grant.

6. The other terms and conditions are in Annexure- I.

The receipt of this letter may please be acknowledged.

Yours faithfully,

(G. S. Sandhu)
Administrative Officer
For Director General

Copy to:

1. Dr. Sumesh S.S., Assistant Professor, Department of Sociology, Tezpur University Campus, Napaam, Tejpur, Sonitpur (District), Assam-784028.
2. Copy together with copies of the budget statement forwarded to the Accounts V Section, ICMR for information and necessary action.
3. Copy together with two copies of the budget forwarded to budget section (Fin.) ICMR for compilation of the Council's Budget.
4. IRIS Cell 2015-3586
5. Online Team

Administrative Officer
For Director General

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Details of PI(s)

1	**Dr. Sumesh S S** (sumeshss@gmail.com(Click To change PI)) (Tezpur University, Sonitpur, Assam)	Registration Details Resume Co-PI Details
2	**Dr. Nisha Jolly Nelson** (nishanelson@loyolacollegekerala.edu.in(Click To change PI)) (Loyola College of Social Sciences,Thiruvanathapuram, Thiruvananthapuram, Kerala)	Registration Details Resume Co-PI Details

Submission Details

Title:	Inequality and Inclusion in Primary Health Care System in India: Comparative Analysis of Kerala and Assam Edit Title	
Proposal ID :	2015-3586	
File Number:	32/2016/ICMR-ICSSR-SBR	
RFC Number:	NA	
Submission Date:	28-10-2015	
Duration of Project:		
Project Start Date:	24-06-2019 Edit Start Date	
Broad Area:-	Socio-Behavioral And Health Systems Research	
Major Discipline:-	SOCIAL AND BEHAVIORAL RESEARCH	
Is Ethical Clearance Required?	No	
Review Version:-	F1 (Detailed file)	Full Proposal Details

Concept Proposal Details

Pre-Proposal File Comments

Full Proposal Details

Full Proposal Comments	Dr. Kalyan Kumar Ganguly

Program Officer's Review Details

Sl.No.	Program Officer Name	Program Officer Id	Date of Assign	Status	Comments	Transfer Assigments
1	Dr. Bontha V Babu	babubontha	10-Feb-2017	Evaluated	View	
2	Dr. Azad Singh Kundu	dr.kundu	29-Oct-2015	Transferred	View	
3	Dr. Kalyan Kumar Ganguly	Kalyan	12-Jan-2017	Evaluated	View	

Click to view history of PO(s) Assigned

Institute wise sanctioned budget and remaining budget

PI	Institute	Sanctioned amount	Released amount	Remaining amount
Dr. Sumesh S S	Tezpur University	Rs. 3639420.00	Rs. 1941940.00	Rs. 1697480.00

Required Documents

0

Project Budget

Sanctioned Budget (in Rs.)

Year	PI Name	Manpower	Equipment	Recurring	Travel	Overhead Charges	Total
Year : 1	Dr. Sumesh S S	1135200.00	140000.00	200000.00	400000.00	66760.00	1941960.00
	Dr. Nisha Jolly Nelson	0	0	0	0	0	0.00
Year : 2	Dr. Sumesh S S	1135200.00	0	150000.00	330000.00	82260.00	1697460.00
	Dr. Nisha Jolly Nelson	0	0	0	0	0	0.00

Total Budget (in Rs) : 36,39,420.00

Note:-If you want to see previously submitted/approved budget details, then click on link given below.

1. PRC Recommended Budget

2. Proposed Budget

Go Back

Designed, Developed and Maintained by C-DAC

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No. BT/PR25738/NER/95/1329/2017 App. No.: BMB/2017/87

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
NER-BPMC

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 24/12/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Earthworm Gut Microbes Mediated Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) Remediation in Contaminated Soil**" for a period of 3 Year 0 Month at a total cost of Rs. **5639200** (Rupees Fifty Six Lakhs Thirty Nine Thousand Two Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Earthworm Gut Microbes Mediated Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAHs) Remediation in Contaminated Soil"**

2.2 Details of the Investigatiors:

Project Cordinator

Prof. Raza Rafiqul Hoque
Professor
Environmental Science
Tezpur University
Department of Environmental Science
Tezpur University, Tezpur, Assam, 784028

Principal Investigators:

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Prof. Raza Rafiqul Hoque
Professor
Environmental Science
Tezpur University
Department of Environmental Science
Tezpur University, Tezpur,Assam, 784028

Dr. Srinivasan Balachandran
Assistant Professor
Environmental Studies
Visva Bharati University
Dr. Srinivasan Balachandran,
Department of Environmental Studies,
Siksha Bhavana
Visva Bharati
Santiniketan-731235
West Bengal, ,West Bengal, 731235

Prof. Raza Rafiqul Hoque
Professor
Environmental Science
Tezpur University
Department of Environmental Science
Tezpur University, Tezpur,Assam, 784028

CO-PI:

Dr. Nayanmoni Gogoi
Assistant Professor
Environmental Science
Tezpur University
Department of Environmental Science,
Tezpur University, Napaam,
Tezpur - 784028, Assam, Tezpur - 784028, Assam

Prof. Narayan Chandra Nandal
Professor
Botany
Visva Bharati University
Department of Botany,
Siksha Bhavana, Visva-Bharati, Santiniketan
Dist.:Birbhum West Bengal, Santiniketan - 731235, West Bengal

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2.5 Project Cost:

The total cost of the project is Rs. **5639200/-**(Rupees Fifty Six Lakhs Thirty Nine Thousand Two Hundred Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Tezpur University	1135000	1105000	1144600	**3384600**
2. Visva Bharati University	805000	705000	744600	**2254600**
Total (Rs.)	**1940000**	**1810000**	**1889200**	**5639200**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Manpower	330000.00	330000.00	369600.00	**1029600.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	575000.00	575000.00	575000.00	**1725000.00**
Overhead	130000.00	100000.00	100000.00	**330000.00**
Total (Rs.)	**1135000.00**	**1105000.00**	**1144600.00**	**3384600.00**
2. Visva Bharati University				
Manpower	330000.00	330000.00	369600.00	**1029600.00**
Contingency	20000.00	20000.00	20000.00	**60000.00**
Overhead	30000.00	30000.00	30000.00	**90000.00**
Travel	25000.00	25000.00	25000.00	**75000.00**
Consumables	400000.00	300000.00	300000.00	**1000000.00**
Total (Rs.)	**805000.00**	**705000.00**	**744600.00**	**2254600.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at

Annexure-I

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at

Annexure-II

Vaishali

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3. Head of Account:

The **Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

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सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुर शाह जफर मार्ग नई दिल्ली-110002
Bahadurshah Zafar Marg, New Delhi - 110002
Phone : 011-23604410, 011-23604425

ज्ञान-विज्ञान विमुक्तये

FD Diary No.7666
Dated : 24.12.2018

No.F.30-437/2018(BSR)

Dated: January, 2019

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002

12 FEB

Subject:- **Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2018-2019 under Revenue.**

Sir,

The University Grants Commission convey its approval and allocate a sum of **₹10,00,000/- (Rupees Ten Lakh only)** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of **₹8,00,000/- (Rupees Eight Lakh only) (80% of the approved Grant ₹10.00 Lakhs to each Faculty)** to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2018-2019.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (₹)	Amount being released (80%) (₹)
UGC-BSR Start-up grant for newly recruited faculty at Assistant Professor level in science department	3(E)31 ~~3(B)16(X)31~~	Dr. Pratibha Deka	Environmental Science	10,00,000/-	8,00,000/-
			Total:	10,00,000/-	8,00,000/-

2. The sanctioned amount is debitable to the major Head ~~3(B)16(X)31~~ 3(E)31 and is valid for payment during the financial year 2018-19 only.

3. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** through Electronic mode as per the following details:

a.	**Details (Name & Address) of Account Holder**	**Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.**
b.	**Account No.**	**1699695635**
c.	**Name & Address of Bank Branch**	**Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784 001, Assam.**
d.	**MICR Code**	**784016002**
e.	**IFSC Code**	**CBIN0281346**
f.	**Type of Account**	**Saving**

4. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.

5. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

6. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guideline there under from time to time.

7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the UGC as early as possible after the close of the current financial year.

8. The assets acquired wholly or substantially out of University Grants Commission's Grant Shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given, without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.

9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.

10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10 % per annum as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.

11. The University / Institution shall follow strictly the Government of India / UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.

12. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.

13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admn. IA & B)] dated 28/5/2013.

14. The University /Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.

15. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. This issues with the concurrence of IFD vide Diary No.2790 (IFD) Dated 26.11.2018.

19. This issues with the approval of **C.M. Sectt.** vide Diary No.59981 Dated 03.12.2018

Noted in BCR Register 2018-2019 at P.No 13 & S.No 58.

Yours faithfully,

(Ajay Kumar)
Education Officer

Copy forwarded for information and necessary action to:-

1. **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.** He/She is requested to abide by these instructions/guidelines of sanction order.
2. The Secretary (Education) to the State Government of **Assam**, Guwahati.
3. **The Head, Department of Environmental Science, Tezpur University, Napaam, Tezpur-784 028 Assam.**
4. **Dr. Pratibha Deka, Department of Environmental Science,Tezpur University, Napaam, Tezpur-784 028 Assam.**
5. The Director General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
6. Guard file.

Poonam Arora

(Poonam Arora)
Section Officer

335

GIA-382

Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhavan, New Mehraulli Road
New Delhi-110016
Date: 02.01. 2019

INT/RUS/RFBR/P-322

ORDER

Subject: Implementation of Indo- Russian Joint project entitled "Directed functionalization of oxide and carbon nanomaterials for the development of efficient catalysts for carbon dioxide conversion into value-added products" Coordinated Dr. Pankaj Bharali, Department of Chemical Sciences, Tezpur University, Assam - regarding

Sanction of the President is hereby accorded for incurring an expenditure not exceeding Rs 21,84,400/-/- **(Rupees Twenty One Lakh Eighty Four Thousand and Four Hundred Only)** for implementation of the Indo- Russian joint project entitled "Directed functionalization of oxide and carbon nanomaterials for the development of efficient catalysts for carbon dioxide conversion into value-added products" Coordinated **Dr. Pankaj Bharali,** Department of Chemical Sciences Tezpur University, Assam with the Russian partner **Dr. Mikhail A. Kerzhentsev**, Boreskov Institute of Catalysis, Novosibirsk, Russia for a total duration of Two years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component	:	Rs. 21,84,400/-
Capital Component	:	Rs. NIL

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear all the cost related to the International air travel, medical insurance, visa charges of accommodation, and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Item of Expenditure	Amount		
	First year	Second year	Total
1.Consumables	2,00,000	1,00,000	3,00,000
2.Contingency	50,000	50,000	1,00,000
3.Exchange Visits (Two visit, as calculated in para 3 below) For visit of Indian scientists to Russia	4,81,200	4,81,200	9,62,400
4.Manpower JRF-1(Rs. 25,000 pm + 20% HRA)	3,60,000	3,60,000	7,20,000
Year wise Cost	10,91,200	9,91,200	20,82,400
Overhead @ 10% (on items no.1&4)	56,000	46,000	1,02,000
Total year wise cost	11,47,200	10,37,200	21,84,400
Grand Total	Rs. 21,84,400/-		

3. Sanction of the President is hereby accorded for release of 1st instalment amounting of Rs. 11,47,200/- **(Rupees Eleven Lakh Forty Seven Thousand and Two Hundred only)** to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Tezpur University, Assam.** The bank details for electronic transfer of funds through RTGS are given below:-

1/4

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Account Holders name/ designation	Tezpur University, Assam
Name of Bank	State Bank of India
Bank Account Number	30448821505
IFSC Code	SBIN0000195
E-Mail	----------

Condition for placing of grant amount :

4. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP). i.e. www.bharatkosh.gov.in), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts.

Conditions for submission of SE/UC and Progress report

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee 2organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee 2organization immediately on receipt of the grant.

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

Conditions of Assets (if any) :

8.(a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

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(b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST, in the event, the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.

Conditions for International Visits :

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

Other Conditions:

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

14. **Failure to comply with the terms and conditions of the sanction order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

15. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2018-19:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	Research & Development
14.00.31	:	Grants-in-aid General for the year 2018-19

(**Previous** : ICD-3425 60 798 12 00 31)

16. **This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.**

17. This issues with the concurrence of IFD vide their concurrence Dy No **C/4484/IFD 2018-19 dated 02.01.2019.**

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No 383 in the register of grants maintained in the Division.

(Rajiv Kumar)
Scientist 'E'
3/4

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To,

The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi 110016

Copy to

1. Office of the Principal Director of Audit, AGCR Bldg , IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. IF Division/Accounts Section, DST
4. Sanction Folder
5. Project File.
6. **Dr. Pankaj Bharali**, Department of Chemical Sciences, Tezpur University, Assam
7. **Director / Registrar***, Tezpur University, Assam
8. **Finance Officer***, Tezpur University, Assam

(Rajiv Kumar)
Scientist 'E'

Annexure

Break up of expenditure on each visit of Indian Scientists visiting collaborative institute is calculated broadly as below: (All conversion US $ 1= Rs. 60)

1) International Fare Delhi – Novosibirsk – Delhi i. By excursion / economy class	Rs. 80,000
2) Medical Insurance (Silver Class)	Rs. 4,000
3) Domestic Travel related to visit (Assam-Delhi-back)	Rs. 10,000
4) Visa Fee (as per actual)	Rs. 8,000
5) Accommodation in Novosibirsk @US $ 100 14 days	Rs. 84,000
6) Cash Allowance @ US $ 40 for 14 days	Rs.33,600
7) Transport Allowance @ Us $ 25 for 14 days	Rs.21,000
Total	**2,40,600/-**

(Rajiv Kumar)
Scientist 'E'

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(3)

भारत सरकार Government of India
परमाणु ऊर्जा विभाग Department of Atomic Energy
आरएंडडी-II अनुभाग R&D-II Section

अणुशक्ति भवन Anushakti Bhavan
छ. शि. म. मार्ग C.S.M. Marg,
मुंबई Mumbai - 400 001.
दू.क.Tel: 022-22862763
ईमेल Email: rd2@dae.gov.in

सं.No02011/9/2019एनबीएचएम(आर.पी)NBHM(R.P)/आरएंडडी R&D II/1324 Date: 29/11/2019

आदेश ORDER

डॉ. रजिब हलोई, तेजपुर, सोनितपुर, अस्सम-784 028 के तहत " A Study of Navier-Stokes Equations with Navier Boundary Conditions" शीर्षक की अनुसंधान परियोजना हेतु वित्तीय सहायता के लिए राष्ट्रीय उच्चतर गणितीय बोर्ड की सिफारिश के संबंध में विभाग का प्रशासनिक अनुमोदन इसके द्वारा सूचित किया जाता है। उक्त परियोजना हेतु कुल अनुदान की राशि Rs.12,93,100/- होगी, जो निम्नानुसार है:

On the recommendation of the National Board for Higher Mathematics (NBHM), the administrative approval of this Department is hereby conveyed for grant of financial assistance to the Research Project entitled "A Study of Navier-Stokes Equations with Navier Boundary Conditions" under Dr. Rajib Haloi, Depaprtment of Mathematical Sciences, Tezpur University, Sonitpur, Assam-784 028 for 3 years. The total grant for the project will be ₹12,93,100/-(Rupees Twelve Lakh Ninety three Thousand One Hundred Only) as under :-

क्र.स. Sr. No.	मद Items	प्रथम वर्ष 1st Year (Rs.)	द्वितीय वर्ष 2nd Year (Rs.)	तृतीय वर्ष 3rd Year (Rs.)	कुल Total (Rs.)
1	प्रथम दो वर्षों के ₹ 25000 और तृतीय वर्ष के लिए ₹ 28000 प्रति जेआरएफ One JRF @ ₹ 25000/- p.m. for first two years and @ ₹ 28000/- p.m. for third year.	3,00,000	3,00,000	3,36,000	9,36,000

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2	पुस्तकालय अनुदान Library Grant	25,000/	20,000/-	20,000/-	65,000/-
3	कंप्यूटर हार्डवेयर Computer Hardware	Nil	Nil	Nil	Nil
4	घरेलू यात्राDomestic Travel *	40,000/-	40,000/-	40,000/-	1,20,000/-
5	उप कुल (उक्त 1 से 4 तक का योग) Sub Total (sum of 1 to 4 above)	3,65,000	3,60,000	3,96,000	11,21,000
6	उक्त क्रम सं. 5 के 10% की दर से उपरि व्यय Over head @ 10% of the above	36,500/-	36,000/-	39,600/-	1,21,100/-
7	प्रधान अन्वेषक के लिए आकस्मिकताएं Contingencies for Principal Investigator	10,000/-	10,000/-	10,000/-	30,000/-
7	प्रधान अन्वेषक के लिए आकस्मिकताएं Contingencies for JRF/SRF	10,000/-	10,000/-	10,000/-	30,000/-
	कुल योग Grand Total:	4,21,500	4,16,000	5,55,600	12,93,100

* टिप्पणी Note: 1. विदेशी यात्रा की अनुमति नहीं है। No foreign travel permitted.

2. घरेलू/अंतर्राष्ट्रीय फ्लाइट में दैनिक भत्ता नहीं दिया जाएगा। No DA on domestic / International flight can be given.

2. प्रथम वर्ष के लिए ₹1,11,500/- व्यय हेतु मंजूरी भी सूचित की जाती है। निवेदन किया जाता है कि परियोजना पर नियुक्त जेआरएफ के लिए अध्येता वृत्ति और आकस्मिक व्यय के लिए प्रधान अन्वेषक द्वारा दावा किया जाय।

Sanction is also conveyed to the expenditure of ₹1,11,500/-(Rupees One Lakh Eleven Thousand Five Hundred Only) for the 1st year. The Principal Investigator is required to claim the fellowship for the JRF on the appointment of the fellow in the project.

3. प्रथम वर्ष के लिए ₹ 1,11,500/- की राशि रजिस्ट्रार, तेजपुर, सोनित्पुर, अस्सम-784 028 को निम्नलिखित बैंक विवरण के अनुसार वाया ट्रांसफर द्वारा जारी की जाए :

The sanctioned grant of ₹ 1,11,500/- (Rupees One Lakh Eleven Thousand Five Hundred Only) for the 1st year may please be released by wire transfer/online transfer to Registrar, Tezpur University, Distt. Sonitpur, Assam -784 028, as per bank details as follows:

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बैंक खाता सं. Bank Account No	:	30448821505
बैंक का नाम Bank Name	:	SBI
बैंक की शाखा Bank Branch	:	Tezpur Main Branch
आईएफएससी कोड IFSC Code	:	SBIN0000195
बैंक खाता धारक Account Holder	:	Registrar Tezpur University

4. व्यय को निम्नानुसार नामें किया जाए The expenditure is debitable to:

अनुदान सं.Grant No.	:	04-परमाणु ऊर्जा Atomic Energy
लेखा का मुख्य शीर्ष Major Head of Accounts	:	3401-परमाणु ऊर्जा अनुसंधान Atomic Energy Research
लेखा का लघु शीर्ष Minor Head of Accounts	:	00 004-अनुसंधान एवं विकास Research & Development
लेखा का उप शीर्ष Sub Head of Accounts	:	27 02-अनुसंधान सहायता Research Support
लेखा का विस्तृत शीर्ष Detailed Head of Accounts	:	31-सहायता अनुदान (सामान्य) Grant-in-aid (General)
वित्तीय वर्ष Financial Year	:	2018-19

5. इसे आंतरिक वित्त सलाहकार की सहमति से जारी किया जाता है।
This is issued with the concurrence of IFA.

Sudha
2/10/19

(सुधा ज़ी नायर/Sudha G. Nair)
अनुभाग अधिकारी (आरएंडडी-II)Section Officer (R&D-II)

भुगतान एवं लेखा अधिकारी पऊवि, मुंबई
Pay & Accounts Officer, DAE, Mumbai

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सं.No.02011/9/2019 एनबीएचएम(आर.पी)NBHM(R.P)/आरएंडडी R&D II/1324 Date: 29/11/2019

प्रतिलिपि Copy to :

1. लेखा परीक्षा निदेशक, वैज्ञानिक विभाग, एईएपी, वाणिज्य एवं विविध II, पऊवि, मुंबई–400 001
   The Director of Audit, Scientific Department, AEAP, Commerce & Misc.II, DAE, Mumbai - 400 001.
2. सदस्य सचिव मुंबई ,पऊवि ,एनबीएचएम , Member Secretary, NBHM, DAE, Mumbai - 400 001
3. सहायक लेखा अधिकारी (सी.सी .) मुंबई ,पऊवि , AAO (CC), DAE, Mumbai - 400 001.
4. Dr.Rajib Haloi, Dept. of Mathematical Science, Assam Email: rajib.haloi@gmail.com
5. Registrar/Director, Dept. Mathematical Science, Assam

- हायता अनुदान निम्नलिखित शर्तों के तहत जारी किया जाता है the grant in aid is subject to the following conditions:

(a) सहायता अनुदान की वास्तविक राशि जो जारी की जाती है, वास्तविक व्यय की सीमा तक, बशर्ते बोर्ड द्वारा अधिकतम राशि की संस्वीकृति प्राप्त हो। The actual amount of grant-in-aid that would be released will be limited to the actual expenditure subject to the maximum recommended by the Board.

(b) सामान्य वित्तीय नियमावली के नियम 43 के अनुसार संस्वीकृति आदेश के बारह माह की अवधि के दौरान यदि पूरा अथवा उसके किसी भाग का भुगतान नहीं होता है तो संस्वीकृति समाप्त हो जाएगी।

In accordance with Rule 43 of the General Financial Rules, this sanction will lapse if no payment in whole or part is made during a period of twelve months from the date of issue of the sanction order.

(c) "उपरि व्यय" के तहत संस्वीकृत राशि से परियोजना के लेखों की लेखा परीक्षा करने हेतु लेखा परीक्षक/चार्टेड अकाउन्टेंट को देय शुल्क हेतु परियोजना की सामान्य प्रशासनिक आवश्यकताओं के संबंध में राशि व्यय करने हेतु प्रधान अन्वेषक को प्राधिकृत करता है।

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(18)

F.No- 16(4)/2018-19)/NCW(RS)
National Commission for Women
Plot No. 21, Jasola Institutional Area, New De

Dated: 28/02/2019

ORDER

Sanction of the Competent Authority is hereby conveyed in terms of Rule 20 of the DFP Rules 1978 read with Section 11(2) of the National Commission for Women Act, 1990 for incurrence an expenditure not exceeding **Rs.4,75,000/- (Rupees Four Lakh Seventy Five Thousand only)** to the **Chandraprabha Saikiani Centre for Women Studies, Tezpur University, Napaam-784028, Assam** for conducting a Research Study on **"Effectiveness of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal). Act. 2013 and Rules thereunder: A Study of Assam".**

2. The approved budget is as listed below:

S. No.	Position	Duration	Amount (in Rupees)
1.	Project Director	Lump sum	30,000/-
2.	Project Coordinator	6	1,20,000/-
3.	Research Officer	6	90,000/-
4.	Field Investigator	6	72,000/-
5.	Typist	6	6000/-
6.	Data processing, preparation of copies of reports	Lump sum	35,000/-
7.	TA/DA	Lump sum	1,20,000/-
8.	Contingencies		Rs. 2000/-
	Total		Rs. 4,75,000/-

3. The amount will be released in three installments: Rs. (i) **Rs.1,90,000/- (Rupees One Lakh Ninty Thousand only)** i.e. 40% of the sanctioned amount as 1st installment on approval; (ii) **Rs.1,90,000/- (Rupees One Lakh Ninty Thousand only)** i.e. 40% of the sanctioned amount after the collection and compilation of data and receipt of preliminary satisfactory report; and (iii) **Rs.95,000/- (Rupees Ninty five Thousand only)** i.e. 20% of the sanctioned amount on approval / acceptance of the final report by the Commission.

4. The release of the assistance would be subject to the following terms and conditions:

I. The grantee organization should submit an interim progress report of the study after utilization of the first installment of the grant along with the statement of accounts and utilization certificate to enable release the second installment of the grant for this project.

II. The sample size and universe of the study shall not be changed without prior approval of the Commission.

III. The study will be completed within the approved period from the receipt of the sanction order. The accounts should be completed and submitted within two months thereafter.

IV. Ordinarily, no extension of time will be granted. However, in exceptional cases, where the Study cannot be completed according to the objectives for which it was sanctioned within the stipulated time-frame, extension of time may be sought from the Commission by submitting valid reasons there for. In case, the study is not completed within the extended time limit, the entire amoun

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already released by the Commission will have to be paid back to the National Commission for Women.

V. Further, in case, the study report does not match the objectives for which the sanction was accorded, the entire amount released by the Commission will have to be refunded to the Commission.

VI. In the event of the failure to submit the study report within the stipulated time- frame along with audited item- wise accounts, original bills/vouchers, income & expenditure account, receipt and payment account and utilization certificate by the chartered accountant, the Commission will take action to recover the government money along with interest thereon and also consider debarring the organization from further receipt of any financial assistance from the National Commission for Women. Further, the organization receiving grants or failing to comply with the terms and conditions of the sanction order, **may also be blacklisted**.

VII. On completion of the project, the grantee organization shall submit a draft study report to the Commission for evaluation by the Commission. Further, the organization may be called to present their draft report before the Commission. The report will need to be finalized on the basis of the suggestions made during the presentation. After the draft report is approved by the Commission, the organization shall provide **10 copies of the main report and 10 copies of Executive Summaries of the report along with a soft copy of final study report.**

VIII. It is obligatory to display "**Sponsored by 'National Commission for Women'**" on the cover page of the report of the research study. The IPR shall belong to the NCW and the report may not be published, reproduced or presented in any other manner without the prior permission of the National Commission for Women and without acknowledging the sponsorship of National Commission for Women.

IX. No equipment or asset shall be purchased out of the assistance granted under this sanction.

X. Separate accounts of the items will be maintained and the same will be subject to test check by the Commission or its representatives. **Original vouchers need to be submitted along with audited item-wise accounts, income & expenditure account, receipt & payment account and utilization certificate by the Chartered Accountant for final settlement of accounts as per** the time schedule approved.

5. The expenditure is debit able to "Research Studies" and will be met out of the funds of NCW during the financial year 2018 - 2019.

6. Noted at Serial No. 14 in the sanction register (Research Study).

(Barnali Shome)
Under Secretary

Copy to:

1. P&AO, NCW, New Delhi

2. DDO, NCW, New Delhi (2 copies). The amount of **Rs.1,90,000/- (Rupees One Lakh Ninty Thousand only)** be drawn in favour of **Chandraprabha Saikiani Centre for Women Studies, Tezpur University, Napaam-784028, Assam** (copy of the filled-in proforma for ECS is enclosed).

3. **The Head, Chandraprabha Saikiani Centre for Women Studies, Tezpur University, Napaam-784028, Assam**

4. Guard File

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(16)

FILE NO. CRG/2018/000263
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 09-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled **"Identification of electroactive materials for high energy and high power rechargeable aluminum-ion battery"** under the guidance of Dr. Shyamal Kumar Das, Physics, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - **Release of 1st grant.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3282400/-** (Rs. Thirty Two Lakh Eighty Two Thousand Four Hundred **Only**) with break-up of **Rs. *1000000*/- under Capital (Non-recurring) head** and **Rs.*2282400*/- under General (Recurring)** head for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3282400/- has** been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Electrochemical Work Station -> Power Stabilizer or UPS	1000000
A	*Total (Non-Recurring)*	***1000000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III . Scientific Social Responsibility	1164000 800000 20000
2	Recurring - IV : (Overhead Charges)	298400
B	*Total (Recurring)*	***2282400***
C	**Total cost of the project (A' + B')**	**3282400**

2. Sanction of the SERB is also accorded to the payment of **Rs. 1000000/-** (Rupees Ten Lakh only) under 'Grants for creation of capital assets' and **Rs. 774200/-** (Rupees Seven Lakh Seventy Four Thousand Two Hundred only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **08 March, 2019** and vide Diary No. **SERB/F/12013/2018-2019** dated **09 March, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1774200/-** (Rupees Seventeen Lakh Seventy Four Thousand Two Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Registrar Tezpur University
Account Number	30448821505
Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam, 784001

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IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	skdstring@gmail.com

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. CRG/2018/000263 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Arvind Chaudhary)
Scientist C
ipc.serb@gmail.com

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Shyamal Kumar Das Physics Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: skdstring@gmail.com Mobile: 918753946977 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)
Scientist C
ipc.serb@gmail.com

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Gmail

dr. sajal kumar das <sajalkdas@gmail.com>

SERB-Notification

2 messages

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in> Wed, Mar 20, 2019 at 12:43 PM
To "info@serbonline.in"@imsva02.cdacnoida.in

SERB India

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. CRG/2018/003021

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 12-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "**Stereoselective Synthesis of Spirocyclic Indolines"** under the guidance of Dr. Sajal Kumar Das, Chemical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB**) is hereby accorded to the above mentioned project at a total cost of **Rs. 4591400/- (Rs.** Forty Five Lakh Ninety One Thousand Four Hundred **Only)** with break-up of **Rs. *1500000/-* under Capital (Non-recurring) head** and **Rs.*3091400/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4591400/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Digital Rotary Evaporator -> Digital Polarimeter	1500000
A'	*Total (Non-Recurring)*	***1500000***
B	**Recurring Items**	

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1	Recurring - I : (Manpower)	1164000
	Recurring - II : (Consumables, Travel, Contingencies)	1500000
	Recurring - III : Scientific Social Responsibility	10000
2	Recurring - IV : (Overhead Charges)	417400
B'	*Total (Recurring)*	***3091400***
C	**Total cost of the project (A' + B')**	***4591400***

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1500000/-** (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 1037000/-** (Rupees Ten Lakh Thirty Seven Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

This release is being made under Core Research Grant. (PAC Organic Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **11 March, 2019** and vide Diary No. **SERB/F/12177/2018-2019** dated **12 March, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 2537000/-** (Rupees Twenty Five Lakh Thirty Seven Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details

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given below:

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Account Name	Registrar, Tezpur University
Account Number	30448821505
Bank Name & Branch	State Bank of India State Bank of India, Main Branch, Lake Road, Tezpur, Sonitpur, Assam-784001
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	sajalkdas@gmail.com

11. The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. CRG/2018/003021 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

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(Dr. Arvind Chaudhary)

Scientist C

serb.chem.oc@gmail.com

To,

Under Secretary

SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Sajal Kumar Das** **Chemical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email:** sajalkdas@gmail.com **Mobile: 919706060219** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)

Scientist C

serb.chem.oc@gmail.com

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[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

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8

FILE NO. MTR/2018/000308

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 12-Mar-2019

Financial Sanction of the research project titled **"A study of controllability of Navier-Stokes ...es with Navier Boundary conditions"** under the guidance of **Dr. Rajib Haloi, Mathematics, ...(niversity , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** - Release of 1st

...n of **Science and Engineering Research Board (SERB)** is hereby accorded to the above ...ded fellowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a ...n of 36 months.

...ms of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given ...:

Budget Head	Amount	Total (in Rs.)
Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
Overheads	Rs. 20,000/- per annum	60,000
Total Cost		**6,60,000**

...ction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty ...sand only) to **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first ...ment of the grant for the year 2018-2019 for implementation of the said research project.

...e expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)** ...release is being made under MATRICS - PAC Mathematical Science**

...e Sanction has been issued to with the approval of the competent authority vide Diary No. ...SF/12082/2018-2019** dated **11 March, 2019**

...ction of the grant is subject to the conditions as detailed in Terms & Conditions available at ...ite (www.serb.gov.in).

...Purpose for which grants can be used are detailed at website (www. ...serb.gov.in/matrix.php).

...y one international travel is allowed during the tenure of the project.

...rhead expenses are meant for the host Institute towards the cost for providing infrastructural ...ties and general administrative support etc. including benefits to the staff employed in the ...t.

...per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning ...rity/audit whenever the institute is called upon to do so.

...e release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by ...der Secretary of the SERB and will be disbursed by means of RTGS transaction as per their ...details given below:

...t Name	Registrar, Tezpur University
...t Number	30448821505
...Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam 784001
...TGS Code	SBIN0000195
...ddress of PI	rajib.haloi@gmail.com
...e of A/C Holder	biren@tezu.ernet.in
...ddress of concerned officer	ms_ms@serbonline.in

...Institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an ...d statement of accounts pertaining to the grant immediately after the end of each financial

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year.

12. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interes thus earned will be treated as credit to the institute to be adjusted towards further installment of th grant.

13. The File no. MTR/2018/000308 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by t Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

K.K.

(Dr. Magesh K
Scientis
ms_ms@serbonline

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Rajib Haloi** **Mathematics** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-78401** **Email: rajib.haloi@gmail.com** **Mobile: 918876531540** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

K.K.

(Dr. Magesh K
Scienti
ms_ms@serbonlin

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...(General)
...ment of India
...istry of Science & Technology
Department of Science & Technology

...of Sanction Letter

(10)

Technology Bhavan
New Mehrauli Road
New Delhi- 110 016
Dated: 13.03.2019

ORDER

Sub: **Financial assistance for the Consortium Mode Proposal under the Indian Heritage in Digital Space (IHDS) of Interdisciplinary Cyber Physical Systems (ICPS) Programme of the Department of Science & Technology (DST), GOI, New Delhi.**

PI: **Prof. Santanu Chaudhury, Director, Indian Institute of Technology (IIT)-Jodhpur, NH 65, Surpura Bypass Rd, Karwar, Rajasthan.**

Sanction of the President is hereby accorded for the Consortium mode proposals under the ...ndian Heritage in Digital Space (IHDS) of ICPS Programme of DST consisting of 17 R&D projects ...a total cost of **₹. 1275.551 Lakhs** (Rupees Twelve Crore Seventy Five Lakh Fifty Five Thousand ...ne Hundred only) i.e. **₹. 534.900 Lakhs (Rupees Five Crore Thirty Four Lakh Nine ...thousand only)** under non-recurring head and **₹. 740.651 Lakhs (Rupees Seven Crore Forty Lakh Sixty Five Thousand One Hundred only)** under recurring head to Indian Institute of ...Technology (IIT)-Jodhpur, Rajasthan for a duration of 36 months. Year wise break-up of the ...recurring grant of **₹. 740.651 Lakhs** to all the 17 R&D projects is given at **Annexure-B**.

Sl No	PI, Affiliation & Project Title	Budget (Rupees in Lakhs)			
		1st year	2nd year	3rd year	Total
1.	**PI: Dr. Bhabatosh Chand, ISI Kolkata** Digital Restoration and Reconstruction of Indian Heritage Artefacts with Focus on Murals, Manuscripts and Sculptures using Big Data Technology	12.2	12.2	11.064	35.464
2.	**PI: Dr. Chetan Arora**, IIT-Delhi Generating and Rendering Virtual Models of Indian Heritage Archaeological Sites from Head Mounted and Drone Mounted Cameras	14.88	14.88	15.74	45.5
3.	**PI: Dr. Siddhartha Chaudhuri**, IIT-Mumbai Recreating Digital Heritage in Augmented Realty	6	6	6.36	18.36
4.	**PI: Dr. S Indu**, DTU Delhi Development of frame work for imaging, restoring and archiving inscription and manuscript	6.64	5.94	6.347	18.927
5.	**PI: Dr. S.C. Bose, CEERI-Pilani** Development of Technologies for Environmental Audio and Aroma Digitization and Recreation for Indian Heritage Sites	16.6	14.6	14.39	45.59
6.	**PI: Dr. M.B.Rajani, IISc-Bangalore** Historical water systems in the extended landscape of Malaprabha River Valley	10.4	10.15	8.62	29.17

R/Sharma

...Contd/-

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7.	**PI: Dr. Sukumar Nandi**, IIT-Guwahati Archiving, Modelling and Visualization of the Eco-Cultural Heritage of the Majuli River island of Assam	16.7	16.7	16.1	49.5
	Dr. ~~Rajib Kumar Bhattacharjya~~, **Tezpur University**	7.9	6.9	7.37	22.17
8.	**PI: Dr. Shiva Ji, Mizoram University** Creating Digital Heritage of Representative Architectural Marvels from Each State of North East India	13.2	13.2	13.06	39.46
9.	**PI: Dr. Prof. Bharath Shekar, IIT-Mumbai** Digital reconstruction of ancient Indian engineering via machine learning	13.73	13.53	14.564	41.824
10.	**PI: Dr. Anindya Sinha**, IISc-Bangalore Early fusion music: Cross-cultural musical exchanges in colonial India from the late 18th to the early 20th century	12.8	11.1	12.04	35.94
11.	**PI: Dr. Avinash Sharma**, IIIT-Hyderabad Computational Imaging and Visualization of Traditional Indian Dance Performances	11.3	11.3	12.24	34.84
12.	**PI: Dr.Sundaresh**, CSIR-NIO- Goa Relocating underwater archaeological structures off Dwarka to generate data for digitization	29.8	24.8	25.1	79.7
13.	**PI: Dr. Subodh Kumar**, IIT-Delhi Virtual immersion in under water sites	30.518	18.568	19.514	68.6
14.	**PI: Prof. Subhasis Chaudhuri**, IIT-Mumbai Haptic Rendering of Underwater Digital Heritage	21.42	11.22	12.166	44.806
15.	**PI: Prof. Rajagopalan A. N, IIT-Madras** Underwater Image Processing and Computer Vision	10.2	9.7	10.56	30.46
16.	**PI: Dr. Uma Mudenagudi, KLET University.** Crowdsourcing Framework for Digital Archiving and Presentation of Cultural Heritage	13.8	13.8	13.74	41.34
17.	**PI: Prof. Santanu Chaudhury**, Indian Institute of Technology (IIT)-Jodhpur. IHDS Co-ordination Project	20	20	19	59
	Total	**268.088**	**234.588**	**237.975**	**740.651**

2. The sanction of the President is also accorded to the release of **Rs. 1,70,00,000/- (Rupees One Crore Seventy Lakh only)** being the first installment of grant under "General Component" for implementation of the above mentioned project. Indian Institute of Technology (IIT)-Jodhpur, in turn shall release the 1st installment to each project to the component institutes as mentioned against each project and as per details given in the **Annexure-C** within seven days from the date of receipt of funds from DST as per the bank details for electronic transfer of funds through RTGS.

... Contd/-

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Dr. Bhabatosh Chanda, Professor, Electronic & communication science unit, ISI, 203, B.T.Road, Kolkata, 700108.
The Registrar, Indian Institute of Technology-Delhi (IIT-D), Hauz Khas, New Delhi-110016.
Dr. Chetan Arora, Associate Professor, IIT Delhi, Hauz Khas, New Delhi-110016..
Registrar, Indian Institute of Technology (IIT)-Bombay, Powai, Mumbai-400 076, Maharashtra.
Dr. Siddhartha Chaudhuri, Institute Chair Assistant Professor, Department of Computer Science and Engineering, Indian Institute of Technology (IIT)-Bombay, Powai, Mumbai-400 076, Maharashtra.
Registrar, Delhi Technological University (DTU), Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042.
Dr. S Indu, Associate Professor, Delhi Technological University (DTU), Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042.
Director, Central Electronics Engineering Research Institute, Pilani, Rajasthan 333031.
Dr. S.C. Bose, Chief Scientist, CSIR- Central Electronics Engineering Research Institute, Pilani, Rajasthan 333031.
Registrar, Indian Institute of Science (IISc) Campus, Bengaluru, 560012, Karnataka.
Dr. M.B.Rajani, Assistant Professor, Indian Institute of Science (IISc) Campus, Bengaluru, 560012.
Director, Indian Institute of Technology (IIT) Guwahati, Guwahati- 781039.
Dr. Sukumar Nandi, Professor, Centre for Linguistic Science and Technology Guwahati, Indian Institute of Technology (IIT) Guwahati, Guwahati- 781039, Assam.
Registrar, Tezpur University, Napaam, Tezpur, Assam 784028
Dr. ~~Rajib Kumar Bhattacharjya~~, Tezpur University, Napaam, Tezpur, Assam 784028
Registrar, Mizoram University, Aizawl, Mizoram 796004.
Dr. Shiva Ji, Assistant Professor, Mizoram University, Aizwal 796004, India.
Dr. Prof. Bharath Shekar, Assistant Professor, Department of Earth Sciences, Indian Institute of Technology (IIT)-Bombai, Powai, Mumbai-400 076, Maharashtra.
Dr. Anindya Sinha, Professor, Indian Institute of Science (IISc) Campus, Bengaluru, 560012, Karnataka.
Director, International Institute of Information Technology (IIIT) DLF Building, Professor CR Rao Rd, Gachibowli, Hyderabad, Telangana 500032.
Dr. Avinash Sharma, Assistant Professor, 2nd floor, kohli Research Block, International Institute of Information Technology (IIIT) DLF Building, Professor CR Rao Rd, Gachibowli, Hyderabad, Telangana 500032.
Director, CSIR-National Institute of oceanography, Goa, Dona Paula, Goa 403004.
Dr. Sundaresh, Principal Technical Officer, Marine Archaeology Unit, CSIR-National Institute of oceanography, Goa, Dona Paula, Goa 403004.
Dr. Subodh Kumar, Professor, Indian Institute of Technology-Delhi (IIT-D), Hauz Khas, New Delhi-110016.
Prof. Subhasis Chaudhui, Professor, Department Of Electrical Eng, Indian Institute of Technology (IIT)-Bombai, Powai, Mumbai-400 076, Maharashtra.
Registrar, Indian Institute of Technology (IIT)-Madras, Chennai-600 036, Tamil Nadu.
Prof. Rajagopalan A. N., Professor, Dept. of Electrical Engineering, Indian Institute of Technology (IIT)-Madras, Chennai-600 036, Tamil Nadu.
Registrar, KLE Technological University, BVB campus, Hubballi -580031, Karnataka
Dr. Uma Mudenagudi, Professor, School of Electronics Engineering, KLE Technological University, BVB campus, Hubballi -580031, Karnataka.
Head, ICPS, DST.
Protection folder.

(Dr. Rajeev Sharma)
Scientist E

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Office of the Registrar
Receipt No. 0759
Date 10/05/19
Received by B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

File No.8-118/RIFD/RPS-NER/Policy-1/2018-19

Date: 14 March 2019

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: **Release of a sum of Rs.2043900/- being the 1st installment of the total grant of Rs.2075000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.**

Sir,

This is to convey the sanction of the Council for payment of **Rs.2043900/-(Rupees Twenty Lakh FourtyThree Thousand Nine Hundred Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2075000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Utpal Kumar Das** **Civil Engineering**
III	Grant-in-aid Sanctioned	:	**Rs.2075000/-** (Rs.1764000/- for non-recurring and Rs.311000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2043900/- [(Rs.1764000/- Full amount of non-recurring) + (Rs.279900 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**A study on response of geocell reinforced soil foundation under static and cyclic loading**

Terms and conditions

I. **General:**

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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II. Disbursement of grant-in-aid to the Institute

6. First instalment comprising 100% of the non-recurring grant with 90%of sanctioned recurring grant is being released with this letter. The remaining 10%of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial years (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head wise.

III. Utilization of grant-in-aid

7. The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.

8. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The Institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.

9. The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.

10. Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at https://doe.gov.in/order-circular/general-financial-rules2017).

11. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.

12. The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.

13. Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.

14. Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of `Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

15. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -

i) Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.

ii) Documents to be submitted within one month of completion of each financial year.

a) Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
b) Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
c) Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
d) Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
e) Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

iii) Documents to be submitted within two month of completion of the Project.

a) Consolidated Utilization Certificate (UC), duly audited.
b) Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
c) Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
d) Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

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Request for Recast / Additional grant

No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

Constitution of Project Evaluation Committee

(a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

Others:

The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed of or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

List of approved **equipment:** **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. Registrar / **Director / Principal,**
Tezpur University
Napaam, Tezpur, **Sonitpur, Assam-784028**

2. Utpal Kumar Das
Tezpur University
Napaam, Tezpur, **Sonitpur, Assam-784028**

3. **Office of Director General of Audit**
General Revenues, AGCR Building
I.P. Estate, **New Delhi-110002.**

4. Guard File

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No.: **File No.8-136/RIFD/RPS-NER/Policy-1/2018-19** **Date: 14 March 2019**

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: **Release of a sum of Rs.1690000/- being the 1st installment of the total grant of Rs.1710000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.**

Sir,

This is to convey the sanction of the Council for payment of **Rs.1690000/-(Rupees Sixteen Lakh Ninety Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1710000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Swarnajyoti Patra** **Computer Sci. & Engg.**
III	Grant-in-aid Sanctioned	:	**Rs.1710000/-** (Rs.1510000/- for non-recurring and Rs.200000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.1690000/- [(Rs.1510000/- Full amount of non-recurring) + (Rs.180000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Methods for the automatic generation of attribute profiles form hyperspectral data**

Terms and conditions

I. **General:**

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank/Current Account	30448821505	SBIN0000195

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Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. Regsitrar / Director / Principal,
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

2. Dr. Swarnajyoti Patra
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.

4. Guard File

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

File No.8-142/RIFD/RPS-NER/Policy-1/2018-19

Date: 14 March 2019

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: **Release of a sum of Rs.2121000/- being the 1st installment of the total grant of Rs.2186000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.**

This is to convey the sanction of the Council for payment of **Rs.2121000/-(Rupees TwentyOne Lakh TwentyOne Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2186000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Soumik Roy** **Electronics & Communication Engg.**
III	Grant-in-aid Sanctioned	:	**Rs.2186000/-** (Rs.1536000/- for non-recurring and Rs.650000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2121000/- [(Rs.1536000/- Full amount of non-recurring) + (Rs.585000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Design and implementation of low cost hybrid aquaponics system**

Terms and conditions

General:

The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.

The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.

The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.

The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.

The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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Request for Recast / Additional grant

No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

Constitution of Project Evaluation Committee

(a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

Others:

The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

List of **approved equipment:** **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

Regsitrar / **Director / Principal,**
Tezpur University
Napaam, **Tezpur, Sonitpur, Assam-784028**

Soumik Roy
Tezpur University
Napaam, **Tezpur, Sonitpur, Assam-784028**

Office of **Director General of Audit**
General Revenues, **AGCR Building**
I.P. Estate, **New Delhi-110002.**

Guard **File**

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Office of the Regd
Dipt No 0154
Received by 10/05/19
B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

File No.8-140/RIFD/RPS-NER/Policy-1/2018-19

Date: 14 March 2019

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: **Release of a sum of Rs.2462500/- being the 1st installment of the total grant of Rs.2500000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.**

Sir,

This is to convey the sanction of the Council for payment of **Rs.2462500/-(Rupees TwentyFour Lakh SixtyTwo Thousand Five Hundred Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2500000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Jiten Ch. Dutta Electronics & Communication Engg.**
III	Grant-in-aid Sanctioned	:	**Rs.2500000/-** (Rs.2125000/- for non-recurring and Rs.375000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2462500/- [(Rs.2125000/- Full amount of non-recurring) + (Rs.337500 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Fabrication characterization and modeling of CNT based high dielectric enzymatic field effect crearinine biosensor (CNT-C-ENFET)**

Terms and conditions

1. **General:**

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank/Current Account	30448821505	SBIN0000195

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Disbursement of grant-in-aid to the Institute

6. First instalment comprising 100% of the non-recurring grant with 90%of sanctioned recurring grant is being released with this letter. The remaining 10%of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial years (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

7. The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.

8. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.

9. The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.

10. Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at https://doe.gov.in/order-circular/general-financial-rules2017).

11. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.

12. The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.

13. Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.

14. Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhj.

IV. Submission of mandatory documents by the Institute / PI:

15. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -

i) Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.

ii) Documents to be submitted within one month of completion of each financial year.

a) Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
b) Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
c) Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
d) Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
e) Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

iii) Documents to be submitted within two month of completion of the Project.

a) Consolidated Utilization Certificate (UC), duly audited.
b) Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
c) Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
d) Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

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Request for Recast / Additional grant

No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

I. Constitution of Project Evaluation Committee

8. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

II. Others:

9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

10. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

11. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

12. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

13. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

III. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)
18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Jiten Ch. Dutta**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.

4. **Guard File**

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10/05/19
B.B
Received by

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

(2)

Letter No.: **File No.8-137/RIFD/RPS-NER/Policy-1/2018-19** Date: **14 March 2019**

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.2250000/- being the 1st installment of the total grant of Rs.2300000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.2250000/-(Rupees TwentyTwo Lakh Fifty Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2300000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Rupam Kataki Energy**
III	Grant-in-aid Sanctioned	:	**Rs.2300000/-** (Rs.1800000/- for non-recurring and Rs.500000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2250000/- [(Rs.1800000/- Full amount of non-recurring) + (Rs.450000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Catelitic Conversion of Biomass derived 2,5- dimethyl furan to value added Petro Chemical p-xylene**

File No. D e&y, RID
Received by

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank/Current Account	30448821505	SBIN0000195

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(1)

V. Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Rupam Kataki**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
   General Revenues, AGCR Building
   I.P. Estate, New Delhi-110002.

4. **Guard File**

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Office of the Registrar
Receipt No 0760
Date 10/05/19
Received by B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No.: **File No.8-103/RIFD/RPS-NER/Policy-1/2018-19**

Date: 14 March 2019

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.2462500 /- being the 1st installment of the total grant of Rs.2500000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.2462500/-(Rupees TwentyFour Lakh SixtyTwo Thousand Five Hundred Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2500000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

Serial No... 264 ... Date of Receipt 13/5/2019 ... File No. DRIFD/RPS ... Received by ...

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Brijesh Srivastava** **Food Engineering & Technology**
III	Grant-in-aid Sanctioned	:	**Rs.2500000/-** (Rs.2125000/- for non-recurring and Rs.375000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2462500/- [(Rs.2125000/- Full amount of non-recurring) + (Rs.337500 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Non-thermal Pulsed-Light processing of fresh-cut fruits of NE India: A Novel hurdle approach for predicting enhanced Shelf-Life and nutritional quality**

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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V. Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Brijesh Srivastava**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.

4. **Guard File**

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Annexure-1

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj
New Delhi-110070

Ref. No.: 8-103/RIFD/RPS-NER/POLICY-1/2018-19

Name of the Principal Investigator & Dept./Course	:	Dr. Brijesh Srivastava Food Engineering & Technology
Name of the Institution	:	Tezpur University Napaam, Tezpur, Sonitpur, Assam-784028
Title of the Project	:	Non-thermal Pulsed-Light processing of fresh-cut fruits of NE India: A Novel hurdle approach for predicting enhanced Shelf-Life and nutritional quality

Approved Items of Expenditure (Non-Recurring)

Sl. No.	Approved Items (As per Expert Committee Recommendation)	No. of Units	Amt. Recommended
1	High Energy Pulsed Light R&D System	01	2025000
2	Laser Power Energy Monitor	01	100000
		Total	**2125000**

(Dileep N Malkhede)
Advisor (RIFD)

18 MAR 2019

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Office of the Registrar
Letter No. 0762
Date 10/05/19
Received by B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No: File No.8-101/RIFD/RPS-NER/Policy-1/2018-19 **Date: 14 March 2019**

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.2462500 /- being the 1st installment of the total grant of Rs.2500000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.2462500/-(Rupees TwentyFour Lakh SixtyTwo Thousand Five Hundred Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2500000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Manuj Kumar Hazarika Food Engineering & Technology**
III	Grant-in-aid Sanctioned	:	**Rs.2500000/-** (Rs.2125000/- for non-recurring and Rs.375000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2462500/- [(Rs.2125000/- Full amount of non-recurring) + (Rs.337500 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Solar greenhouse drying system for the production of 'No-Cooking' rice from Assam and product quality modeling durng storage**

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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V. Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Manuj Kumar Hazarika**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
   General Revenues, AGCR Building
   I.P. Estate, New Delhi-110002.

4. **Guard File**

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Annexure-I

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj
New Delhi-110070

Ref. No.: 8-101/RIFD/RPS-NER/POLICY-1/2018-19

Name of the Principal Investigator & Dept./Course	:	Dr. Manuj Kumar Hazarika Food Engineering & Technology
Name of the Institution	:	Tezpur University Napaam, Tezpur, Sonitpur, Assam-784028
Title of the Project	:	Solar greenhouse drying system for the production of 'No-Cooking' rice from Assam and product quality modeling durng storage

Approved Items of Expenditure (Non-Recurring)

Sl. No.	Approved Items (As per Expert Committee Recommendation)	No. of Units	Amt. Recommended
1	Solar Greenhouse Drying System	01	300000
2	Exhaust Fans	02	50000
3	A set of one Load Cell and one Ottawa Cell	01	300000
4	Rapid Viscosity Analyzer	01	1250000
5	Temperature sensor cum controller	01	25000
6	Hot water bath	01	100000
		Total	**2025000**

(Dileep N Malkhede)
Advisor (RIFD)

18 MAR 2019

Scanned by TapScanner

Office Receipt No 016
Date 10/05/19
Received by B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No.: **File No.8-102/RIFD/RPS-NER/Policy-1/2018-19** **Date: 14 March 2019**

① Dean R&D / for info
② F.O.

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.2079000 /- being the 1st installment of the total grant of Rs.2110000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.2079000/-(Rupees Twenty Lakh SeventyNine Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.2110000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Nandan Sit** **Food Engineering & Technology**
III	Grant-in-aid Sanctioned	:	**Rs.2110000/-** (Rs.1800000/- for non-recurring and Rs.310000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.2079000/- [(Rs.1800000/- Full amount of non-recurring) + (Rs.279000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Ultrasound Assisted Rapid Immobilization of Pectinase on solid Support for Juice Clarification**

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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II. **Disbursement of grant-in-aid to the Institute**

6. First instalment comprising 100% of the non-recurring grant with 90%of sanctioned recurring grant is being released with this letter. The remaining 10%of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial years (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. **Utilization of grant-in-aid**

7. The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.

8. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.

9. The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.

10. Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at https://doe.gov.in/order-circular/general-financial-rules2017).

11. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.

12. The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.

13. Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.

14. Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of `Member Secretary AICTE' payable at New Delhi.

IV. **Submission of mandatory documents by the Institute / PI:**

15. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -

i) **Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.**

ii) **Documents to be submitted within one month of completion of each financial year.**

a) Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
b) Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
c) Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
d) Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
e) Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

iii) **Documents to be submitted within two month of completion of the Project.**

a) Consolidated Utilization Certificate (UC), duly audited.
b) Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
c) Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.
d) Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

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V. Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
    (b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Nandan Sit**
   Tezpur University
   Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
   General Revenues, AGCR Building
   I.P. Estate, New Delhi-110002.

4. **Guard File**

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3

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No.: **File No.8-127/RIFD/RPS-NER/Policy-1/2018-19** Date: **14 March 2019**

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.1685000/- being the 1st installment of the total grant of Rs.1750000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.1685000/-(Sixteen Lakh Eighty Five Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1750000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal** **Tezpur University,** **Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Partha Pratim Dutta** **Mechanical Engineering**
III	Grant-in-aid Sanctioned	:	**Rs.1750000/-** (Rs.1100000/- for non-recurring and Rs.650000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.1685000/- [(Rs.1100000/- Full amount of non-recurring) + (Rs.585000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Design Development and performance testing of solar dryer for drying of garcinia pedunculata with thermal energy storage**

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

Scanned by TapScanner

Office of the Registrar
Receipt No 0751
Date 10/05/19
Received by B.B

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070,

Ref. No. File No.8-127/RIFD/RPS-NER/Policy-1/2018-19

Date: 14 March 2019

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub: Release of a sum of Rs.1685000/- being the 1st installment of the total grant of Rs.1750000/- for conduct of Project under Research Promotion Scheme for the North East Region (RPS-NER) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs.1685000/-(Sixteen Lakh Eighty Five Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1750000/-** for conduct of a Project under the Research Promotion Scheme For North East Region (RPS-NER), as per details given below:-

I	Name and address of the Beneficiary Institution (University / College / Institution)	:	**Director / Registrar / Principal Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028**
II	Principal Investigator's Name & Dept./Course	:	**Dr. Partha Pratim Dutta Mechanical Engineering**
III	Grant-in-aid Sanctioned	:	**Rs.1750000/-** (Rs.1100000/- for non-recurring and Rs.650000/- for recurring expenditure)
IV	Grant-in-aid Released as 1st instalment during the year 2018-19	:	Rs.1685000/- [(Rs.1100000/- Full amount of non-recurring) + (Rs.585000 /-90 % of recurring sanctioned)]
V	Duration	:	3 Years
VI	Title of the Project	:	**Design Development and performance testing of solar dryer for drying of garcinia pedunculata with thermal energy storage**

Date of Receipt 13/5/2019
File No. Dean R/D
Received by

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of Tezpur University, Napaam, Tezpur, Sonitpur, Assam-784028 through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

Institute PAN No.	Bank Name	Bank Branch	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	State Bank of India	Tezpur Main Branch	Lake Road, Tezpur, Sonitpur, Assam-784001	Registrar, Tezpur University	Saving Bank	30448821505	SBIN0000195

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(1)

V. Request for Recast / Additional grant

16. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

17. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee

18. (a) The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.
(b) Mid-term review of Project will be done by AICTE.

VII. Others:

19. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

20. RPS-NER project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

21. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

22. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

23. The institute should strictly observe all the terms & conditions contained in the Scheme under RPS-NER.

VIII. List of approved equipment: **As per Annexure-1**

Yours sincerely,

(Dileep N. Malkhede)
Advisor (RIFD)

18 MAR 2019

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal,**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

2. **Dr. Partha Pratim Dutta**
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

3. **Office of Director General of Audit**
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.

4. **Guard File**

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File No.DST/CSRI/2017/335 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

(18)

Technology Bhavan
New Mehrauli Road
New Delhi-110 016
Dated 14.03.2019

ORDER

Sub: Financial approval of the project under Cognitive Science Research Initiative (CSRI) entitled "***A stimulus appraisal-based study on motivation affect in L2 learning at the tertary level with reference to engineering students learning English as an L2 in Assam***"

PI: Dr Sarat Kumar Doley Assistant Professor, Department of English and Foreign Languages Tezpur University Napaam Sonitpur, Tezpur-784028 Assam.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 28,44,200/-** (Rupees Twenty Eight Lakh Forty Four Thousand Two Hundred only) for a duration of three years. The detailed breakup of the grant for General (**Rs 24,44,200/-**) as well as Capital (**Rs 4,00,000/-**) Components are given below

Sl. No.	Heads	1st Year	2nd Year	3rd Year	Total
A.	*Non-Recurring* (Capital Items)				
	Equipment- Computer-2, Short Throw Projector, Manual Projector Screen, Printer, Video camera, Tripod stand, Voice recorder Digital sound system, Digital camera	4,00,000/-	----	----	4,00,000/-
B.	*Recurring* (General)				
	Fellowship RA 1 @ Rs 35,000/-PM +HRA @ 10%	6,60,000/-	6,60,000/-	4,75,200/-	17,95,200/-
	Project Assistant for 2 years @14,000/- +HRA @ 10%			50,000/-	2,00,000/-
	Consumables	75,000/-	75,000/-	30,000/-	1,80,000/-
	Contingencies	40,000/-	30,000/-	30,000/-	1,00,000/-
	Travel	40,000/-	30,000/-	80,000/-	2,49,000/-
C.	Overhead	89,000/-	80,000/-		
D.	**Total of Recurring Grant (B+C)**	**9,04,000/-**	**8,75,000/-**	**6,65,200/-**	**24,44,200/-**
E.	**GRAND TOTAL (A+D)**	**13,04,000/-**	**8,75,000/-**	**6,65,200/-**	**28,44,200/-**

2 Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project etc **Recruitment of JRF will be done as per OM No. SR/S9/Z-09/2012 dated 21.10.2014.**

3 Sanction of the grant is subject to the conditions as detailed in website www.dst.gov.in

4 Sanction of the President is accorded to the payment of **Rs 9,04,000/-** (Rupees Nine Lac Four **Thousand only**) under Grant-in-aid General to the **Registrar, Tezpur University, Tezpur-784028 Assam** being first installment of grant for the year 2018-2019 for implementation of the said research project

5 The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards, interest and other earnings against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

6 This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

7 The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS

Contd p/ 2

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8 If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant

9 The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant

(b) While submitting Utilization Certificate/Statement of Expenditure the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017 Subsequent release of grant under the project shall be considered only on receipt of the said document

10 DST reserves sole rights on the assets created out of grants Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST

11 The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST) whenever the organization is called upon to do so as laid down under Rule 236(1) of General Financial Rules 2017

12 PIA will employ EAT submodule while accounting for grant receipts and its expenses

13 Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project For example "Authors acknowledge Department of Science and Technology Government of India for financial support vide Reference No. ..... under Cognitive Science Research Initiative (CSRI) to carry out this work."

14 Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017

15 The expenditure involved is debatable to:

Demand No 84	Department of Science & Technology
3425	Other Scientific Research (Major Head)
60	Others (Sub-Major Head)
60 200	Assistance to other Scientific Bodies (Minor Head)
68	Science and Technology Institutional and Human Capacity Building (Sub Head)
68 00	Science and Technology Institutional and Human Capacity Building
68.00.31	Grants-in-aid General for the year 2018-2019 (Voted)

This release is being made Science and Technology Institutional and Human Capacity Building Scheme.

(**Previous** Research & Development Support 3425.60.200.25.01.31)

16 The amount of **Rs 9,04,000/- (Rupees Nine Lac Four Thousand only) as recurring grant** will be drawn by the Drawing and Disbursing Officer of the Department of Science & Technology and will be disbursed to the **Registrar, Tezpur University, Tezpur-784028, Assam** by means of electronic transfer as per the details given below:

Institute Name: Tezpur University Tezpur
Bank name : State Bank of India
Account No. : 30448821505
Branch : Tezpur
IFSC Code : SBIN0000195

17 As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **107** in the register of grant maintained in the **Research & Development.**

18 This issues with the concurrence of IFD Vide their Concurrence Dy No/**5117**/2018-19 dated 06.02.2019

(Vandana Singh)
Scientist-E

Copy forwarded for information and necessary action to:-

1 The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002
2 Copy with two spare copies of the sanction to the DDO, DST Cash Section
3 The Registrar, Tezpur University Tezpur-784028, Assam.
4 Dr Sarat Kumar Doley, Assistant Professor, Department of English and Foreign Languages, Tezpur University Napaam, Sonitpur Tezpur-784028 Assam
5 Pay & Accounts Officer, DST New Delhi
6 Sanction Folder
7 IFD DST New Delhi

(Vandana Singh)
Scientist-E

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14 March 2019

Office of the Registrar
Receipt No 0765
Date 10/05/19
Received by BB

Serial No. 259
Date of Receipt 13/5/19
File No. D244/RID

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-India.org

MODROBS - Sanction Letter

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj,
New Delhi - 110070

Sub: Release of a sum of **Rs. Thirteen Lakh Fourty Five Thousand/-** being the **Grant-in-Aid** under **Modernization and Removal of Obsolescence Scheme (MODROB)** for the year **2017-18** payable during the current financial year 2018-19- reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1345000/-(Rupees Thirteen Lakh Fourty Five Thousand Only) as1st installment / final payment out of the total approved grant-in-aid of Rs. 1345000 for completion of MODROB on Modernization of Automobile / Internal Combustion Engine Laboratory.
in **TEZPUR UNIVERSITY SONITPUR Pin No - 784028 Assam**, under the Scheme Modernization and Removal of Obsolescence Scheme (MODROB).

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the Institute through RTGS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The sanctioned amount is debitable to the Major Head 601.4(a) Gen. of the Scheme of Modernization and Removal of Obsolescence Scheme (MODROB) and is valid for payment during the financial year 2018-19.

The instructions/guidelines to be followed by University/Institution

I. **Release of funds and maintenance of accounts**

a. The Principal of the institute and the Coordinator of the project are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	STATE BANK OF INDIA	Tezpur	Lake Road, Tezpur, Sonitpur, Assam	M/ Tezpur University Revenue	Saving Account	30448821505	SBIN0000195

In case of any omission the same should be reported to AICTE immediately.

b. The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F. No. 9-40 /RIFD/MODROB/Policy-1/2017-18 dated _____ issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.

c. Funds covered by this grant shall be kept separately and would not be mixed up with other funds.

d. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be

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utilized only on approved items of expenditure. (list enclosed).

f. Any change in the equipments recommended/sanctioned shall not be acceptable in any circumstances.

g. Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds.

h. The institute/University shall not charge any overheads on this project and will provide all the administrative support completion of the project.

i. The accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

a. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.

b. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

c. 100% grant of the sanctioned amount will be released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.

d. To self financed/Pvt. Institutions 80% of the sanctioned amount will be released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

iii. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program :-

(i) The **Annual Progress Report (APR)** in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion.

(ii) The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.

(iii) **Project Completion Report (PCR)** in the prescribed format along with the copies of invoice/bills for the equipments purchased and copy of stock entry register where entry of the equipments have made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council. Photocopies of formats are enclosed

b A complete Status Report of the project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.

c. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

d. The university/institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of MODROB project. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the MODROB Project shall invite a penalty of 10% of the total sanctioned amount of the MODROB Project, to be deducted from the balance amount of 2nd installment. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year.

e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the Institution (Chairperson)

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(ii) Coordinator of the project (Member Secretary).
(iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

V. General Instructions

a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.

b. The duration of the project is for two years from the date of release of grant. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time no further extension will be granted in any case and institute has to refund the entire amount to AICTE. The request for reimbursement of 20% of remaining amount in case of private institution shall be made with UC and other related documents in such a way that the entire project is completed in the prescribed period of two years.

c. If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be returned to AICTE, by way of a demand draft in favour of Member Secretary, AICTE, New Delhi.

d. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No.9-40/RIFD/MODROB/Policy-1/2017-18 in your future correspondence.

e. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.

f. The University / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.

g. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All India Council for Technical Education.

h. GoI GFR rules should be followed during utilization of grant. URL address http://doe.gov.in/orders-circular/GFR.

V. List of Equipments approved :

S.No.	Name of Equipment
1.	Actual Cut Section of Chassis 4 Stroke, 4 Cylinder, Petrol Engine
2.	Mock Layout of Car Wiring
3.	Ignition System of an Automobile
4.	Fuel Supply System of Petrol Engine
5.	Lubrication System of an Automobile
6.	Air Brake Actual Working
7.	Automobile Lab/Workshop Tools and Equipment's
8.	Computerized Petrol Engine Test Rig
9.	Diesel Engine Test Rig

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Dated: 15 March 2019

Serial No... 258
Date of Receipt 13/5/2019
Dean, R/D

Office of Receipt No 0764
10/05/19
Received by BB

F.No 8-52/RIFD/RPS/Policy-1/2017-18

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

RPS - Sanction Order

① Dean R&D / for info
② F.O.

To

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub : Release of a sum of Rs. 1083500/- being the 1st installment of the total grant of Rs. 1100000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 1083500/-(Rupees Ten Lakh Eighty Three Thousand Five Hundred only)** as 1st installment out of a total approved grant-in-aid of **Rs. 1100000/-** for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	**Name and address of the Beneficiary Institution (University / College / Institution)**	:	TEZPUR UNIVERSITY NAPAAM TEZPUR - 784 028 DISTRICT : SONITPUR ASSAM, INDIA SONITPUR TEZPUR- 784028
II.	**Principal Investigator's Name & Dept./Course**	:	Dr. DEBENDRA BARUAH ENERGY TECHNOLOGY
III.	**Grant-in-aid Sanctioned**	:	Rs. 1100000/-(Rs. 935000/- for non-recurring and Rs. 165000 /- for recurring expenditure)
V.	**Grant-in-aid Released as 1st instalment during the year 2018-19**	:	Rs. 1083500/- [(Rs. 935000/- Full amount of non-recuring)+(Rs. 148500/-90 % of recurring sanctioned)]
V.	**Duration**	:	3 Years
VI.	**Title of the Project**	:	Design and Development of an all-purpose smart biogas reactor for household applications

Terms and conditions

General:

1. The sanctioned grant-in-aid is debitable to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.

2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of TEZPUR UNIVERSITY through RTGS/PMFS.

3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.

5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PFMS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant: -

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Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAJT2654F	STATE BANK OF INDIA	Tezpur	Lake Road, Tezpur, Sonitpur, Assam	Registrar, Tezpur University	Saving Account.	30448821505	SBIN0000195

II. Disbursement of grant-in-aid to the Institute

1. First installment comprising 100% of the non-recurring grant with 90%of sanctioned recurring grant is being released with this letter. The remaining 10%of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial years (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

1. The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.

2. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.

3. The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.

4. Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at https://doe.gov.in/order-circular/general-financial-rules2017-0).

5. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.

6. The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.

7. Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.

8. Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

1. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -

(i) **Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.**

(ii) **Documents to be submitted within one month of completion of each financial year.**

a. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.

b. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.

c. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.

d. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the

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Dated: 15 March 2018

F.No.2-52/RPS/Policy-1/2017-18

PI & Head of the institution.

c. Stock entry register duly verified by the Director of Stores and PI & counter signed by Head of institution.

(iii) Documents to be submitted within two months of completion of the Project.

a Consolidated Utilization Certificate (UC), duly signed.

b Duly signed statement of expenditure mentioning head-wise break up of expenditure made from the grant-in-aid provided by the Council.

c Project Completion Report duly signed & stamped by PI & Head of the institution with PEC recommendation.

d Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovation-recognitions

V. Request for Recast / Additional grant:

1. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.

2. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee:

1 The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly watch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.

VII. Others:

1. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

2. RPS project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.

3. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

4. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.

5 The institute should strictly observe all the terms & conditions contained in the Scheme details under AICTE AOIS 2017-18.

VIII. List of approved equipments :

S.No.	Name of sanctioned equipment(s)
1	GEOTECH Biogas 5000 Portable Biogas Analyser with Gas analysis software
2	GEOTECH Biogas 5000 Portable Biogas Analyser with Gas analysis softwaretech meter cum data logger
3	pH controller with regulated pumping of chemical
4	Temperature data logger
5	Temperature controller
6	Cutting Mill SM 200
7	PIC Microcontroller, GSM module, LCD display, PIC Kit programmer, MPLaB,
8	Mixer cum grinder
9	Gas compressors and accessories
10	Prefabricated conventional biogas reactor

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Dated: 15 March 2019

F.No 8-52/RIFD/RPS/Policy-1/2017-18

Yours sincerely,

Dileep N. Malkhede
Advisor (RIFD)

Copy forwarded for information and necessary action to:

1. **Regsitrar / Director / Principal**
   Dr. Biren Das
   TEZPUR UNIVERSITY
   NAPAAM
   TEZPUR - 784 028
   DISTRICT : SONITPUR
   ASSAM, INDIA SONITPUR
   TEZPUR- 784028

2. **Name and Address of Principal Investigator**
   Dr. DEBENDRA BARUAH
   TEZPUR UNIVERSITY
   NAPAAM
   TEZPUR - 784 028
   DISTRICT : SONITPUR
   ASSAM, INDIA SONITPUR
   TEZPUR- 784028

3. **OFFICE OF DIRECTOR GENERAL OF AUDIT**
   GENERRAL REVENUES, AGCR BUILDING
   I.P. ESTATE, NEW DELHI- 110002

4. **Guard File**

AQIS Application Id: 1-3569212971

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FILE NO. MTR/2018/000157

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket 5, Vasant Kunj
New Delhi-110070

(17)

Dated 15-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "**A study on exact generating functions and congruences for partition functions associated to Ramanujan's mock theta functions and other related functions.**" under the guidance of **Prof. Nayandeep Deka Baruah, Mathematical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		**6,60,000**

Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty thousand only) to **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)** **This release is being made under MATRICS - PAC Mathematical Science**

The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/12322/2018-2019** dated **14 March, 2019**

Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

Purpose for which grants can be used are detailed at website (www. http://serb.gov.in/matrix.php).

Only one international travel is allowed during the tenure of the project.

Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

Account Name	TEZPUR UNIVERSITY R & D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam, PIN 784001
IFSC RTGS Code	SBIN0000195
Email address of PI	nayan@tezu.ernet.in
Email id of A/C Holder	registrartu@tezu.ernet.in
Email address of concerned officer	ms_ms@serbonline.in

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11.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The File no. MTR/2018/000157 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted, acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Magesh K K)
Scientist C
ms_ms@serb...

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Prof. Nayandeep Deka Baruah** **Mathematical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: nayan@tezu.ernet.in** **Mobile: 917002760501** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Magesh K K)
Scientist C
ms_ms@serbonline.in

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No BT/HRD/NBA/39/15/2018-19
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2 (6-8th Floors),
Block-3 (4-5 Floors)
CGO Complex, Lodi Road,
New Delhi – 110 003.

Dated: 18.03.2019

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the Project titled "**Efficient Oil recovery as conventional energy using smart graphitic nanocomposite"** by **Dr. Pritam Deb,** Professor, Advanced Functional Materials Laboratory, Department of Physics, Tezpur University, Nappam, Tezpur- 784028 at a total cost of Rs. 15.00 lakh (Rupees fifteen lakh only) as a part of his National Bioscience Award for Career Development 2017 & 2018 to **The Registrar, Tezpur University, Napaam, Tezpur, Assam-784028** on the terms and conditions detailed here under:-

2.0 The Project

2.1 Project Title: **"Efficient Oil recovery as conventional energy using smart graphitic nanocomposite"**

2.2 Project Investigator:

Dr. Pritam Deb,
Professor,
Advanced Functional Materials Laboratory,
Department of Physics,
Tezpur University, Nappam, Tezpur- 784028

2.3 Project Objectives:

- To prepare composite of two dimensional (2D) graphitic carbon nitride (C_3N_4)/graphene sheet and 1D chain like Iron nickel ($FeNi_3$) structure.
- To make the 2D g-C_3N_4@$FeNi_3$ nanocomposite oleophilic and hydrophobic in nature.
- To check the efficiency of crude oil adsorption using this magnetic nanocomposite and subsequent extraction of oil
- To check the reusability of the used nanocomposite in oil extraction.
- To check the purity of the water after oil removal, for its natural use.

2.4 Time Schedule

The duration of the project is 3 years from the date of this sanction order.

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2.5 Project cost and equipment

The project is sanctioned at a total cost of Rs. 15.00 lakh at the rate of Rs. 5.00 lakh p year for three years. The grant may be utilized towards equipment, consumable domestic travel, engaging manpower (as per norms issued by DST/Institute norms) a contingency expenditure to be incurred in connection with the implementation of t project.

2.6. Execution of Memorandum of Agreement

A Memorandum of Agreement (MOA) is to be executed between DBT and gran organization on Non-judicial stamp paper of Rs.100/-in enclosed format and seco release/installment will be made only after signing of MOA by grantee organizat and its acceptance by DBT. In case of NGO or private organization signing of MO mandatory before first release.

3. Budget Head

The expenditure involved is debitable to:

Demand No. 85	: **Department of Biotechnology**
3425	: Other Scientific Research 2018-19
3425.60	: Others (Sub Major Head)
3425.60.200	: Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	: Biotechnology Research and Development,
3425.60.200.29.17	: Assistance for Research and Development
3425.60.200.29.17.31	: Grants in Aid General

4. **The Registrar, Tezpur University, Napaam, Tezpur, Assam-784028,** would responsible for submission of Statements of Expenditure (S/E) and utilization certific (U/C) to DBT in respect of grants released against this sanction order from time to tim

5. As per Rule 236(1) of GFR 2017, Audit of accounts- The Accounts of the gran institution shall be open to inspection by the sanctioning authority/ audit, both by t Comptroller and Auditor General of India under the provision of CAG (DPC) Act 19 and internal audit by the Principal Accounts Office of the Ministry or Departme whenever the Institution or Organisation is called upon to do so.

6. The Institute/Agency will keep the whole of the grant in a Bank Account earni interest, and the interest so earned should be reported to DBT in the Utilisati Certificate and Statement of Expenditure. The Interest so earned will be treated created to the institute/Agency and shall be adjusted towards further instalment of t grant and or at the time of Final Settlement of Accounts

7. The other terms and conditions of this sanction are attached at Annexure-I.

8. No international travel will be undertaken from the sanctioned project grant.

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9. This issues under the powers delegated to this Department and with the concurrence of IFD vide their **SAN No.102/IFD/SAN/5141 /2018-19 dated-17.03.2019.**

10. This sanction order has been noted at Serial No.71 in the Register of Grants.

(Dr. Kakali Dey Dasgupta)
Scientist "E"

To,

The Pay & Accounts Officer
Department of Biotechnology
New Delhi – 110 003.

Copy forwarded for information/ necessary action to:-

1. The Principal Director of Audit (Scientific Departments), AGCR Building, IP Estate, New Delhi – 110 002.
2. Cash Section, DBT (2 copies)
3. The Registrar, Tezpur University, Napaam, Tezpur, Assam-784028
4. Dr. Pritam Deb, Professor, Advanced Functional Materials Laboratory, Department of Physics, Tezpur University, Nappam, Tezpur- 784028
5. IFD, DBT
6. Sanction Folder

(Dr. Kakali Dey Dasgupta)
Scientist "E"

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13

FILE NO. ECR/2018/002481

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated 22-Mar-2019

ORDER

Subject: Financial Sanction of the research project titled "**Ecohygrological assessment of eutrophicated water bodies – monitoring algal blooms (algal toxins), water quality and developing techniques to reduce eutrophication**" under the guidance of Dr. Nayanmoni Gogoi, Environmental Science, Tezpur University , Distt. sonitpur p.b no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2621920/-** (**Rs.** Twenty Six Lakh Twenty One Thousand Nine Hundred and Twenty **Only**) with break-up of **Rs. *640800*/- under Capital (Non-recurring) head** and **Rs.*1981120*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2621920/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Water Sampler, Vertical, Clear Polycarbonate X 2.2 Liters -> Binocular light Microscope with tube camera -> Standard Secchi Disc 20 cm diameter -> EnSpire™ Multimode Plate Reader -> Planton Net Mesh Size ≤25-50 µm	640800
A'	*Total (Non-Recurring)*	***640800***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 405000 35000
2	Recurring - IV : (Overhead Charges)	284000
B'	*Total (Recurring)*	***1981120***
C	**Total cost of the project (A' + B')**	**2621920**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 640800/-** (Rupees Six Lakh Forty Thousand Eight Hundred only) under 'Grants for creation of capital assets' and **Rs. 709200/-** (Rupees Seven Lakh Nine Thousand Two Hundred only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **20 March, 2019** and vide Diary No. **SERB/F/12651/2018-2019 dated 22 March, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1350000/-** (Rupees Thirteen Lakh Fifty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R & D**
Account Number	**30448821505**

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Bank Name & Branch	STATE BANK OF INDIA MAIN BRANCH TEZPURLAKE ROADTEZPURSONITPURASSAM-784001PHONE NO. 03712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	nayanmoni@tezu.ernet.in

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2018/002481 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Prahlad Ram)
Scientist C
prahlad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Nayanmoni Gogoi** **Environmental Science** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: nayanmoni@tezu.ernet.in** **Mobile: 918011036065** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

22.03.219

(Dr. Prahlad Ram)
Scientist C
prahlad@serb.gov.in

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FILE NO. MTR/2018/000352

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated 26-Mar-2019

ORDER

ubject: Financial Sanction of the research project titled "**On Algebraic Connectivity and Laplacian pectral Radius of Graphs**" under the guidance of **Dr. Debajit Kalita, Mathematical Sciences, Tezpur niversity , Napaam tezpur, Sonitpur, Assam-784028** - Release of 1st grant.

anction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above entioned fellowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a uration of 36 months.

he items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given elow:

S. No	Budget Head	Amount	Total (in Rs.)
	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost		**6,60,000**

Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty housand only) to **Tezpur University, Napaam Tezpur** being the first installment of the grant for the ear 2018-2019 for implementation of the said research project.

The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
his release is being made under MATRICS - PAC Mathematical Science

. The Sanction has been issued to with the approval of the competent authority vide Diary No. **ERB/F/12552/2018-2019** dated **20 March, 2019**

. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at ebsite (www.serb.gov.in).

. Purpose for which grants can be used are detailed at website (www. http://serb.gov.in/matrix.php).

. Only one international travel is allowed during the tenure of the project.

. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural acilities and general administrative support etc. including benefits to the staff employed in the roject.

. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR MAIN BRANCH MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM 784001, 03712220592
IFSC/RTGS Code	SBIN0000195
Email address of PI	kdebajit@tezu.ernet.in
Email id of A/C Holder	registrartu@tezu.ernet.in
Email address of concerned officer	ms_ms@serbonline.in

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11.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of grant.

13. The File no. MTR/2018/000352 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to the in all publications, patents and any other output emanating out of the project/program funded by Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Magesh
Scient
ms_ms@serbonli

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Debajit Kalita** **Mathematical Sciences** **Tezpur University , Napaam tezpur, Sonitpur, Assam-784028** **Email: kdebajit@tezu.ernet.in** **Mobile: 919854149391** (Start date of the project may be intimated by name to the undersigned. For guidan terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Napaam Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Magesh
Scient
ms_ms@serbonlin

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(10)

FILE NO. ECR/2018/002773

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Subject: Financial Sanction of the research project titled "**In vitro studies to investigate the therapeutic approach of editing the defective exon 3 of the human CHST6 gene associated with Macular Corneal Dystrophy through the CRISPR-Cas9 technology** " under the guidance of Dr. Suryaprakashgoud Ponnam, DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

ORDER Dated 26-Mar-2019

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4594832/-** (Rs. Forty Five Lakh Ninety Four Thousand Eight Hundred and Thirty Two **Only**) with break-up of **Rs. *1800000*/- under Capital (Non-recurring) head** and **Rs.*2794832*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4594832/-** has been approved are given below:

S. No	Head	
A	**Non-recurring**	**Total (in Rs.)**
1	Equipment -> Pipette set (volume adjustable) -> BOD Microbiological incubator -> Co2 incubator -> Gradient Thermal cycler with accessories -> pH meter -> Water bath (variable temperature) -> refrigerated centrifuge	1800000
A'	*Total (Non-Recurring)*	***1800000***
B	**Recurring Items**	
	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 1100000 20000
	Recurring - IV : (Overhead Charges)	417712
B'	*Total (Recurring)*	***2794832***
C	**Total cost of the project (A' + B')**	**4594832**

anction of the **SERB** is also accorded to the payment of **Rs. 1800000/-** (Rupees Eighteen Lakh only) under nts for creation of capital assets' and **Rs. 835500/-** (Rupees Eight Lakh Thirty Five Thousand Five Hundred) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Distt. Sonitpur No.72 Napaam, Tezpur** being the first installment of the grant for the year 2018-2019 for implementation of said research project.

ie expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

release is being made under Early Career Research Award. (EC Life Sciences)

e Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the oval of the competent authority under delegated powers on **20 March, 2019** and vide Diary No. **B/F/12880/2018-2019** dated **26 March, 2019**

ction of the grant is subject to the conditions as detailed in Terms & Conditions available at website v.serb.gov.in).

head expenses are meant for the host Institute towards the cost for providing infrastructural facilities eneral administrative support etc. including benefits to the staff employed in the project.

le providing operational flexibility among various subheads under head Recurring-II, it should be ensured ot more than Rs. 1.5 lakh each should be spent for travel and contingency.

per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit ver the institute is called upon to do so.

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9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB

10. The release amount of **Rs. 2635500/-** (Rupees Twenty Six Lakh Thirty Five Thousand Five Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA SBI, MAIN BRANCH, TEZPUR LAKE ROAD, TEZPUR, ASSAM.
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**surya.bio1@gmail.com**

11.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2018/002773 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Suryaprakashgoud Ponnam** **DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: surya.bio1@gmail.com** **Mobile: 919401287555** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

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GOVERNMENT OF ASSAM
DIRECTORATE OF ECONOMICS AND STATISTICS
BELTOLA, GUWAHATI – 781028

No. DES.3/2018/SSS/Tech/ 96 Dated Guwahati the 4th April, 2019

From : Shri K. K. Nath, ISS,
Director of Economics and Statistics, Assam,
Beltola, Guwahati-28

To : The Head,
Department of Business Administration,
Tezpur University.Assam.Tezpur-784028

Mrinmoy K Sarma
Professor,
Department of Business Administration
Tezpur University

Sub : Execution of Deed of Agreement.

Sir,

With reference to the subject above, I would like to inform you that the State Implementation Committee Meeting on Support for Statistical Strengthening (SSS) Scheme held in the Transformation and Development, Government of Assam, Dispur on 02-03-2019 has approved the study i.e. "Development of a Tourism Convenience Index for the major Tourism Destination in the State (with limited data collection)" at the estimate of **Rs.25.60 lakhs** for conducting by your organization. Before starting the work a deed of agreement needs to be executed between the Directorate of Economics and Statistic, Assam and Department of Business Administration,Tezpur University.

You are, therefore, requested to depute the Competent Authority of your Organization to the Office of the Directorate of Economics and Statistics, Assam, Jawaharnagar, Guwahati-28 to execute the deed of agreement on 8th April, 2019 at 11:00 AM positively. The approved draft agreement is enclosed for your perusal.

Yours Faithfully,

04.04.19

(K.K.Nath,ISS),
Director of Economics and Statistics, Assam,
Beltola, Guwahati-28

Memo No.DES.3/2018/SSS/Tech/ 96-A Dated Guwahati the 4th April, 2019

Copy to:-
The P.S to the Principal Secretary to the Govt. of Assam, Transformation and Development Department ,Dispur for kind information of the Principal Secretary.

Director of Economics and Statistics, Assam,
Beltola, Guwahati-28

Prof. M.K. Sarma is deputed on behalf of the dept. to sign the MOU

5/4/19
Head

(46)

Administrative Order
Appl. No. BMB/2017/7

No. BT/PR25668/NER/95/1278/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 06/11/2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: **"Development of novel rationally designed ferrocene, glucose and folic acid conjugated lanthanide(III), iron(III) and cobalt(III) complexes as antibacterial and theranostic anticancer agents"** for a period of 3 Year 0 Month at a total cost of Rs. **10049480** (Rupees One Crore Forty Nine Thousand Four Hundred and Eighty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Development of novel rationally designed ferrocene, glucose and folic acid conjugated lanthanide(III), iron(III) and cobalt(III) complexes as antibacterial and theranostic anticancer agents"**

2.2 Details of the Investigators:

Project Coordinator

Dr. Akhtar Hussain
Assistant Professor
Department of Chemistry, Handique Girls' College,
Panbazar, Guwahati- 781001, Assam

Principal Investigators:

Dr. Akhtar Hussain
Assistant Professor
Department of Chemistry, Handique Girls' College,
Panbazar, Guwahati-781001, Assam

Dr. Kandarpa Kr Saikia

Associate Professor
Department of Biengineering and Technology,
Gauhati University Institute of Science and Technology,
Gauhati University, Guwahati - 781014, Assam

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Dr. **Venkatasatish** kumar **Mattaparthi**
Assistant Professor
Department of Molecular Biology and Biotechnology,
Tezpur University,
Tezpur - 784028, Assam

CO-PI:

Dr. **Tapan Thakuria**
Assistant Professor
Department of Chemistry, Handique Girls' College,
Panbazar, Guwahati - 781001, Assam

Prof. **Manab Deka**
Professor
Department of Biengineering and Technology,
Gauhati University Institute of Science and Technology, Gauhati University,
Guwahati - 781014, Assam

Dr. **Suman Dasgupta**
Assistant Professor
Department of Molecular Biology and Biotechnology, Tezpur University,
Tezpur - 784028, Assam

2.3 Objectives:

Institute wise Objectives:

Gauhati University Institute of Science and Technology

1. Pre-screening for toxicity of the compounds
2. To study the in vitro antibacterial and anticancer activity of the complexes
3. Comparison with non-conjugated drugs as controls and standard drugs available in the market
4. To study the mechanism of antibacterial and anticancer activity of the compounds
5. Study of the cellular localization behaviour (cellular imaging) of the emissive complexes by confocal microscopy
6. To carry out in vivo antibacterial and anticancer studies depending upon successful in vitro results.

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Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Handique Girls' College				
Equipment	1350000.00			1350000.00
Manpower	431520.00	431520.00	487200.00	1350240.00
Overhead	40000.00	40000.00	40000.00	120000.00
Travel	50000.00	50000.00	50000.00	150000.00
Consumables	100000.00	300000.00	280000.00	680000.00
Contingency	40000.00	40000.00	40000.00	120000.00
Total (Rs.)	**4211520.00**	**861520.00**	**897200.00**	**3970240.00**
2. Gauhati University Institute of Science and Technology				
Manpower	431520.00	431520.00	487200.00	**1350240.00**
Overhead	30000.00	30000.00	30000.00	**90000.00**
Travel	30000.00	30000.00	40000.00	**100000.00**
Consumables	150000.00	150000.00	150000.00	**450000.00**
Contingency	30000.00	30000.00	40000.00	**100000.00**
Total (Rs.)	**671520.00**	**671520.00**	**747200.00**	**2090240.00**
3. Tezpur University				
Equipment	1815000.00			**1815000.00**
Manpower	0.00	0.00	0.00	**0.00**
Overhead	50000.00	2000.00	2000.00	**54000.00**
Travel	20000.00	20000.00	20000.00	**60000.00**
Contingency	20000.00	20000.00	20000.00	**60000.00**
Total (Rs.)	**1905000.00**	**42000.00**	**42000.00**	**1989000.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

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No.DS-2B-13013(2)/2/2019-Sec.2
भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
***

Antariksh Bhavan,
New BEL Road,
Bengaluru - 560 094.

April 23, 2019

Pro-Vice Chancellor,
The ICFAI University Tripura,
Campus: Kamalghat,
Mohanpur,
West Tripura – 799 210.

Sir,

Sub: **Grant-in-aid - SSPO**- Release of grant for the new project entitled "**Investigation of the accretion flow properties of black hole binaries with AstroSat**" - reg.

***

I am directed to convey the sanction of the President to a grant of ₹5,24,000/- (Rupees Five lakh twenty four thousand only) to meet the expenditure towards the new project entitled "**Investigation of the accretion flow properties of black hole binaries with AstroSat**" by The ICFAI University, Tripura.

2. The amount of ₹5,24,000/- (Rupees Five lakh twenty four thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.

3. The grant-in-aid sanctioned shall be subject to the terms and conditions as mentioned in the Annexure enclosed.

4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support

....2/-

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6. The expenditure involved is debitable to the Head "3402.00.103.20.00.31- Space Research-Space Sciences-Space Science Promotion- GIA-General" Under Grant No.91, "Department of Space" for the FY 2019-2020.

Yours faithfully,

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Scientific Secretary, CBPO, ISRO Hq., Bengaluru
2. Director, SSPO, ISRO Hq., Bengaluru
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
4. The Director, O/o the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹5,24,000/- (Rupees Five lakh twenty four thousand only) in favour of **"Pro-Vice Chancellor, The ICFAI University, Tripura"** on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Shri. V Girish, Programme Manager, SSPO, ISRO Hq., Bengaluru
10. Dr. Biplob Sarkar, The ICFAI University Tripura, Campus: Kamalghat, Mohanpur, West Tripura – 799 210.

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

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21

2019 Research Project 1

नारियल विकास बोर्ड

(कृषि मंत्रालय, भारत सरकार), केरा भवन, कोची - 682 011, भारत

COCONUT DEVELOPMENT BOARD

(Ministry of Agriculture & Farmers Welfare, Government of India)
Kera Bhavan, SRVHS Road, Kochi – 682 011, India
Email:cdbtech@gmail.com, Web:www.coconutboard.nic.in

फैक्स Fax : 91-484-2377902
टेलिग्राम Telegram:KERABOARD
दूरभाष Telephones
अध्यक्ष Chairman : 2375216
मु.का.वि.अ. CCDO : 2375999
निदेशक Director : 2375237
सचिव Secretary : 2377737
कार्यालय Office : 2376265
2377266

फा.सं F.No.1345/2018 TMoC दि. Date: 29.04.2019

सेवा में To
Dr. Ramaprasad T.R.
Scientist
Dept. of Biochemistry
CSIR-Central Food Technological Research Institute
Mysuru 570 020

विषय Sub: :Project titled "Processing of coconut milk, development of beverage from curcumin enriched nanoemulsiified coconut milk (partially defatted) coconut" reg:-

महोदय Sir,

With reference to the above subject, it is to inform you that an amount of **Rs. 22,17,500 /-** (Rupees Twenty two lakh seventeen thousand five hundred only) (**Rs. 8,80,000/-** to CFTRI, Mysore & **Rs. 13,37,500/-** to Tezpur University, Tezpur) has been transferred to account of CSIR – CFTRI, Mysore & Tezpur University, Tezpur towards the 1st installment of the financial assistance by PFMS from Board's A/c No.57067323910 on 27.03.2019. A copy of the PFMS generated payment advice is enclosed herewith for reference. Kindly ensure the credit of the amount in the account and start the project as per the MoA.

A copy of the signed MoA is attached herewith for your kind perusal. Kindly acknowledge the receipt of fund.

भवदीय Yours faithfully,

उप निदेशक Deputy Director

Encl: - as above

Copy for information to:
Prof. Charu Lata Mahanta, Dept. of Food Engineering & Technology, School of Engineering, Tezpur University, Tezpur-784028.

नारियल पानी पियो लाइफ खुलके जियो

Charu lata Mahanta

35

ANNEXURE-I

Item-Wise Details of Grant-In-Aid Sanctioned by PAC/ Chairman, CDB:

Sl. No	Requirements	Amount (Lakh) 1st year	2nd year
1	Non recurring expenses –Tezpur University (equipment)	4,52,148	-
2	Recurring Expenses		
	1. Tezpur University	8,05,000	8,05,000
	2. CFTRI	8,00,000	8,00,000
3	Institutional Charges		
	1. Tezpur University	80,500	80,500
	2. CFTRI	80,000	80,000
4	Sub- Total	22,17,648	17,65,500
5	Total	39,83,148	

First Party-Sponsor
CDB
सचिव
Secretary
नारियल विकास बोर्ड
COCONUT DEVELOPMENT BOARD
भारत सरकार / Govt. of India
कोची / Kochi-11

Second Party-Sponsoree
CSIR -CFTRI- Mysore

Tezpur University

Charu Lata Mahanta

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी 781 039, असम, भारत
Indian Institute of Technology Guwahati,
Guwahati 781 039, Assam, India.

Phone Nos.: +91-361- 258 2082
Fax No. : +91-361- 258 2089
e-mail : dornd@iitg.ernet.in

Office of Dean Research and Development Section

(12)

as
and Development & the
ECBH Programme

2019-20/144

Date 29-04-2019

Sanction Letter

I Name Nayan M. Kakoty
Category Eureka
Your Project ID 144
Project Title Development of A tactile sensory based grasping controller for electromyographic prosthetic hand
Duration 2.5 Years
Total Sanction amount: Rs 1599075.00

Account Head	For Principal Investigator	For CO PI IITG	For CO PI Other Institutes
Non-Recurring	200000.00	Nil	Nil
Man Power	660000.00	Nil	Nil
Consumables	265000.00	Nil	Nil
Travel	40000.00	Nil	Nil
Contingency	90000.00	10000.00	Nil
Total	1255000.00	10000.00	Nil
Over Head	125500.00	Nil	Nil
Instrument Maintenance For NECBH	208575.00		
Grand Total	1599075.00		

ncerely Yours,

pal Das

Terms and conditions

1. The principal investigator (PI) has to acknowledge project number BT/COE/34/SP28408/2018 of Department of Biotechnology (DBT), Govt. of India for the financial support.
2. Funds will be released in subsequent installation subject to satisfactory performance of the project and availability of fund.
3. The Institute/PI would furnish a Utilization Certificate and an audited statement of expenditure duly signed by the PI, the Head of the Institute and the Head of the Finance wing, pertaining to the grant at the end of each financial year as well as a consolidated statement of expenditure at the end of the completion of the project or whenever it is required.
4. The PI is not permitted to seek or utilize funds from any other organization (Government, Semi Government, Autonomous or Private) for this research project.
5. Any unspent part of amount would be surrendered to the **Research and Development Section, IITG** and carry forward of funds of the next financial year for utilization for the same project may be considered only with the specific approval of the **Research and Development Section, IITG and Department of Biotechnology (DBT)**.
6. IIT Guwahati or DBT reserves the right to terminate the grant at any stage and also to recover the amounts already paid if it is convinced that the grant has not been properly utilized or the work on the project has been suspended for any unduly long period or appropriate progress is not being made.
7. The project will become operative with effect from April 29, 2019
8. A copy of progress report has to be sent in the month of January till the completion of project or whenever it is required.
9. Travel should be used mainly for sample collection, discussion among the PIs not for other purpose. No international Travel will be undertaken from the sanctioned project grant.
10. If the Investigator to whom a grant for a project has been sanctioned leaves the institution where the project is being implemented, PI shall submit five copies of complete and detailed report of the work done by him on the project and the money spent till the date of his/her release and shall also arrange to refund the unspent balance, if any to IIT Guwahati.

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भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी 781 039, असम, भारत
Indian Institute of Technology Guwahati,
Guwahati 781 039, Assam, India.

Phone Nos.: +91-361- 258 2082
Fax No. : +91-361- 258 2089
e-mail : dornd@iitg.ernet.in

Prof Gopal Das
Dean Research and Development & the
Coordinator, NECBH Programme
IIT Guwahati
Assam 781039

Ref: NECBH/2019-20/197

Date : 29-04-2019

Office of Dean Research and Development Section

PI Name: Prof Manabendra Mandal
Category: Sunrise
Project ID: 197
Project Title: Bioconversion of organic wastes and de-oiled algal residue into biodiesel and value added products (carotenoids) using oleaginous microbes
Duration: 2 years
Total Sanction amount: 1199450.00

Sanction Letter

Head	For Principal Investigator	For CO PI IITG	For CO PI Other Institute
Non-Recurring	200000.00	NIL	NIL
Man Power	NIL	NIL	NIL
Consumables	533000.00	120000.00	NIL
Travel	40000.00	NIL	NIL
Contingency	100000.00	50000.00	NIL
Total	873000	170000.00	NIL
Overhead	NIL	NIL	NIL
Instrument Maintenance	156450.00		
Grand Total	1199450.00		

Sincerely Yours,

Gopal Das

Terms and conditions

1. The principal investigator (PI) has to acknowledge project number BT/COE/34/SP28408/2018 of Department of Biotechnology (DBT), Govt. of India for the financial support.
2. Funds will be released in subsequent installation subject to satisfactory performance of the project and availability of fund.
3. The Institute/PI would furnish a Utilization Certificate and an audited statement of expenditure duly signed by the PI, the Head of the Institute and the Head of the Finance wing, pertaining to the grant at the end of each financial year as well as a consolidated statement of expenditure at the end of the completion of the project or whenever it is required.
4. The PI is not permitted to seek or utilize funds from any other organization (Government, Semi Government, Autonomous or Private) for this research project.
5. Any unspent part of amount would be surrendered to the **Research and Development Section, IITG** and carry forward of funds of the next financial year for utilization for the same project may be considered only with the specific approval of the **Research and Development Section, IITG and Department of Biotechnology (DBT)**
6. IIT Guwahati or DBT reserves the right to terminate the grant at any stage and also to recover the amounts already paid if it is convinced that the grant has not been properly utilized or the work on the project has been suspended for any unduly long period or appropriate progress is not being made
7. The project will become operative with effect from April 29, 2019
8. A copy of progress report has to be sent in the month of January till the completion of project or whenever it is required
9. Travel should be used mainly for sample collection, discussion among the PIs not for other purpose. No international Travel will be undertaken from the sanctioned project grant
10. If the Investigator to whom a grant for a project has been sanctioned leaves the institution where the project is being implemented, PI shall submit five copies of complete and detailed report of the work done by him on the project and the money spent till the date of his/her release and shall also arrange to refund the unspent balance, if any to IIT Guwahati.

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भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी 781 039, असम, भारत
Indian Institute of Technology Guwahati,
Guwahati 781 039, Assam, India.

Phone Nos.: +91-361- 258 2082
Fax No. : +91-361- 258 2089
e-mail : dornd@iitg.ernet.in

Prof Gopal Das
Dean Research and Development & the
Coordinator, NECBH Programme
IIT Guwahati
Assam 781039
Ref: NECBH/2019-20/108

Date : 29-04-2019

Office of Dean
Developmen

Sanction Letter

PI Name: Surya Prakash Goud Ponnam
Category: Eureka
Your Project ID: 108
Project Title: Studies on genetic and epigenetic alternations on keratoconus patients from Assam, India
Duration: 2.5 Years
Total Sanction amount: Rs. 1598500.00

Account Head	For Principal Investigator	For CO PI IITG	For CO PI Other Institutes
Non-Recurring	200000.00	Nil	Nil
Man Power	360000.00	Nil	Nil
Consumables	635000.00	50000.00	Nil
Travel	40000.00	Nil	Nil
Contingency	90000.00	Nil	Nil
Total	1325000.00	50000.00	Nil
Over Head	15000.00	Nil	
Instrument Maintenance For NECBH	208500.00		
Grand Total	1598500.00		

Please, include the following as part of your project objective
1. Methylation study may be correlated with expression analysis in the same sample

Sincerely Yours,

Gopal Das

Terms and conditions

1. The principal investigator (PI) has to acknowledge project number BT/COE/34/SP28408/2018 of Department of Biotechnol y (DBT), Govt. of India for the financial support.
2. Funds will be released in subsequent installation subject to satisfactory performance of the project and availability of fund.
3. The Institute/PI would furnish a Utilization Certificate and an audited statement of expenditure duly signed by the PI, the Heac of the Institute and the Head of the Finance wing, pertaining to the grant at the end of each financial year as well as a consolidated statement of expe diture at the end of the completion of the project or whenever it is required.
4. The PI is not permitted to seek or utilize funds from any other organization (Government, Semi Government, Autonomous or Priv te) for this research project.
5. Any unspent part of amount would be surrendered to the **Research and Development Section, IITG** and carry forward of funds f the next financial year for utilization for the same project may be considered only with the specific approval of the **Research and Development Section, IITG and Department of Biotechnology (DBT).**
6. IIT Guwahati or DBT reserves the right to terminate the grant at any stage and also to recover the amounts already paid if it is convinced that the grant has not been properly utilized or the work on the project has been suspended for any unduly long period or appropriate progress is not being made.
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भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी 781 039, असम, भारत

Indian Institute of Technology
Guwahati, Guwahati 781 039, Assam, India.

Phone Nos.: +91-361- 258 2082

Fax No. : +91-361- 258 2089
e-mail : dornd@iitg.ernet.in

Office of Dean Research and Development Section

Prof Gopal Das
Dean Research and Development & the
Coordinator, NECBH Programme
IIT Guwahati
Assam 781039
Ref: NECBH/2019-20/116

Date : 29-04-2019

Re-appropriation of the project grant

PI Name: Anupam Nath Jha
Category: Eureka
Your Project ID: 116
Project Title: Search of potent inhibitors against target from L donovani (Visceral Leishmaniasis) using systems biology, virtual screening and molecular dynamics
Duration: 2.5 Years
Total Sanction amount: Rs.1524900.00

As per your request the project budget, the grant under different head had been re-appropriated as follows:

Account Head	For Principal Investigator	For CO PI IITG	For CO PI Other Institutes
Non-Recurring	275000.00	Nil	Nil
Man Power	770000.00	Nil	Nil
Consumables	Nil	50000.00	Nil
Travel	40000.00	Nil	Nil
Contingency	75000.00	Nil	Nil
Total	1160000.00	50000.00	Nil
Over Head	116000.00	Nil	Nil
Instrument Maintenance For NECBH	198900.00		
Grand Total	1524900.00		

Sincerely Yours,



Gopal Das

Terms and conditions

1. The principal investigator (PI) has to acknowledge project number BT/COE/34/SP28408/2018 of Department of Biotechnology (DBT), Govt. of India for the financial support.
2. Funds will be released in subsequent installation subject to satisfactory performance of the project and availability of fund.
3. The Institute/PI would furnish a Utilization Certificate and an audited statement of expenditure duly signed by the PI, the Head of the Institute and the Head of the Finance wing, pertaining to the grant at the end of each financial year as well as a consolidated statement of expenditure at the end of the completion of the project or whenever it is required.
4. The PI is not permitted to seek or utilize funds from any other organization (Government, Semi Government, Autonomous or Private) for this research project.
5. Any unspent part of amount would be surrendered to the **Research and Development Section, IITG** and carry forward of funds of the next financial year for utilization for the same project may be considered only with the specific approval of the **Research and Development Section, IITG and Department of Biotechnology (DBT)**.
6. IIT Guwahati or DBT reserves the right to terminate the grant at any stage and also to recover the amounts already paid if it is convinced that the grant has not been properly utilized or the work on the project has been suspended for any unduly long period or appropriate progress is not being made.
7. The project will become operative with effect from April 29, 2019.
8. A copy of progress report has to be sent in the month of January till the completion of project or whenever it is required.
9. Travel should be used mainly for sample collection, discussion among the PIs not for other purpose. No international Travel will be undertaken from the sanctioned project grant.
10. If the Investigator to whom a grant for a project has been sanctioned leaves the institution where the project is being implemented, PI shall submit five copies of complete and detailed report of the work done by him on the project and the money spent till the date of his/her release and shall also arrange to refund the unspent balance, if any to IIT Guwahati.

(6)

No.DS-2B-13013(2)/10/2019-Sec.2
भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
***

Antariksh Bhavan,
New BEL Road,
Bengaluru - 560 094.

May 02, 2019

Registrar,
Tezpur University,
Napaam – 784 028,
Tezpur.

Sir,

Sub: **Grant-in-aid - SSPO-** Release of grant for the new project entitled **"The AstroSat view on understanding the nature of synchrotron spectrum in blazars"** - reg.

***

I am directed to convey the sanction of the President to a grant of ₹6,28,000/- (Rupees Six lakh twenty eight thousand only) to meet the expenditure towards the new project entitled **"The AstroSat view on understanding the nature of synchrotron spectrum in blazars"** by Tezpur University during first year of the project.

2. The amount of ₹6,28,000/- (Rupees Six lakh twenty eight thousand only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094 on receipt of the bill.

3. The grant-in-aid sanctioned shall be subject to the terms and conditions as mentioned in the Annexure enclosed.

4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.

5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support

....2/-

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6. The expenditure involved is debitable to the Head "3402.00.103.20.00.31- Space Research-Space Sciences-Space Science Promotion- GIA-General" Under Grant No.91, "Department of Space" for the FY 2019-2020.

Yours faithfully,

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Scientific Secretary, ISRO, Bengaluru
2. Director, SSPO, ISRO Hq., Bengaluru
3. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
4. The Director, O/o the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
5. Chief Controller of Accounts, DOS
6. Senior Accounts Officer, ISRO Hq., Bengaluru
7. The Pay & Accounts Officer, Department of Space, Bengaluru - With a request to make the payment of ₹6,28,000/- (Rupees Six lakh twenty eight thousand only) in favour of **"The Registrar, Tezpur University"** on receipt of the Bill.
8. The Senior Head (Internal Audit), DOS, Bengaluru
9. Shri. V Girish, Programme Manager, SSPO, ISRO Hq., Bengaluru
10. Dr. Rupjyoti Gogoi, Department of Physics, Tezpur University, Napaam – 784 028, Tezpur.

(पूर्णिमा मनोज/Poornima Manoj)
(वरिष्ठ लेखा अधिकारी/Sr.Accounts Officer)

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5

"Rupjyoti Gogoi" <rgogoi@tezu.ernet.in>
Re: Registration of ISRO sopnsored project - regarding
Fri, May 10, 2019 11:57 pm
deanrnd@tezu.ernet.in

Serial No... 247
Date of Receipt 13/5/2019
File No. Dean, R&D

...ean,
...search & Development, Tezpur University,
...am-784028.

...r Sir,

...nks a lot for processing my application regarding registration of ISRO
...ed project.

...ll send a hard copy of the project proposal submitted to ISRO on the
... working day i.e 13th May, 2019.

... regarding the total amount, it is Rs. 16,93,056/- for a tenure of 3
...rs, which may be extended for one more year. This grant is under a
...tial scheme by ISRO to carry out scientific research using data taken
...troSat, the first indigenous Indian satellite. Therefore, most of the
...unications are via email and I will send a print copy of the email
...rding the total grant and break up. There is no sanction order
...ining the total amount and total tenure other than the email
...unication.

... ISRO has sent the sanction order only for first year grant, which was
...ched with my application dated 07/05/2019.

...efore, I request you kindly to consider the case and to do the needful.

...rs,
...yoti Gogoi,
...rtment of Physics.

... Rupjyoti Gogoi
...t. of Physics, TU

...r Madam,

...s has reference to your letter dated 07/05/2019 regarding registration
... research grant sanction by ISRO for the project entitled "The Astrosat
... on understanding the nature of synchrotron spectrum in blazars". It
...rs that the sanction order does not contain the total grant, total
...ation and break up of grant. Therefore, you are requested to comment on
... matter and provide a copy of sanction order from the funding agency
...ing the above, for record. Moreover, you are requested to submit the
... copy of the project proposal of the sanctioned project.

... regards,

... Barak
...r, R&D

...D I S C L A I M E R . . .
... e-mail may contain privileged information and is intended solely for
...dividual named. If you are not the named addressee you should not
...minate, distribute or copy this e-mail. Please notify the sender
...diately by e-mail if you have received this e-mail in error and
...ete it from your system. Though considerable effort has been made to
...ure error free e-mail messages but it can not be guaranteed to be
...e or error-free as information could be intercepted, corrupted, lost,
...royed, delayed, or may contain viruses. The recipient must verify the

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FILE NO. MTR/2018/000410

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 09-May-2019

ORDER

Subject: Financial Sanction of the research project titled "**On Pareto eigenvalue of distance matrix of connected graphs"** under the guidance of **Prof. Milan Nath, Mathematical Sciences, Tezpur University , Tezpur university napaam, tezpur sonitpur, assam (india) pin - 784028, Sonitpur, Assam-784028** - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost	.	**6,60,000**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) to **Tezpur University, Tezpur University Napaam, Tezpur Sonitpur, Assam (India) Pin - 784028** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) This release is being made under MATRICS - PAC Mathematical Science**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/344/2019-2020** dated **08 May, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Purpose for which grants can be used are detailed at website (www. http://serb.gov.in/matrix.php).

7. Only one international travel is allowed during the tenure of the project.

8. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**TEZPUR UNIVERSITY R&D**
Account Number	**30448821505**
Bank Name & Branch	**STATE BANK OF INDIA TEZPUR MAIN BRANCH, MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, ASSAM 784001**
IFSC/RTGS Code	**SBIN0000195**
Email address of PI	**milan@tezu.ernet.in**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email address of concerned officer	**ms_ms@serbonline.in**

11.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The File no. MTR/2018/000410 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Magesh K K)
Scientist C
ms_ms@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Prof. Milan Nath** **Mathematical Sciences** **Tezpur University , Tezpur university napaam, tezpur sonitpur, assam (india) pin - 784028, Sonitpur, Assam-784028** **Email: milan@tezu.ernet.in** **Mobile: 919435199096** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Tezpur University Napaam, Tezpur Sonitpur, Assam (India) Pin - 784028** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Magesh K K)
Scientist C
ms_ms@serbonline.in

STATE CHILD PROTECTION SOCIETY, ASSAM
(A Government of Assam Organisation)
46, Survey Bus Stop, Beltola, Guwahati- 28
Ph:- 0361 (2229275/ 2265385), Fax:- 0361-2229275,
Email: scpstraining.iecassam1@gmail.com website: www.scpsassam.org

No.SCPS (G) 439/2018-19/28 Dtd Guwahati the 12 May, 2019

From: **Hemen Das, ACS**
Secretary, Social Welfare cum
Member Secretary
State Child Protection Society, Assam.

Office of the Pro Vice-Chancellor
Receipt No 111
Date 24/5/19

To: **Prof. Vinod Kumar Jain**
Vice-Chancellor
Tezpur University

Sub: **Conducting Study on Child Marriage**

Sir,

Kindly recall our informal discussion on 23rd March 2019 held during the occasion of Assam Science Festival at your University, regarding collaborating with your university on the realms of child rights issues.

State Child Protection Society (SCPS), Assam is a registered Society under the aegis of the Department of Social Welfare, Government of Assam. The primary responsibility of SCPS is to roll out the National Flagship Programme of Government of India, namely the - Child Protection Services (CPS) in the State. CPS aims at providing a holistic Child Protection Mechanism both at the Preventive and Rehabilitative aspect for Children in Need of Care and Protection and Children in Conflict with Law.

State Child Protection Society, Assam would like to request your support to conduct a study on Child Marriage through your esteemed University's Social Work Department. In this regard, I would like to request you to kindly accept our proposal.

Dr C. Sarma
HoD, Social Works
for needful Pd.
24-5-2019

Yours faithfully

Member Secretary
State Child Protection Society,
Assam

Memo No. No. SCPS (G) 439/2018-19/28 Dated Guwahati the 24 May, 2019

Copy to:
1. The Addl. Chief Secretary to the Govt. of Assam, Social Welfare Department, cum Chairperson, SCPS, Assam, Dispur – 06 for kind information.

24/5/2019

Member Secretary
State Child Protection Society,
Assam

No. 642 2016/19
Dean R&D

Office of the Registrar
Receipt No 1643
Date 20/06/19
Received by ..... B.B

(1)

REGISTERED

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 01(3000)/19/EMR-II
From : Head, Human Resources Development Group

Dated : 20/05/2019

To

DR SANJEEV PRAN MAHANTA
DEPT OF CHEMICAL SC
TEZPUR UNIV
NAPAAM 784028 ASSAM

Subject : Grants-in-aid for your scheme entitled :DEVELOPMENT OF A Cu(II) MEDIATED STRATEGY FOR THE SENSING OF FLUORIDE ANION IN AQUEOUS MEDIUMw

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	1-JRF		
III	Contingency (per annum in ₹)	1st Year : 2,00,000	2nd Year : 2,00,000	3rd Year :2,00,000
IV	Equipment (lumpsum in ₹)	0		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. DG CSIR has also approved the release of the following grants for the period 01/05/2019 to 31/03/2020

No	Grants	Amount (in ₹)
I	Staff	1,32,000
II	Contingency	1,83,333
III	Equipment	0
	Total :	**3,15,333**

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. **The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.**

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Copy to :-
1. Registrar/Principal/Director Tezpur University, Napaam - 784028, Assam utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.
2. Sr F&AO(EMR) alongwith FVC for first year's grant.

AD
21/06/19

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सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
(Ministry of Human Resource Development, Govt. of India)
बहादुर शाह जफर मार्ग, नई दिल्ली - 110002
Bahadurshah Zafar Marg, New Delhi - 110002

ज्ञान-विज्ञान विमुक्तये

FD Diary No.: 259
Dated: 24.04.2019

No.F.19-237/2019(BSR)
The Under Secretary (I.D-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002

Dated: May, 2019

30 MAY 2019

Subject : **Approval cum Sanction letter for Mid-Career Award Grant to faculty / Professors of Science departments of various universities under "UGC-BSR Mid-Career Award Grant"-Release of grant for the financial year 2019-2020 under Revenue-First Installment-regarding.**

Sir/Madam.

The University Grants Commission convey its approval and allocate a sum of ₹10,00,000/- (Rupees Ten Lakh only) @ ₹10.00 Lakh to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** towards Mid-Career Award Grant to the faculty members of science departments who are continued to be in active service for augmenting of research facilities (but not as contingent grant) to further facilitate in research work under the scheme of UGC-BSR Mid-Career Award Grant.

Accordingly, I am further directed to convey the sanction of the University Grants Commission on account grant of ₹8,00,000/- (Rupees Eight **Lakh only) (80% of approved grant ₹10,00,000/- to the Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** towards Mid-Career Award Grant to Faculty Members/Professors for Science Department for the **Revenue** expenditure to be incurred during the financial year **2019-2020** as per details given below -

Name of the Scheme	Head of Account	Name of Faculty/ Professor	Name of Department	Amount Approved (₹)	Amount being release (80%) (₹)
"UGC-BSR Mid-Career Award Grant"	3 (D) 31	Prof. Swapan Kumar Dolui	Chemical Science	10,00,000/-	8,00,000/-
Total-				10,00,000/-	8,00,000/-

2. The University/Institution shall ensure that all the payments of approved items to the beneficiaries/Vendors shall be made only through the EAT module of PFMS.
3. The sanctioned amount is debitable to Head of account 3 (D) 31 and is valid for payment during the financial year 2019-2020 only.
4. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the **Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam** through Electronic mode as per the following details

a.	Details (Name & Address) of Account Holder	:	Registrar, Tezpur University, Napaam, Tezpur-784 028 Assam.
b.	Account No.	:	1699695635
c.	Name & Address of Bank Branch	:	Central Bank of India, Sohan Bhawan, Binjraj Road, Tezpur-784 001, Assam.
d.	MICR Code	:	784016002
e.	IFSC Code	:	CBIN0281346
f.	Type of Account	:	Saving

5. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
6. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.

Under Secretary
Min. of HRD

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UGC-DAE Consortium for Scientific Research
विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल
(An autonomous institution of UGC, New Delhi)
(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)
(Formerly Inter University Consortium for DAE Facilities; IUC-DAEF)

Kolkata Centre
कोलकत्ता केन्द्र

(12)

UGC-DAE-CSR-KC/CRS/19/RC16/0987

Office of the Registrar
Receipt No. 1142
Date 27/5/19
Received by

May 10, 2019

Serial No. 406
Date of Receipt 28/5/19
File No. R/D
Received by

Dr. D. Mohanta
For info.
C-L. 11 Dem, 2 RD
2 FO -
B 27/5-9

To
The Registrar
Tezpur University
PO Napaam
Tezpur-784 028
Assam

Sub: Collaborative Research Schemes (Research Project) entitled ***"Effect of energetic γ-photons and ion beams on the structural, opto-electronic and rheological property of tungsten dichalcogenide-based composites"*** of Dr. *D. Mohanta, Department of Physics, Tezpur University, PO Napaam, Tezpur-784 028, Assam*

Dear Sir/Madam

This is to inform you that based on recommendations of the Users' Committee, UGC-DAE Consortium for Scientific Research, Kolkata Centre has approved the aforecaptioned proposal for full support (research scholar, contingency, consumables and travel) as a **C**ollaborative **R**esearch **S**cheme (CRS) **w.e.f. 01.06.2019.**

It is envisaged that the research activities under this scheme be based on active academic collaboration with the respective in-house group(s) and is undertaken using the facilities outlined in the original proposal.

Terms and conditions of the sanction are outlined in Annexure-I. The other guidelines or rules stipulated by the UGC, if any, will be intimated to you accordingly.

All correspondences related to the CRS from the PI, need to be communicated to the respective Research Co-ordinator mentioned below.

Yours sincerely,

M. K. Chakraborty
Administrative Officer–I (Personnel)
Kolkata Centre of UGC DAE CSR

Copy to:

1. Dr. D. Mohanta, Department of Physics, Tezpur University, PO Napaam, Tezpur-784 028, Assam
2. Shri R P Chattopadhyay, Administrative Officer –I (Accounts), Kolkata Centre of UGC DAE CSR
3. Dr. A. Saha, Research Coordinator, Kolkata Centre of UGC DAE CSR

HO
27/5/19

कलेक्टर - एल बी, प्लोट - ८, सेक्टर - III बिधाननगर, कोलकाता-७०० १०६, इंडिया
Bidhan Nagar, Kolkata-700 106, India

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UGC-DAE CSR Kolkata Centre

(11)

ANNEXURE- I

1. In principle CRS approval has **scientific sanction for three years and financial sanction for one year.** Financial sanction will be renewed on a yearly basis subject to receipt of satisfactory progress report, utilization certificate (U.C) for the previous year & claim bill for the current.

2. Grant for fellowship is approved for one research scholar for one year. Fellowship money will be released after joining of the fellow and will commence from the date of joining of the fellow.

3. The grant of Rs.30,000/- as consumable and Rs 15,000/- as contingency has been sanctioned for one year. This shall not cover any expenses related to travel and / registration for Workshop and Conference.

4. Travel will be supported (directly From the Centre) after prior approval from the centre, and travel fund can be utilized by the project PI and Student(s)under the scheme for their visit to the Centre either for discussion or performing experiment(s) related to the project/scheme following norms of University. Travel support will be also be provided to the PI/Student(s) for participation in conferences, workshop discussion meeting, seminar etc. associated with the collaborative program within the country after obtaining prior approval from the Centre. Field trips relevant to the present scheme would be considered on a case-to-case basis, and the PI is requested to submit the details (justification, itenary, proposed measurements etc) atleast one month in advance to the respective Research Co-ordinators electronically.

5. Users of Gamma Irradiation facility (for experiments related to the sanctioned CRS) are requested to fill in and submit the enclosed from.

6. Release of the grant for fellowship and contingency is subject to **receipt of Claim –bill (TR-42, enclosed as Annexure II) and also the Utilization Certificate (UC)** duly certified by the competent authority of the University / College (such as Finance Officer, Registrar) (in the successive years) .

7. Fellow recruitment should be made by an open selection and be as per UGC guideline. The recruitment procedure to be initiated within 3 months of the commencement of the CRS and appointment to be completed within 6 months of the same. Details of designations, requirements and fellowship rates are given below.

Designation	Remuneration	Minimum Qualifications
Project Fellow	Rs 14,000/pm + HRA	**For Sciences** : 2nd Class M.Sc with a minimum of 55% marks in the subject concerned or **For Engineering** : 1st Class B.E / B.Tech degree.
	Rs 16,000/- pm + HRA	**After 2 years as a Project Fellow**, if the research work is found satisfactory on assessment (by a 3 member expert committee with an external member) with at least one research paper in a reputed journal out of the work done under the project.
Project Associate-I	Rs 25,000/- pm + HRA	**For Sciences** : 2nd Class M.Sc with a minimum of 55% marks in the subject concerned + GATE / NET-JRF / Lectureship (UGC-CSIR joint test) / SLET or **For Engineering** : M.E / M.Tech with minimum 55% marks. GATE is not a mandatory condition.
Project Associate-II	Rs 28,000/- pm + HRA	**After 2 years as a Project Associate-I**. If the research work is found satisfactory on assessment (by a 3 member expert committee with an external member) with at least one research paper in a reputed journal out of the work done under the project.

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8. All recruitment should be authorised by a Selection Committee constituted as per rules of University/institution in which the Principal Investigator is working. The advertisement should be widely circulated atleast electronically. The Selection Committee selecting a Research Scholar, under Collaborative Research Scheme (CRS) shall have a representative of this institution (To be nominated by the Centre Director). The PIs should inform the interview schedule to the Centre Director, 3 weeks in **advance**. The Centre Director would then arrange for a nominee to be present. **The appointment cannot be made if the 3 weeks notice is not given.** The Centre Director may, with the approval of Director, waive the requirement of the nominee being present. Copy of the advertisement, details of the electronic circulation, minutes of the Selection Committee, appointment letter and joining report and other relevant documents of the fellow joining should be sent to respective program coordinator of the Centre for release of fellowship grant. Fellowship money will be released only after joining of the fellow. It is preferred / recommended that the research scholar have qualified National level Ph.D entrance exam such as UGC-CSIR NET, SLET etc.

9. In all cases of appointment under the scheme, it must be mentioned in the appointment letter that the appointment is purely temporary and will terminate automatically without any notice of compensation on termination of the research scheme and the appointed person will have no claim of appointment/absorption in UGC DAE CSR, KC. An undertaking must be taken from the appointed person in this effect. Leave rules for the appointed fellow will be as per the host institution of the PI.

10. Initiation of fellowship may not coincide with the initiation of the CRS, as such one year sanction of fellowship corroborates with 12 months of fellowship to be consumed from the date of joining of the fellow.

11. **No over head charges** would be payable to the Universities/Institutions since the Consortium is not a funding Agency but is a wholly funded unit of UGC.

12. Contingency fund to be utilised for computational work, purchase of stationery and other consumables pertaining to the concerned project. **No grant is allocated for any capital Equipment /Asset.**

13. Every research scheme will be reviewed towards the end of a year. Depending on the progress of the collaborative research scheme, a decision will be taken for the sanction of funds for the next year of the project. **An annual statement of Accounts and a Certificate of Utilization of money sent for the research scheme must be sent to the respective program coordinator of the Centre of completion of each year.**

14. The draft of the manuscript pertaining to the results (either partial or complete) obtained under this support should be circulated to all the collaborators/co-authors, prior to the final submission to a journal or conference. Any publication resulting from the studies, either in a journal or for a conference abstract, may be based on detailed discussions between all the collaborators. **The publication must be in SCI (JCR) journals.**

15. Every such paper should carry the following acknowledgement "This work (part of this work) was performed under the Collaborative Research Scheme no(*) of UGC DAE Consortium for Scientific Research (use of the specific facility at the concerned institute is to be acknowledged). In addition, if the author has received help from any personnel of the Centre, he/she may acknowledge the same suitably either in the acknowledgement or as a co-author.

16. One copy of reprint of the publication should be sent to the research program coordinator.

17. *Kindly refer the reference number of the sanction letter.

DAE CSR Centre

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Sl No. 606/19
Dtd. 20/6/19

भारतीय गैर-न्यायिक

एक सौ रुपये

Rs. 100

रु. 100

ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

असम ASSAM

D 924977

Dipankar Chakraborty
Sonitpur, Assam
Regd. No. SNT-7
GOVT. OF ASSAM

NOTARIAL

KNOW ALL MEN BY THESE PRESENT THAT We the **TEZPUR UNIVERSITY** registered under the **TEZPUR UNIVERSITY** Act, **45 of 1993** by the office of **Ministry of Human Resource Development (Department of Education)**vide G.O. (Ms.) **F. 9-8/93 – Desk(U)** dated **15th January 1994** (hereinafter called the obligor / obligors) are held and firmly bound to the **National Backward Classes Finance and Development Corporation (NBCFDC) (hereinafter called the NBCFDC)** in the sum of Rs. 4,24, 200/- (in words Rupees Four Lakh, Twenty Four Thousand, Two Hundred only) well and truly to be paid to the NBCFDC on demand and without demur for which payment we bind ourselves and our SUCCESSORS and assigns by these presents.

1. SIGNED this **14th** day of **June**
in the year **Two Thousand and Nineteen 2019**

2. WHERE as the obligor has sent a request proposal to NBCFDC, for Advance of 50% of the total cost Rs. 4,24,200/- (in words Rupees Four Lakh Twenty Four Thousand Two Hundred only) vide their acceptance Letter No. **TU/Am.C/11-02** dated **10th June 2019** for Evaluation study to be conducted by the obligators; the obligors has agreed to execute this bond in advance, in favour of NBCFDC for entire amount Rs. 4,24,200/- (in words Rupees Four Lakh, Twenty Four Thousand, Two Hundred only) as requested in the proposal sent to the NBCFDC. The obligor is willing to accept the proposed amount or any other amount approved / sanctioned by the NBCFDC, whichever is less. The obligor is also willing to accept all terms and condition mentioned in the "Letter of Intent" along with Terms of Reference issued by the NBCFDC vide letter **NBCFDC/Planning/EVAL/2019-20/855** dated **22nd May 2019**.

20/6/19
NOTARY
Regd. No. SNT-7
Tezpur, Sonitpur

Registrar
Tezpur University
Napaam, Tezpur

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3. Now the condition of the above written obligation is such that if the obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction then above written bond or obligation shall be void and of no effect. But otherwise it shall remain in full force and virtue. If a part of the advance is left unspent after the expiry of the period within which it is required to be sent, the obligor agree to refund the unspent balance along with interest at the rate of 10% (ten percent) per annum. The amount of advance shall be refund along with interest earned thereon in case the Project is not commenced with 2 months of release of advance funds.

4. The Obligor(s) will

a. Abide by the conditions and the target dates, specified in the letter of intent: and
b. not divert the advances or entrust execution of the assignment or work concerned to other institution(s) or organization(s) ; and
c. abide by any other conditions specified in the agreement governing.

In the events of obligor(s) advance failing to comply with conditions or committing breach of the conditions of the bond the signatories to the bond shall be jointly and severely liable to refund to the NBCFDC, the whole or a part amount of the advantage with interest @ 10% per annum thereon. The stamp duty for this bond shall be borne by obligor.

5. AND THESE PRESENTS ALSO WITHESS THAT

i. The decision of the NBCFDC on the question whether there has been breach or violation of any terms and condition mentioned in the letter of intent and terms of references shall be final and binding on the obligors and;
ii. The obligor shall bear the stamp duty.

In witness wehereof these presents have been executed as under on behalf of the obligors and day herein above.

Signed for an on behalf of

(Signature of the obligor Association as registered)

Registrar
Tezpur University
Napaam, Tezpur

The Registrar / Authorized Signatory
Tezpur University, Napaam, Tezpur
Sonitpur - 784028. Assam

Contact No. **09435080951**

Email Address: **registrartu@tezu.ernet.in**

Auth...
of this Indem... by
the Executant who is identified by

Bijoy K. Gauriah
Addl. PP.
Advocate, Tezpur

Executed before me by the
Executants & duly authenticated

20/6/19
NOTARY TEZPUR
Regd. No- SNT-7

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(11)

Serial No... 692
Date of Receipt 27/6/2019
File No. Dean, R&D
Received by

To

The Dean R&D
Tezpur University, Napaam
Tezpur. PIN-784028

Date: 25th June, 2019

Sub: Research and development project - "A behavioral model of Ion Sensitive Field Effect Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation"

Sir

I would like to inform you that a minor research project entitled "A behavioral model of Ion Sensitive Field Effect Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation" has been granted by Assam Science Technology and Environment Council vide letter no ASTEC/S&T/192(167)/2018-19/1306 dated 02/04/2019.

In this regard, I would like to inform you that the first installment of the project Rs. 3, 29,000/- has been released (out of the total sanctioned amount of Rs.4, 70,000/-) for implementation of the project (letter no ASTEC/S&T/192(167)/2018-19/1565 dated 15/05/2019).

This is for your kind information and necessary action.

Sincerely

Dr. Santanu Sharma
Associate Professor
Department of Electronics and Communication Engineering
Tezpur University, Napaam
Tezpur. PIN-784028

Encl.

1. Copy of the letter no ASTEC/S&T/192(167)/2018-19/1306
2. Copy of the letter no ASTEC/S&T/192(167)/2018-19/1565
3. Copy of the Project proposal.

HD
PI put up & NIA M.
28/06/19

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Dr. Santanu Sharma
ECE

(18)

Office of the Registrar
Receipt No .....0264.....
Date .....22/04/19.....
Received by .....B.B.....

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL
(SCIENCE & TECHNOLOGY DEPARTMENT, GOVT. OF ASSAM)

Bigyan Bhawan
G.S. Road
Guwahati - 781 005
Assam, India

Telephone : 0361- 2464618
: 0361- 2464619
Fax : 0361- 2464617
e-mail: astec@rediffmail.com

No. ASTEC/S&T/192(167)/2018-19/ 1306 Date: 02.04.2015

From : K. Goswami
Dy. Finance & Accounts Officer
ASTE Council

To : The Registrar
Tezpur University (A central University)
Napam, Tezpur, Assam , PIN – 784028

SUB : Research & Development Project – A behavioral model of Ion Sensitive Field Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation

Ref.: Your letter No. NIL Dt. 06.09.2018

Sir,

With reference to the subject and letter mentioned above, Director, ASTE Council is pleased to sanction a sum of Rs. 4,70,000.00 (Rupees four lakh seventy thousand) only for the research project -a behavioral model of Ion Sensitive Field Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation submitted by Dr. Santanu Sharma ,Associate Professor , Department of Electronics and Communication Engineering, School of Engineering , Tezpur University, Tezpur

In this regard, you are requested to note the following points:

(i) Out of the total sanctioned amount a sum of Rs.3,29,000.00 (Rupees three lakh fifty thousand) only will be released as first installment .

(ii) The second installment of Rs.1,41,000.00 (Rupees one lakh forty one thousand) only will be released after submission of satisfactory progress reports of the work done with photographs and Utilization Certificate & Expenditure Statement along with supporting vouchers in original of the first installment.

(iii) **A BOND FOR ACCEPTING GRANT** is enclosed herewith, which is to be submitted signed with seal by the head of the institution and P.I. of the project for necessary action at our end.

Yours sincerely,

Encl.: as stated above

(K. Goswami)

Copy to : Dr. Santanu Sharma ,Associate Professor
Department of Electronics and Communication Engineering
School of Engineering , Tezpur University (A central University)
Napam, Tezpur, Assam , PIN – 784028

(K. Goswami) 2/4/19

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ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL
(SCIENCE & TECHNOLOGY DEPARTMENT, GOVT. OF ASSAM)

Bigyan Bhawan
G.S. Road
Guwahati - 781 005
Assam, India

Telephone : 0361- 2464618
: 0361- 2464619
Fax : 0361- 2464617
e-mail: astec@rediffmail.com

No. ASTEC/S&T/192(167)/2018-19/ 1565. **Date:** 15.05.2015

From : K. Goswami
Dy. Finance & Accounts Officer
ASTE Council

To : The Registrar
Tezpur University (A central University)
Napam, Tezpur, Assam , PIN – 784028

SUB : Research & Development Project – A behavioral model of Ion Sensitive Field Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation

Ref.: Your letter No. NIL Dt. 26.04.2019

Sir,

With reference to the subject and letter mentioned above, Director, ASTE Council is pleased to release a sum of Rs.3,29,000.00 (Rupees three lakh fifty thousand) only vide Ch. No. 107089 Dt. 10/5/2019, SBI GMC Br. for the research project titled a behavioral model of Ion Sensitive Field Transistor (ISFET) with spatial dependence on reference electrode and development of a hardware system for model validation submitted by Dr. Santanu Sharma , Associate Professor , Department of Electronics and Communication Engineering, School of Engineering , Tezpur University, Tezpur as 1st installment .

The 2nd installment of Rs.1,41,000.00 (Rupees one lakh forty one thousand) only will be released after submission of satisfactory progress reports of the work done of the 1st installment with photographs and Utilization Certificate & Expenditure Statement (audited) along with supporting vouchers in original of the first installment.

You are requested to acknowledge the receipt of the same.

Yours sincerely,

(K. Goswami)

Encl.: as stated above

Copy to : i.HOD
Department of Electronics and Communication Engineering
School of Engineering , Tezpur University (A central University)
Napam, Tezpur, Assam , PIN – 784028
ii.Dr. Santanu Sharma ,Associate Professor
Department of Electronics and Communication Engineering
School of Engineering , Tezpur University (A central University)
Napam, Tezpur, Assam , PIN – 784028
iii. Concern File of Division

15/5/19

(K. Goswami)

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15

Government of India
Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)

Dr. Ashok Pandey
Programme Officer (BRE)

BRNS Secretariat, 316-C,
3rd Floor,CFBC, BARC,
Trombay,Mumbai-400085
Phone:+91-02225594566
Email: ashokk@barc.gov.in

No: 58/14/09/2019-BRNS/10370

Date: 18 JUL 2019

OFFICE MEMORANDUM

Sub: **R/P entitled "Development of conducting polymer based nanocomposites for efficient detection of Mycotoxins" under Dr. Ashok Kumar, Professor, Dept. of Physics, Tezpur University, Tezpur, Napaam, Assam- 784028. bearing sanction 58/14/09/2019-BRNS with BRE, BRNS.**

On the recommendations of the Board of Research in Nuclear Sciences (BRNS), I am pleased to convey the administrative approval and sanction of the President of India for the captioned project for **3 years** beginning from financial year **2019-2020** with a total grant of **Rs. 34,35,036/- (Rupees thirty four lakh thirty five thousand thirty six only)** for the project as under :

Item of expenditure	Year 1 (2019-2020)	Year 2 (2020-2021)	Year 3 (2021-2022)
Equipments	1532118	0	0
Staff Salary - JRF	372000	372000	0
Staff Salary - SRF	0	0	420000
Consumables	80000	60000	30000
Travel - PI	20000	20000	20000
Contingencies	25000	25000	20000
Overheads	150309	33900	35250
Total(INR)	**2179427**	**510900**	**525250**

Note: * Electrospinning Unit, Potentiostat/Galvanostat/ZRA (Gamry Reference 3000, United States of America)Make: ACMAS

JRF salary calculated @31,000/- p.m. for first two years and on re-designation by committee on in third year as SRF @ 35,000/- p.m.

Please note that as per the government orders under **Direct Benefit Transfer (DBT)scheme, the staff salary has to be transferred to his/her bank account**. Accordingly, Aadhar Number(UID) of the appointed staff, Bank account details and the Mobile number linked to the bank account should be obtained and it should be intimated to this office.

Overheads calculated @ 7.5% of the other heads except contingency. The remaining 7.5% towards overheads (Rs. 2,19,459/-) shall be released only on meeting the requirements specified (See Annex-B).

I am also pleased to convey the sanction of the President of India to incur an expenditure of **Rs. 21,79,427/- (Rupees twenty one lakh seventy nine thousand four hundred twenty seven only)** towards grant for the year 2019-2020 .

The expenditure involved is debitable to: **04 3401 00 004 27 0231.**

This is issued with the concurrence of the competent authority in the Department.

Pandey
16.7.2019

Dr. Ashok Pandey

Pay & Accounts Officer, DAE, Mumbai - 400 001.

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Chartered Accountant.

d) Copy of appointment order and joining report of the staff appointed for the project along with minutes of the Selection Committee.

e) An inventory of equipment and the copy of Purchase order of equipments costing more than 1 Lakh.

D. At the end of Terminal Year the Settlement Grant and the Balance 7.5% Overheads will be released on fulfillment of the following requirements:

a) Claim Form-III if any.

b) The final Consolidated Statement of Accounts (SA) and Consolidated Utilization Certificate duly audited by an external Chartered Accountant or the Statutory (Govt.) Auditor. It is mandatory to include the amount of bank interest earned on the grant released into the SA.

c) Final Consolidated Progress Report and a brief report as per format given in Form-VII .

5. AAO (Cheque), DAE, Anushakti Bhavan, CSM Marg, Mumbai - 400 001 – With a request that the amount granted for the first year of the project may be released.
6. Member Secretary (BRE) : Dr. Surendra Singh, SSPD, BARC surendra@barc.gov.in
7. Co-Investigator (CI) : Swapan Kumar Dolui, Professor, Department of Chemical Sciences, Tezpur University, Napaam- 784028, Assam, Email : dolui@tezu.ernet.in, Mobile :9435464389
8. Project Collaborator (PC): Dr.C.A. Betty, Scientific Officer G Chemistry Division, B.A.R.C., Mumbai-85, Email : bettyca@barc.gov.in, Mobile :9324748532- **You or your nominee may please be the DAE representative for selection of Research Fellow/ Research Associate for the project.**

Pandey
16.7.2019

Dr. Ashok Pandey

Note:

Please quote the Sanction Number 58/14/09/2019-BRNS in all your correspondence with BRNS

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C-109

No. DoRD/Phy/AK/20-443/ 1342

Date: 26/08/2020

To
Dr. Ashok Pandey
Programme Officer (BRE)
Government of India, Department of Atomic Energy (DAE)
Board of Research in Nuclear Sciences (BRNS)
BRNS Secretariat, 316-C, 3rd Floor, CFBC, BARC,
Trombay, Mumbai-400085

Sub: Change of Principal Investigator due to sudden demise of registered PI– regarding.
Ref: Office Memorandum No. 58/14/09/2019-BRNS/10370 dated 18 July 2019.

Dear Sir,

With reference to the above, we would like to inform you that due to sudden demise of Prof. Ashok Kumar, Department of Physics, Tezpur University and Principal Investigator of the DAE-BRNS sponsored research project entitled "Development of conducting polymer based nanocomposites for efficient detection of Mycotoxins" on April 06, 2020, it is proposed that a new Principal Investigator for the project is necessary to continue the project. It may be mentioned here that the Co-PI of the project Prof. S.K. Dolui, Department of Chemical Sciences, Tezpur University has desired to continue as Co-PI but not as PI. In view of this, a committee was formed by the Department of Physics, Tezpur University to look into the issues related to academic matters of research scholars of Late Prof. A. Kumar. The Committee in its meeting held on 09/07/2020 has recommended Prof. Pabitra Nath, Department of Physics, Tezpur University as the Principal Investigator of the project.

In this regard, we are forwarding herewith the copies of resolution of the Committee, a certificate signed by the Head, Department of Physics, Prof. S.K. Dolui and Prof. Pabitra Nath along with the copy of e-mail from Dr. C.A. Betty, Principal Collaborator, Scientific Officer G, Chemistry Division, BARC, Mumbai dated 16/08/2020 for favour of your consideration please.

Under the circumstances, you are requested to kindly look into the matter and accord necessary approval to Prof. Pabitra Nath, Department of Physics, Tezpur University to act as the Principal Investigator of the aforementioned project, for smooth functioning of the project activities.

With regards,

Yours faithfully,

(Biren Das)
Registrar

Encl. As stated.
Memo No. No. DoRD/Phy/AK/20-443/ 1342-A

Date: 26/08/2020

Copy to:
1. Head, Department of Physics, Tezpur University.
2. Prof. Pabitra Nath, Department of Physics, Tezpur University.
3. Finance Officer, Tezpur University.

Registrar
Tezpur University

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Serial No. 1500
Dt. 13/9/2019
Deptt. R&D

অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ

(বিজ্ঞান আৰু প্ৰযুক্তি বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Department of Science & Technology, Govt. of Assam)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India

Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : www.astec.gov.in

ASTEC/S&T/1614/8/2018-19/ 1149. Dated 31.07.19

C-C.
1- Dean, R&D | for personal A.
2- F.O.

From : Dr. A. K. Misra,
Director, ASTE Council

Office of the Registrar
Receipt No 3894
Date 13/9/19
Received by

To : The Registrar,
Tezpur University, Napaam

Sub : Financial grants for the project titled, " Design of smartphone platform fluorescence microscopic system for resource poor regions" under the scheme, "Innovation, Technology Generation and Awareness" of S&T Division, ASTE Council.

Sir,

In inviting a reference to the subject as cited above, the Director, ASTE Council is pleased to sanction a sum of **Rs. 2,41,500/- (Rupees Two Lakhs Forty One Thousand Five Hundred Only)** for the aforementioned project proposal submitted by Dr. Pabitra Nath, Associate Professor, Department of Physics, Tezpur University, Principal Investigator (PI) of the project under the following heads of expenditure:

Head	Item details	1st year (in Rs.)	2nd year (in Rs.)
(i) Recurring (Contingencies)	Contingencies	15,000/-	15,000/-
	Consumables	15,000/-	15,000/-
(ii) Non-recurring (equipment)	Smartphone	1,50,000/-	
	Optical components viz fluorescence filter sets, fluorochromes, plano-convex lens, convex lens, ball lens, beam splitter, microscopic slide, pin-hole, polarizer, fluorescent beads, optical sources etc.		
(iii)Travel	Travel	10,000/-	10,000/-
	Total	1,90,000/-	40,000/-
	Overall total	2,30,000/-	
(iv)Overhead charges	5% cost of the total project	11,500/-	
Grand total		**2,41,500/-**	

Grand Total: Rs. 2,41,500/- (Rupees Two Lakhs Forty One Thousand Five Hundred Only)

AD
Fileet
16/9/19

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You are requested to note the following points:

- Out of the total sanctioned amount, a sum of Rs. 1,90,000/- (Rupees One Lakh Ninety Thousand) only will be released as first installment. The balance amount of Rs 51,500/- (Rupees Fifty One Thousand Five Hundred) only will be released after receipt of final report of the project along with the utilization certificate and expenditure statement in our prescribed format duly signed by Head of the Institution/organization and the PI and countersigned by Chartered Accountant against the total sanctioned amount. At the end of the project, the P.I has to submit 3 (three) hardbound project reports (observations, photographs, findings, evaluations, etc).
- Half yearly progress reports are to be submitted by the P.I to the Council regularly.
- All relevant books of accounts including released amount from this Council are to be maintained properly. The accounts shall be open for inspection by the sanctioning authority/audit whenever the institute/ individual is called upon to do.
- Enclosed herewith a copy of "BOND FOR ACCEPTING GRANTS". It should be signed by Head of the Institution/ organization and PI and duly submitted to the Council.
- The above mentioned project is to be completed within two years.

It is to be noted that under no circumstances the PI can avail any grants/ sanction from any other department against the aforesaid project.

The PI is requested to submit the acceptance of the grant along with "BOND FOR ACCEPTING GRANTS" and other terms and conditions mentioned above immediately so that the fund can be released accordingly.

Yours faithfully

31.07.19

(Dr. A. K. Misra)
Director, ASTE Council

Copy to:

1. Dr. Pabitra Nath, Associate Professor, Department of Physics, Tezpur University, Napaam - PI of the project.
2. Concerned file of S&T Division, ASTE Council
3. Dy. FAO, ASTE Council

(Dr. A. K. Misra)
Director, ASTE Council

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

UAC

Dr. Sundeep Chopra
Convenor - AUC

Ref:IUAC/XIII.3A/

July 31, 2019

Prof. Ashok Kumar
Department of Physics,
Tezpur University, Napaam
Assam, Pin Code: 784028

Subject: Your Application for Beam Time Allotment

Dear Prof. Kumar,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on July 05-07, 2019. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity		PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
66303	MS	Prof. Ashok Kumar Department of Physics, Tezpur University, Napaam Assam, Pin Code: 784028	Ion irradiation effects on conducting polymer@carbon nanomaterials based nanocomposites functionalized with metal (Au/Ag) nanoparticles for amperometric immunosensors for efficient detection of mycotoxins.	3 Shifts in HE	- JRF and UFR funds sanctioned subject to approval as per rules.

You are requested to kindly send a copy of the approval of inclusion of your institution/ university under section 2 (f) and 12 (b) of UGC Act and financial support under UFR will be provided after receiving the same.

As per AUC directives, a) You are requested to kindly inform about target requirements to Target Lab. and Academic Cell as soon as possible. b) The student should be recruited within six months of receiving sanction of grant from IUAC. c) All the users will abide by conflict of interest policy. The user will declare that there is no conflict of interest in the project submitted as well as in the selection of students.

Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned as nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC nominee.

You are requested to submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

(Sundeep Chopra)
E-mail: chopra.sundeep@gmail.com

पता: 10502 अरूणा आसफ अली मार्ग,
Add: No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone :011-2412 6018,22,24,25,26,29,45,46
फैक्स :/Fax : 011-24126041
वेबसाईट :/Website : www.iuac.res.in

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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

OFFICE OF THE DEAN R&D
20/1/2021
6042

IUAC/ XIII.7/UFR-66303/6837

January 21, 2021

Mr. N. Karak
Dean, Research & Development
Office of the Dean, Research & Development
Tezpur Univesity
Tezpur, Assam 784028.

OFFICE OF THE VICE CHANCELLOR
TEZPUR UNIVERSITY
Date of Receipt 20/01/21
Receipt No. 12775

Sub : Dr. D. Mohanta to act as PI in place of Late Prof. Ashok Kumar for IUAC sponsered project BTR 66303.

Dear Sir,

This is with reference to Tezpur University's Office Order (Memo No.DoRD/Phy/AK/20-44/1536-A dated 17th December, 2020 wherein permission and approval of IUAC sought for Dr.D.Mohanta, Associate Professor, Department of Physics, Tezpur University to act as the Principal Investigator of the IUAC sponsored research project No.BTR 66303 entitled "Ion radiation effects on conducting polymer @ carbon nanomaterials based nanocomposites functionlized with metal (Au/Ag) nanoparticles for amperometirc immunosensors for efficient detection of mycotoxins" in place of Late Prof. Ashok Kumar, Department of Physics, Tezpur University.

I would like to inform you that the request has been acceded by the competent authority and permission has been accorded for Dr. D. Mohanta to act as Principal Investigator for IUAC sponsored above project.

With regards,

(Dr. Sundeep Chopra)
Convener, IUC

C: 1. Head, Department of Physics, Tezpur University
2. Registrar, Tezpur University
3. Finance officer, Tezpur University
4. Dr. D. Mohanta, Associate Professor, Deptt. Of Physics, Tezpur University
5. Secretary to the Vice-Chancellor for kind information of the V.C.

Deen (R&D) / FO / Regr
HOD (Physics Dept)

कुलपति कार्यालय, ज.ने.वि.
VC's Office, J.N.U.
डायरी सं./Diary No. P-2147-2
दिनांक/Date 11/03/2021

बाक्स: 10502 अरूणा आसफ अली मार्ग,
Box No. 10502, Aruna Asaf Ali Marg,
दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26[illegible]
011-26[illegible]
तार :/Telegram : [illegible]
फैक्स :/Fax : 011-26[illegible]
वेबसाईट :/Website : www.uac.res.in

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Application No. MAP/2017/91

No. BT/PR25574/NER/95/1336/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NERBPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 01 / 08 /2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Identification and characterization of active molecules derived from selected edible medicinal plants of Arunachal Pradesh against rotavirus and clinical isolates of drug resistant E. coli and S. aureus**" for a period of 3 Year 0 Month at a total cost of Rs. **8641384** (Rupees Eighty Six Lakhs Fourty One Thousand Three Hundred and Eighty Four Only) on the terms and conditions detalled here under:-

2 **The Project :**

2.1 Title : "**Identification and characterization of active molecules derived from selected edible medicinal plants of Arunachal Pradesh against rotavirus and clinical isolates of drug resistant E. coli and S. aureus**"

2.2 **Details of the Investigatiors:**

Project Cordinator

Dr. Nima Dondu Namsa
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Tezpur University, Napaam, Tezpur, Assam, Tezpur, Assam, 784028

Principal Investigators:

Dr. Nima Dondu Namsa
Assistant Professor
Molecular Biology and
Biotechnology
Tezpur University
Tezpur University, Napaam,

Dr. Mahendra Pandurang Darokar
Senior Principal Scientist
Molecular Bioprospection
Central Institute of Medicinal And
Aromatic Plants

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CO-PI:

Dr. Manabendra Mandal
Professor
Molecular Biology and Biotechnology
Tezpur University
Napaam, Tezpur
Sonitpur, Assam (India)
Pin - 784 028, Tezpur - 784028, Assam

Dr. Anirban Pal
Principal Scientist
Molecular Bioprospection
CSIR-Central Institute of Medicinal and Aromatic
Plants, Near Kukrail Picnic Spot, Lucknow, Lucknow
- 226015, Uttar Pradesh

Dr. Debabrata Chanda
PI
Biotechnology Division
Central Institute of Medicinal And Aromatic Plants
IVT Lab, Molecular Bioprospection Department,
Biotechnology Division, CSIR-CIMAP, Lucknow -
226015, Uttar Pradesh

Dr. Karuna Shanker
Senior Scientist
Analytical Chemistry
CSIR-Central Institute of Medicinal and Aromatic
Plants, Near Kukrail Picnic Spot, Lucknow, Lucknow
- 226015, Uttar Pradesh

2.3 Objectives:

Overall Objectives:

1. 1. Extraction, fractionation and bioassay guided purification of bioactive compounds.
2. Mechanism of anti-bacterial and anti-rotavirus activity of extracts or purified compounds.
3. Structural characterization and synthesis of active compound derivatives with improvised biological activity.

Institute wise Objectives:

Central Institute of Medicinal And Aromatic Plants

1. Bioassay guided purification of bioactive compounds.
2. Mechanism of anti-bacterial activity of extracts or purified compounds.
3. In vivo efficacy for antibacterial compounds/rich fractions.
4. Toxicity studies of the most potent compound/rich fraction.

Tezpur University

1. Molecular identification and preliminary screening of extracts/fractions derived from the selected edible medicinal plants for anti-bacterial and anti-rotavirus activity.
2. Mechanism of anti-rotavirus activity of extracts or purified compounds.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

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4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Director, Central Institute of Medicinal And Aromatic Plants, Lucknow, Uttar Pradesh and The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clarence, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsory comply the same before undertaking such activities.

11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/1166/2019-2020** dated **July, 31 2019.**

12. This sanction order has been noted at serial no. 49, 50 in the Register of Grants.

(Dr. Vaishali Panjabi)
Scientist 'E'

Vaishali

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To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr. Nima Dondu Namsa & Dr. Mahendra Pandurang Darokar(Project Co-ordinator), 1. Tezpur University, Napaam, Sonitpur, Assam-784 028
2. CSIR-Central Institute of Medicinal & Arom
3 The Director, Central Institute of Medicinal And Aromatic Plants, P.O. - CIMAP, Near Kukrail Picnic Spot
, Lucknow - 226015, Uttar Pradesh
4 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
5 Dr. Anirban Pal, Principal Scientist, Molecular Bioprospection, Central Institute of Medicinal And Aromatic Plants, CSIR-Central Institute of Medicinal and Aromatic Plants, Near Kukrail Picnic Spot, Lucknow, Lucknow - 226015, Uttar Pradesh
6 Dr. Debabrata Chanda, PI, Biotechnology Division, Central Institute of Medicinal And Aromatic Plants, IVT Lab, Molecular Bioprospection Department, Biotechnology Division, CSIR-CIMAP, Lucknow - 226015, Uttar Pradesh
7 Dr. Karuna Shanker, Senior Scientist, Analytical Chemistry, Central Institute of Medicinal And Aromatic Plants, CSIR-Central Institute of Medicinal and Aromatic Plants, Near Kukrail Picnic Spot, Lucknow, Lucknow - 226015, Uttar Pradesh
8 Dr. Mahendra Pandurang Darokar, Senior Principal Scientist, Molecular Bioprospection, Central Institute of Medicinal And Aromatic Plants, CSIR-Central Institute of Medicinal and Aromatic Plants,
P.O-CIMAP,Near Kukrail Picnic Spot Lucknow-226015, Lucknow - 226015, Uttar Pradesh
9 Dr. Manabendra Mandal, Professor, Molecular Biology and Biotechnology, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Assam (India)
Pin - 784 028, Tezpur - 784028, Assam
10 Dr. Nima Dondu Namsa, Assistant Professor, Molecular Biology and Biotechnology, Tezpur University, Tezpur University, Napaam, Tezpur, Assam, Tezpur - 784028, Assam
11 Cash Section, DBT (2 copies).
12 Sanction Folder.
13 File Copy.

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

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2.5 Project Cost:

The total cost of the project is Rs. **8641384/-**(Rupees Eighty Six Lakhs Fourty One Thousand Three Hundred and Eighty Four Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Central Institute of Medicinal And Aromatic Plants	1181496	781496	837200	**2800192**
2. Tezpur University	3685796	1201796	953600	**5841192**
Total (Rs.)	**4867292**	**1983292**	**1790800**	**8641384**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	1984000.00			**1984000.00**
Manpower	401796.00	401796.00	453600.00	**1257192.00**
Overhead	100000.00	100000.00	100000.00	**300000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	1100000.00	600000.00	300000.00	**2000000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**3685796.00**	**1201796.00**	**953600.00**	**5841192.00**
2. Central Institute of Medicinal And Aromatic Plants				
Manpower	431496.00	431496.00	487200.00	**1350192.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	600000.00	200000.00	200000.00	**1000000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**1181496.00**	**781496.00**	**837200.00**	**2800192.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

Verified

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ASSAM SCIENCE TECHNOLOGY & ENVIRONMENT COUNCIL
(Department of Science & Technology, Govt. of Assam)

Bigyan Bhawan
G.S. Road
Guwahati- 781005
Assam, India
www.astec.gov.in

Telephone: 0361-2464621
: 0361-2450147
: 0361-2450646
Fax: 0361-2464617
E-mail: astec@rediffmail.com

No. ASTEC/S&T/1037(15)(1)/2009-19/ 1343(A) Date: 28/08/2019

From : Dr. Ranjit Kumar Barman
Head(i/c), Science & Technology Division &
Nodal Officer, Patent Information Centre
ASTE Council

To : The Registrar
Tezpur University
Napaam, Tezpur-784028

Sub: Financial support for carrying out activities of Tezpur University Intellectual Property Rights (TUIPR) Cell for the financial year (F.Y.) 2018-19.

Ref: Your letter no. TUIPR/ASTEC/S&T/18/2011/979 dated 1st July, 2019.

Sir,

In inviting a kind reference to the subject as cited above, we are pleased to provide a financial support of Rs. 20,000/- (Rupees twenty thousand only) vide a cheque bearing no. 974799 dated 16.08.2019 drawn in favour of "Registrar, Tezpur University", which is enclosed herewith for your kind acceptance. This amount is for carrying out the activities of your Tezpur University IPR Cell for the F.Y. 2018-19. Kindly acknowledge the same.

We desire for a performance report along with the utilization certificate and statement of expenditure for the sanctioned amount at the end of each F.Y. from your side to be intimated to Deptt. of Science & Technology, Govt. of India.

Thanking you.

Yours faithfully,

Enclosed: As stated above.

Head (i/c), S&T Division &
Nodal Officer, Patent Information Centre

Copy to:

i) Dr. P. Deb,
Coordinator, Tezpur University IPR Cell
- *for favour of kind information and necessary action.*

ii) Dy. F.A.O., ASTEC.
- *For record.*

Head (i/c), S&T Division &
Nodal Officer, Patent Information Centre

71-72

Admin. Order
Appl. No. MAP/2017/38

No. BT/PR25000/NER/95/950/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NERBPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 02 / 09 /2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Enhanced production of anticancer flavones- Baicalein, Chrysine and Oroxylin A, from Oroxylum indicum tissue culture and studies on its chemopreventive activities**" for a period of 3 Year 0 Month at a total cost of Rs. **7254384** (Rupees Seventy Two Lakhs Fifty Four Thousand Three Hundred and Eighty Four Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Enhanced production of anticancer flavones- Baicalein, Chrysine and Oroxylin A, from Oroxylum indicum tissue culture and studies on its chemopreventive activities"**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Mousmi Saikia
PI
Herbal Science and Technology
Anandaram Dhekial Phookan college
c/o- Department of Herbal Science and Technology, ADP College,
Nagaon, assam, Nagaon, Assam, 782002

Principal Investigators:

Dr. Mousmi Saikia
Herbal Science and Technology
Anandaram Dhekial Phookan college
c/o- Department of Herbal Science and Technology, ADP College, Nagaon, assam,
Nagaon,Assam, 782002

Dr. Jyoti Prasad Saikia
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University, #106, MBBT, Tezpur University,
PO-Napaam, Sonitpur, Assam, India., Tezpur,
Assam, 784028

CO-PI:

Dr. Anand Ramteke
Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University
Department of Molecular Biology and Biotechnology

Vaulah

जैवप्रौद्योगिकी विभाग / Dept. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Tezpur University, PO: Napaam, Tezpur - 784028, Assam

Mr. Bapan Banik
Assistant Professor
department of herbal science and technology
Anandaram Dhekial Phookan college
c/o- Department of Herbal Science ADP college nagaon, assam, Nagaon - 782002, Assam

2.3 Objectives:

Overall Objectives:

1. Collection of plant specimen using GPS and submission of passport to NBPGR-Shillong.
2. Establishment of Callus culture and Hairy root culture for enhanced production of the specific anticancer compounds- Baicalein, Chrysine and Oroxylin A.
3. Extraction, bioassay guided fractionation and purification of anticancer compounds from in vivo plant specimens
4. Studies of in vitro culture and in vivo isolated anticancer compounds on standard cancer cell Line.

Institute wise Objectives:

Anandaram Dhekial Phookan college

1. Collection of plant specimen using GPS and submission of passport to NBPGR-Shillong.
2. Establishment of Callus culture and Hairy root culture for enhanced production of the specific anticancer compounds- Baicalein, Chrysine and Oroxylin A.
3. Extraction, bioassay guided fractionation and purification of anticancer compounds from in vivo plant specimens.

Tezpur University

1. Collection of plant specimen using GPS and submission of passport to NBPGR-Shillong
2. Extraction, bioassay guided fractionation and purification of the anticancer compounds from in vivo plant specimens
3. Studies of in vitro culture and in vivo isolated anticancer compounds on standard cancer cell Line.

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **7254384/-**(Rupees Seventy Two Lakhs Fifty Four Thousand Three Hundred and Eighty Four Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Anandaram Dhekial Phookan college	3271796	661796	713600	**4647192**
2. Tezpur University	1201796	701796	703600	**2607192**
Total (Rs.)	**4473592**	**1363592**	**1417200**	**7254384**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology
विज्ञान और प्रौधो. मंत्रालय / Min Science & Tech
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Anandaram Dhekial Phookan college				
Equipment	2500000.00			**2500000.00**
Manpower	401796.00	401796.00	453600.00	**1257192.00**
Overhead	70000.00	60000.00	60000.00	**190000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	200000.00	100000.00	100000.00	**400000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**3271796.00**	**661796.00**	**713600.00**	**4647192.00**
2. Tezpur University				
Equipment	500000.00			**500000.00**
Manpower	401796.00	401796.00	453600.00	**1257192.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	150000.00	150000.00	100000.00	**400000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**1201796.00**	**701796.00**	**703600.00**	**2607192.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 87	**Department of Biotechnology**
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

The **Recurring** expenditure involved is debitable to:

Demand No. 87	**Department of Biotechnology**
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER
a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.
h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

6. The Principle, Anandaram Dhekial Phookan college, Nagaon, Assam and The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clarence, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsory comply the same before undertaking such activities.

11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/1271/2019-2020** dated **August, 07 2019.**

12. This sanction order has been noted at serial no. 71-72 in the Register of Grants.

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रोद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr. Mousmi Saikia(Project Co-ordinator), Dept. of Herbal Science and Technology, Anandaram Dhekial Phookan College (A.D.P College), RRB road.
3 The Principle, Anandaram Dhekial Phookan college, Haibargaon, Nagaon– 782002, Assam.
4 The Registrar, Tezpur University, Tezpur University, Napaam, Sonitpur, Tezpur - 784028, Assam.
5 Dr. Anand Ramteke, Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Napaam, Tezpur - 784028, Assam
6 Dr. Jyoti Prasad Saikia, Assistant Professor, Molecular Biology and Biotechnology, Tezpur University, #106, MBBT, Tezpur University, PO-Napaam-784028, Sonitpur, Assam, India., Tezpur - 784028, Assam.
7 Dr. Mousmi Saikia, Herbal Science and Technology, Anandaram Dhekial Phookan college, Nagaon - 782002, Assam
8 Mr. Bapan Banik, Assistant Professor, department of herbal science and technology, Anandaram Dhekial Phookan college, Nagaon - 782002, Assam
9 Cash Section, DBT (2 copies).
10 Sanction Folder.
11 File Copy.

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौधो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled **"Enhanced production of anticancer flavones- Baicalein, Chrysine and Oroxylin A, from Oroxylum indicum tissue culture and studies on its chemopreventive activities":**

Anandaram Dhekial Phookan college			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	Double Distillation unit	1	72000.00
2.	HPLC	1	1640000.00
3.	Uv-vis spectrometer	1	413000.00
4.	Plant tissue culture rack with photoperiod	1	68000.00
5.	Laminar air flow	1	91000.00
6.	Autoclave	1	77000.00
7.	Digital balance	1	98000.00
8.	Trinocular Microscope	1	41000.00
		Total	**2500000.00**
Tezpur University			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	ELISA reader (96 well plate reader)	1	500000.00
		Total	**500000.00**

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रोधो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Annexure -II

Details of the manpower sanctioned for the implementation of the project entitled **"Enhanced production of anticancer flavones- Baicalein, Chrysine and Oroxylin A, from Oroxylum indicum tissue culture and studies on its chemopreventive activities":**

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
1. Anandaram Dhekial Phookan college					
Junior Research Fellow JRF	1	401796	401796	0	**803592**
Senior Research Fellow SRF	1	0	0	453600	**453600**
Total(Rs.)		**401796**	**401796**	**453600**	**1257192**
2. Tezpur University					
Junior Research Fellow JRF	1	401796	401796	0	**803592**
Senior Research Fellow SRF	1	0	0	453600	**453600**
Total(Rs.)		**401796**	**401796**	**453600**	**1257192**

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No.SR/S9/Z-09/2012 dated 21.10.2014.

Vaishali

(Dr. Vaishali Panjabi)
Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

24

No. BT/PR25747/NER/95/1298/2017

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 09/09/2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Standardization of Indigenous Probiotic based Formulation for Immunity, Glucose and Lipid metabolism**" for a period of 3 Year 0 Month at a total cost of Rs. **6757360** (Rupees Sixty Seven Lakhs Fifty Seven Thousand Three Hundred and Sixty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Standardization of Indigenous Probiotic based Formulation for Immunity, Glucose and Lipid metabolism"**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Manabendra Mandal
Professor
Molecular Biology and Biotechnology
Tezpur University
MBBT department
Tezpur University, Tezpur, Assam, 784028

Principal Investigators:

Dr. Manabendra Mandal
Professor
Molecular Biology and
Biotechnology
Tezpur University
MBBT department

Dr. Anirban Pal
Scientist
Molecular Bioprospection
Central Institute of Medicinal And
Aromatic Plants
PO CIMAP, Near Kukrail Picnic

CO-PI:

Dr. Dipankar Kalita
Technical Officer
Department of Food
Engineering and
Technology
Tezpur University
Department of Food
Engineering and
Technology, Tezpur
University, Napaam,
Tezpur-784028,
Assam, India, Tezpur -
784028, Assam

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Dr. Dayanandan Mani
Senior Scientist
Herbal & Medicinal Products
Central Institute of Medicinal And Aromatic Plants
Central Institute of Medicinal and Aromatic Plants, Near Kukrail Picnic Spot, Lucknow, Uttar Pradesh, Lucknow - 226015, Uttar Pradesh

2.3 Objectives:

Overall Objectives:

1. Sequence based identification of previous isolates (arouond 900), assessment of in vitro cholesterol lowering properties of selecetd indigenous probiotic isolates from each phylogenetic clade and comparison with Yakult and Sun Pharma probiotic products
2. Evaluation of immunomodulatory properties of probiotic strains in in vitro model systems
3. Validation of immune stimulatory property of the pro-biotic strains in mice model of infection with Salmonella typhimurium.
4. Validation of the lipid and glucose metabolizing capability of pro-biotic strains in-vivo.
5. Optimization of the leads for formulation development through safety, efficacy and characterization
6. Incorporation of probiotic culture in the milk and fruit juice based beverages

Institute wise Objectives:

Central Institute of Medicinal And Aromatic Plants

1. Validation of immune stimulatory property of the pro-biotic strains in mice model of infection with Salmonella typhimurium.
2. Validation of the lipid and glucose metabolizing capability of pro-biotic strains in-vivo.
3. Optimization of the leads for formulation development through safety, efficacy and characterization.

Tezpur University

1. Sequence based identification of previous isolates (arouond 900), assessment of in vitro cholesterol lowering properties of selecetd indigenous probiotic isolates from each phylogenetic clade and comparison with Yakult and Sun Pharma probiotic products
2. Evaluation of immunomodulatory properties of probiotic strains in in vitro model systems.
3. Incorporation of probiotic culture in the milk and fruit juice based beverages

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **6757360**/-(Rupees Sixty Seven Lakhs Fifty Seven Thousand Three Hundred and Sixty Only) as per details given below :

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Central Institute of Medicinal And Aromatic Plants	1311520	721520	667200	**2700240**
2. Tezpur University	2201760	1001760	853600	**4057120**
Total (Rs.)	**3513280**	**1723280**	**1520800**	**6757360**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	1200000.00			**1200000.00**
Manpower	401760.00	401760.00	453600.00	**1257120.00**
Overhead	100000.00	100000.00	100000.00	**300000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	400000.00	400000.00	200000.00	**1000000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**2201760.00**	**1001760.00**	**853600.00**	**4057120.00**
2. Central Institute of Medicinal And Aromatic Plants				
Equipment	500000.00			**500000.00**
Manpower	431520.00	431520.00	487200.00	**1350240.00**
Overhead	25000.00	25000.00	25000.00	**75000.00**
Travel	30000.00	40000.00	30000.00	**100000.00**
Consumables	300000.00	200000.00	100000.00	**600000.00**
Contingency	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**1311520.00**	**721520.00**	**667200.00**	**2700240.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

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Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clarence, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsory comply the same before undertaking such activities.

11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/1628/2019-2020** dated **September, 06 2019.**

12. This sanction order has been noted at serial no._____ in the Register of Grants.

(Dr. Vaishali Panjabi)
Scientist 'E'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr. Manabendra Mandal(Project Co-ordinator), Department of Molecular Biology and Biotechnology, Napaam, Tezpur- 784028, Assam
3 The Director, Central Institute of Medicinal And Aromatic Plants, P.O. – CIMAP, Near Kukrail Picnic Spot
, Lucknow - 226015, Uttar Pradesh
4 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
5 Dr. Anirban Pal, Scientist, Molecular Bioprospection, Central Institute of Medicinal And Aromatic Plants, PO CIMAP, Near Kukrail Picnic Spot, Lucknow, Uttar Pradesh, Lucknow - 226015, Uttar Pradesh
6 Dr. Dayanandan Mani, Senior Scientist, Herbal & Medicinal Products, Central Institute of Medicinal And Aromatic Plants, Central Institute of Medicinal and Aromatic Plants, Near Kukrail Picnic Spot, Lucknow, Uttar Pradesh, Lucknow - 226015, Uttar Pradesh
7 Dr. Dipankar Kalita, Technical Officer, Department of Food Engineering and Technology, Tezpur University, Department of Food Engineering and Technology, Tezpur University, Napaam, Tezpur-784028, Assam, India, Tezpur - 784028, Assam
8 Dr. Manabendra Mandal, Professor, Molecular Biology and Biotechnology, Tezpur University, MBBT department
Tezpur University, Tezpur - 784028, Assam

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FILE NO. IMRC/AISTDF/CRD/2018/000049
AISTDF Secretariat
Science & Engineering Research Board (SERB)

(17)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 10-Sep-2019

ORDER

Approval of the Chairman AISTDF (Secretary DST) is hereby accorded for implementation of the ASEAN-India Collaborative research project entitled "Design of A Prosthetic Hand Control Architecture Exploring the Hierarchical Relationship of EEG, EMG and Finger Kinematics" for a total amount of Rs. 1796000/- (Rs. Seventeen Lakh Ninety Six Thousand Only) for period of 2 years from the date of issue of this sanction order.

The composition of the project team(s) is as below:

INDIA
Lead PI

Dr. Nayan M Kakoty
Tezpur University,Distt. Sonitpur P.B.No.72 Napaam, Tezpur,Assam,Tezpur-784011 , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011

Other Participant

Ms. Prastuti Shivam
Tezpur University Department of ECE, School of Engineering, Tezpur University, Tezpur - 784028, Assam, India

ASEAN MS-1

Lead PI
Dr. MALARVILI BALA Balakrishnan
Universiti Teknologi Malaysia Faculty of Bioseciences and Medical Engineering Block B , Bangunan V01 81310 Skudai Johor Malaysia
Other Praticipant - 1
Ms. Keerthana Rangasamy
Universiti Teknologi Malaysia Faculty of Biosciences and Medical Engineering, 81310 UTM Skudai, Johor, Malaysia

ASEAN MS-2

Lead PI
Dr. Prihartini Widiyanti
Universitas Airlangga Campus C Universitas Airlangga, Mulyorejo, Surabaya, 60115, Indonesia

The change/ replacement of project participants is not allowed. The participating scientists should be working on the project and affiliated with the Institute/University holding the indicated position at the time of start of the project as well as at the time of exchange visits under the project. The project grant can be utilized only for the approved items /visits of participating scientists, as mentioned above.

The break-up of estimated expenditure is as indicated below-

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1. Mobility budget:

Year : 1

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accomodation, per-diem etc	Total Amount
Dr. Nayan M Kakoty	India	Malaysia	14	50000	84000	134000
Dr. Nayan M Kakoty	India	Indonesia	14	60000	84000	144000
Ms. Keerthana Rangasamy	Malaysia	India	30	50000	150000	200000

Year : 2

Name	Source Country	Destination Country	No. of Days	Airfare, Visa Fee etc	Accomodation, per-diem etc	Total Amount
Dr. MALARVILI BALA Balakrishnan	Malaysia	India	14	50000	84000	134000
Dr. Prihartini Widiyanti	Indonesia	India	14	50000	84000	134000

2. Research Grant:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	**Non-recurring (Capital Items)**			
1	Equipment	0	0	0
	Total - Non - recurring grant			*0*
B	**Recurring Items**			
1	Manpower	0	0	0
2	Consumables	500000	500000	1000000
3	Contingencies	0	0	0
4	Other Cost	0	0	0
	Total (Manpower, Consumables, Contingencies, Other Cost)			1000000
C	**Overhead Expenses (5% of Non-travel expenses)**	25000	25000	50000
	Total cost of the project (Without Travel)	525000	525000	**1050000**

3. Overall Budget:

S. No	Head	Year-I	Year-II	Total Budget Sanctioned (in INR)
A	**Non-recurring (Capital Items)**			
1	Equipment	0	0	0
	Total - Non- recurring grant			*0*
B	**Recurring Items**			
1	Manpower	0	0	0
2	Consumables	500000	500000	1000000
3	Travel (Domestic and International)	478000	268000	746000
4	Contingencies	0	0	0
5	Other Cost	0	0	0
	Total-I (Travel - Domestic and International)			746000
	Total-II (Manpower, Consumables, Contingencies, Other Cost)			1000000
C	**Overhead Expenses (5% of Non-travel expenses)**	25000	25000	50000
	Total cost of the project	1003000	793000	**1796000**

Sanction of the Chairman-AISTDF is also accorded for the release of **Rs. Rs. 1003000/- (Rupees Ten Lakh Three Thousand only)** as first year grant.

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1. The release of this grant is subject to:-

16

1. No re-appropriation of funds from one sub-head to another is allowed.
2. Obtaining prior approval of the AISTDF Secretariat for all project related visits to be undertaken by the scientist(s) from the either side in connection with the implementation with of this project, separately through online system (aistic.gov.in), at-least 4 weeks in advance before incurring any expenditure for this purpose.
3. Submission of Utilization Certificate (UC) and a Statement of Expenditure (SE) along with up-to-date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization under the project
4. The international / domestic air-travel pertaining to visits under this project is to be performed by lowest economy class by shortest route.
5. The grantee Institute/University shall maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The Interest earned should be reported to AISTDF Secretariat while submitting the SE/UC. The Interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of grant.
6. The accounts of the grantee institution shall be open to inspection by the sanctioning authority /audit whenever the institution is called upon to do so, as laid down under Rule 211 of General Financial Rules.

The expenditure involved is to be debited "Grant-in-Aid" sub-head of the ASEAN-India Science & Technology Development Fund (AISTDF) during the current financial year 2019-20

The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **09 September, 2019** and vide Diary No. **SERB/F/4732/2019-2020** dated **09 September, 2019**

The release amount of **Rs. 1003000/-** (Rupees Ten Lakh Three Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	**REGISTRAR, TEZPUR UNIVERSITY**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam - 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**nkakoty@tezu.ernet.in**

(Raj Kumar Sharma)
Member Secretary(AISTDF)

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1. The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2. Sanction Folder, SERB , New Delhi.
3. File Copy
4. **Dr. Nayan M Kakoty**
Electronics and Communication Engineering
Tezpur University,Distt. Sonitpur P.B.No.72 Napaam, Tezpur,Assam,Tezpur-784011 , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011
Email: nkakoty@tezu.ernet.in
Mobile: 918135823686

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Dr. Abhishek Tandon
Deputy Director (Research)
IMPRESS
Tel #011-26716690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. IMPRESS/P2402/380/2018-19/ICSSR Dated: 17-09-2019

The Registrar
Cotton University
Panbazar Guwahati-781001
Assam

Subject: Sanction of Impactful Policy Research in Social Science (IMPRESS) Research Project entitled "**Forests and Forest Dwellers in Assam: Searching for a Sustainable Relationship**" under domain Governance, Innovation and Public Policy to **Dr.Indrani Sarma**

Dear **Sir/Madam,**

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **Dr. Indrani Sarma, Assistant Professor & Head, Dept. of Sociology, Cotton University, Panbazar, Guwahati-781001, Assam.** Co-Project Director of the study: Dr. Chandan Kumar Sharma.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 8,00,000/- (Rupees eight lakh only) for the above research project and the grant will be released as follows:

First instalment	:Rs. 3,20,000/-
Second instalment	:Rs. 2,40,000/-
Third instalment	:Rs. 1,60,000/-
Fourth Instalment	:Rs. 40,000/-
Publication cost*	**:Rs. 40,000/-**
Total	**:Rs. 8,00,000/-**
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 40,000/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .
**will be released on successful completion of project after evaluation.
(The break-up budget approved by the ICSSR of Rs.8,00,000/- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. **(GIB already received).**
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
   a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

6. The Second instalment will be released after receiving a satisfactory annual progress report along with a simple statement of account of the account for the first instalment (Depending upon the duration of the Project).
7. The Third instalment will be released after receiving the Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (two) and the statement of account of the second instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
8. The scholar shall acknowledge support of ICSSR and MHRD (IMPRESS Scheme) in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
9. The Fourth instalment will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.
10. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation overhead charges @7.5% of the total expenditure incurred on the project only after successful completion of the project.
11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
12. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
13. The Director of the research project will be **Dr. Indrani Sarma**, who will be responsible for its completion within **24 Months** from the date of commencement of the project as intimated by the scholar or the date of the sanction order, whichever is earlier.
14. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

15. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **IMPRESS (Impactful Policy Research in Social Science) Research Projects available in the IMPRESS website www.impress-icssr.res.in**
17. The expenditure on this account is debatable to the **Budget Head-IMPRESS (Scheme Code 3615); OH 31.01 Research Projects**. (ST category)
18. All the installments of grant according to Para 3 of Sanction Order Letter will be released against said project and fulfilling all conditions for the release of grant to affiliated institute as per details placed below at Annexure A provided by the competent authority of affiliated institute/university/college as applicable. Opening of PFMS Account by the Affiliated Institute for projects sanctioned under scheme IMPRESS is mandatory for the release of grant.
19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

DD (IMPRESS)
For MEMBER-SECRETARY

Encl: as above.
Copy to:

1. Dr. Indrani Sarma,
   Assistant Professor & Head,
   Dept. of Sociology,
   Cotton University, Panbazar,
   Guwahati-781001, Assam
2. Dr. Chandan Kumar Sharma,
   Professor in Sociology,
   Tezpur University,
   Napaam, Tezpur-784028 Assam
3. Finance Branch, ICSSR, New Delhi
4. Record file

DD (IMPRESS)
For MEMBER-SECRETARY

$9,90,

21

No. BT/PR24927/NER/95/911/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Appl. No. BMB/2017/30
Administrative Order

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 18/09/2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: **"Characterisation of DNA structural features and non B DNA structures in regulatory regions in prokaryotes: an insilico approach"** for a period of 3 Year 0 Month at a total cost of Rs. **4436784** (Rupees Forty Four Lakhs Thirty Six Thousand Seven Hundred and Eighty Four Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Characterisation of DNA structural features and non B DNA structures in regulatory regions in prokaryotes: an insilico approach"**

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Aditya Kumar
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Room no 105, Department of Molecular Biology and Biotechnology
Tezpur university, Tezpur, Assam, 784028

Principal Investigators:

Dr. Aditya Kumar
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Room no 105, Department of Molecular
Biology and Biotechnology
Tezpur University, Tezpur, Assam, 784028

Vaishali

डॉ. वैशाली पंजवानी / Dr. VAISHALI PANJWANI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

(1)

Aditya Kumar.

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Prof. Manju Bansal
INSA Senior Scientist
Molecular Biophysics Unit
Indian Institute of Science,
Bangalore

2.3 Objectives:

Institute wise Objectives:
Indian Institute of Science, Bangalore

1. Literature survey and extraction of promoter and TFBS sequences using published experimental data.
2. Classification of promoter sequences
3. Computation of DNA structural properties profile for promoter sequences.
4. Development of promoter prediction algorithm.
5. Analysis of gene regulatory networks.
6. Study of the evolution of promoter sequences.

Tezpur University

1. Literature survey and extraction of promoter and TFBS sequences using published experimental data.
2. Classification of promoter sequences.
3. Non B DNA structures prediction in regulatory regions.
4. Development of promoter prediction algorithm.
5. Web based resources development.
6. Analysis of DNA structural features of promoter regions and their role in gene expression.

2.4 Time Schedule:
The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:
The total cost of the project is Rs. 4436784/-(Rupees Forty Four Lakhs Thirty Six Thousand Seven Hundred and Eighty Four Only) as per details given below :

Vaishali

डॉ. वैशाली यादव / Dr. VAISHALI YADAV
वैज्ञानिक 'ई' / Scientist 'E'
जैवप्रौद्योगिकी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / Min Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Indian Institute of Science, Bangalore	580992	480992	540800	**1602784**
2. Tezpur University	1659000	562000	613000	**2834000**
Total (Rs.)	**2239992**	**1042992**	**1153800**	**4436784**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	1052000.00			**1052000.00**
Manpower	402000.00	402000.00	453000.00	**1257000.00**
Overhead	30000.00	35000.00	35000.00	**100000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	100000.00	50000.00	50000.00	**200000.00**
Contingency	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**1659000.00**	**562000.00**	**613000.00**	**2834000.00**
2. Indian Institute of Science, Bangalore				
Equipment	100000.00			**100000.00**
Manpower	460992.00	460992.00	520800.00	**1442784.00**
Overhead	20000.00	20000.00	20000.00	**60000.00**
Total (Rs.)	**580992.00**	**480992.00**	**540800.00**	**1602784.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

Vandana

वं. तेजपुर विश्वविद्यालय / Tezpur University
वैज्ञानिक 'ई' / Scientist 'E'
जैवप्रौद्योगिकी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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The Recurring expenditure involved is debitable to:

Demand No. 87	**Department of Biotechnology**
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.

h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

Vaishali

डॉ. वैशाली / Dr. VAISHALI
अनुभाग 'ए' / Section 'A'
जैव प्रौद्योगिकी विभाग / Dept. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

(4)

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E-25929

No. DST/INT/BLR/P-15/2019
Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)
****

Technology Bhawan,
New Mehraulli Road
New Delhi-110016
Date :- 18.09.2019

ORDER

Subject: Implementation of Indo-Portugal Joint project entitled: **"Green and sustainable catalysts based on zeolites for oxidative transformation reactions"** coordinated by Dr. Utpal Bora with the Bulgarian partner Dr Yuri Kalvachev regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs. 11,82,350/- (Rupees Eleven Lakh Eighty Two Thousands Three Hundred fifty)**for implementation of the Indo-Iran joint project entitled **"Green and sustainable catalysts based on zeolites for oxidative transformation reactions"** coordinated by Dr Utpal Bora Tezpur University, Department of Chemical Science, Napaam, Tezpur Assam, India -784028 India with the Dr. Yuri Kalvachev Professor Institute of Catalysis, Bulgarian Academy of Science, Acad Georgi Bonchev, Sofia Bulagaria a total duration of two years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : Rs. **11,82,350/-**
Capital Component : Rs.___N.A.__

S. No.	Budget Head	1st Year (Rs.)	2nd Year (Rs.)	Total (Rs.)
1.	Number of visits (02 per year) one of up to 21 days by PI/ CO-PI 2500*21 =	52,500	52,500	1,05,000
	one of up to 03 months from Bulgarian side by student/ young researcher PI/Co PI 50000/ month * 03	1,50,000	1,50,000	3,00,000
	Accommodation	1,00,000	1,00,000	2,00,000
2.	Air Travel* International travel by shortest route by lowest economy class (to and fro) for visit of Indian participants to Bulgaria including silver class medical insurance,	2,00,000	2,00,000	4,00,000

9

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	VISA fee and domestic travel in India (02 persons) (*as per actual)	50,000	50,000	1,00,000
3	Contingency	5,52,500	5,52,500	11,05,000
4	Total	38,675	38,675	77,350
5	Overhead @ 7%	5,91,175	5,91,175	11,82,350
6.	**Grand total**			

2. Under the existing terms and conditions of the PoC, sending side cover international travel expenses to the state of the receiving country. The receiving side will make local logistic arrangements including local travel and stay arrangements (hall expenses, perdiem etc.) in the country visited. The break-up of approved expenditure is as indicated below:

3. Sanction of the President is hereby accorded for release of 1st installment amounting to **Rs 591,175- (Rupees Five Lakhs Ninety One Thousands One Hundred Seventy five)** to the Department of Chemical Science, Napaam, Tezpur Assam India payment of this amount may be made by DDO, DST by means of electronically transfer to the following a/c as per Bank details given below:

1	Account Holders name/ designation	Registar, Tezpur University
2	Name of Bank and Address	State Bank of India, Main Branch Tezpur, Lake Raod, Tezpur, Sonipur, Assam-784001
3	Bank Account Number	30443821505
4	IFSC Code	SBIN0000195

Condition for placing of grant amount:

4. The institute will maintain separate audited account for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the (financial year wise) Statement of Expenditure/Utilization Certificate. **As per Financial Rule 230 (3), "All interests or other earnings against Grants-in-aid or advances (other than reimbursement) released to any grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases",**

Conditions for submission of SE/UC and Progress report:

5. (a) The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission

of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a

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submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant Closure of Project account.

15. GI should also follow Rule 230 (17) of GFR, 2017 concerning reservation of SC/ST/OBC, if applicable.

16. Goods (consumable/equipments) available in Government eMarket (GeM) Portal are to be procured mandatorily online through GeM only.

17. **Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

18. The expenditure involved is debitable to **Demand No.86**, Department of Science & Technology for the financial year **2019-20**:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	Research & Development
14.00.31	:	Grants-in-aid General for the year 2019-20 (**Previous** : ICD-3425.60.798.12.00.31)

19 This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.

20. This issues with the concurrence of IFD, vide their Diary No. **3079 /IFD 2019-20**
Date 18.09.2019

21. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 97 in the register of grants maintained in the Division.

Jyoti Sharma

(Dr Jyoti Sharma)
Scientist E (IBCD)

The Pay & Accounts Officer,
Department of Science & Technology

1. Office of the Principal Director & Audit IIIrd Floor, AGCR Bldg., IP Estate, New Delhi
2. Cash Section (3 copies) DST
3. I.F Division/ Accounts Section, DST
4. Sanction folder
5. Project file
6. by Dr Utpal Bora Tezpur University, Department of Chemical Science, Napaam, Tezpur Assam, India
7..(Finance Officer,) Registar, Tezpur University

Jyoti Sharma

Dr Jyoti Sharma)
Scientist E (IBCD)

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Forwarded to Mr. Dean, RLD / Reshma P. 14/10/19
2. P.O.

Dr. Abhishek Tandon
Deputy Director (Research)
IMPRESS
Tel #011-26716690
E-mail: impress201819@gmail.com

Office of the Registrar
Receipt No. 4637
Date 14/10/19 (19)
Received by

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

Serial No... 1802
Date of Receipt 15/10/2019
Dean, RLD
Dated: 18-09-2019

SANCTION ORDER

F.No. IMPRESS/P3868/569/2018-19/ICSSR

The Registrar,
Tezpur University,
Napaam, Tezpur-784028,
Assam

Subject: Sanction of Impactful Policy Research in Social Science (IMPRESS) Research Project entitled "**Forensic Accounting Education in India: Prospects and Problems**" under domain to **Dr.Reshma Kumari Tiwari.**

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **Dr. Reshma Kumari Tiwari, Dept. of Commerce, Tezpur University, Tezpur, Assam,** Co-Project Directors of the study are: **Nil.**
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. **1000000**/- (Rupees ten lakh only) for the above research project and the grant will be released as follows:

First instalment	:Rs. 400000/-
Second instalment	:Rs. 300000/-
Third instalment	:Rs. 200000/-
Fourth Instalment	:Rs. 50000/-
Publication cost*	**:Rs. 50000/-**
Total	**:Rs. 1000000/-**
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 50000/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs. 1000000/- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. **(GIB already received).**
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
   a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

Cuit 15/10/19

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15. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **IMPRESS (Impactful Policy Research in Social Science) Research Projects available in the IMPRESS website www.impress-icssr.res.in**

17. The expenditure on this account is debatable to the **Budget Head-IMPRESS (Scheme Code 3615); OH 31.01 Research Projects**.

18. All the installments of grant according to Para 3 of Sanction Order Letter will be released against said project and fulfilling all conditions for the release of grant to affiliated institute as per details placed below at Annexure A provided by the competent authority of affiliated institute/university/college as applicable. Opening of PFMS Account by the Affiliated Institute for projects sanctioned under scheme IMPRESS is mandatory for the release of grant.

19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

D.D (IMPRESS)
For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr. Reshma Kumari Tiwari
2. Assistant Professor,
   Dept. of Commerce, Tezpur University,
   Napaam, Tezpur-784028,
   Assam
2. Finance Branch, ICSSR, New Delhi
3. Record file

D.D (IMPRESS)
For MEMBER-SECRETARY

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(10)

DST/INT/DAAD/P-12/2019
Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Bilateral Cooperation Division)

Technology Bhavan, New Mehraulli Road
New Delhi-110016
Date: 25/09/2019

ORDER

Subject: Implementation of Indo-German Joint project entitled "**Synthesis, Reactivity and Bonding in Metal and Metal-free Borylenes**" coordinated by **Dr. Ashwini Kumar Phukan, Professor, Department of Chemical Sciences, Tezpur University, Napam–784028, Assam, India** with the German partner **Dr. Holger Braunschweig** - regarding

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs. 13,68,000/- (Rupees Thirteen Lakh Sixty Eight Thousand only)** for implementation of the Indo-German joint project entitled "**Synthesis, Reactivity and Bonding in Metal and Metal-free Borylenes**" coordinated by **Dr. Ashwini Kumar Phukan, Professor, Department of Chemical Sciences, Tezpur University, Napam–784028, Assam, India** in collaboration with **Dr. Holger Braunschweig, Professor, Institute of Inorganic Chemistry Lehrstuhl II, Am Hubland, Julius Maximilians - Universität Würzburg, 97074 Würzburg, Germany** for a total duration of 2 years from the date of issue of the sanction order. The detailed breakup of the grant for General as well as Capital Components are given below -

General Component	:	Rs **13,68,000/-**
Capital Component	:	Rs Nil

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the International air travel, medical insurance and visa charges whereas the receiving side shall bear the cost of accommodation, hospitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below

Headings	Estimated expenditure(s)		
	1st year	2nd year	Total
1. Expenses for Indian scientists to visit Germany under the project International air-fare (by IATA excursion/ economy class by shortest route) including surface travel from place of work in India to place of work in Germany & back; Visa charges Medical Insurance cover.	2 visits 24 & 24 days 424,000/-	2 visits 24 & 24 days 424,000/-	4 visits 96 days 848,000/-
2.Expenses for German scientists to visit India under the project (i)Per-diem charges @ Rs 2,500/- per day (ii) Accommodation charges	2 visits 20&20 days 100,000/- 160,000/-	2 visits 20&20 days 100,000/- 160,000/-	4 visits 64 days 200,000/- 320,000/-
3 Total	684,000/-	684,000/-	13,68,000/-

3. Sanction of the President is hereby accorded for release of 1st instalment amounting of **Rs. 684,000/- (Rupees Six Lakh Eighty Four Thousand only)** to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Department of Chemical Sciences, Tezpur University, Assam**. The bank details for electronic transfer of funds through RTGS are given below -

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Account Holders name/ designation	Registrar, Tezpur University
Name of Bank	State Bank of India Main Branch Tezpur, Lake Road Tezpur, Sonitpur, Assam-784001
Bank Account Number	304 488 215 05
IFSC Code	SBIN0000195

Condition for placing of grant amount

4 The institute will maintain separate audited account for the project and the amount of grant will be kept in a bank account earning interest All interests or other earnings against Grant in aid or advances (other than reimbursement) released to any grantee institution shall be mandatorily remitted to consolidated fund of India immediately after finalization of accounts. Such advance shall not be allowed to be adjusted against future releases

Conditions for submission of SE/UC and Progress report:

5 This sanction is subject to the condition that

(a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017 Subsequent release of grants under the project shall be considered only on receipt of the said documents

(c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant;

6 The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS

7 In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant

Conditions of Assets (if any) :

8 DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

Conditions for International Visits :

9 All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

Other Conditions:

11 The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017

12 Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications /

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media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project

13 In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI,a para may suitably be incorporated in the DSO to the effect that 'PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency

14 **Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

15 The expenditure involved is debitable to Demand No.86, Department of Science & Technology for the year 2019-20

3425	:	Other Scientific Research (Major Head)
60	:	Others
60 798	:	International Cooperation (Minor Head)
14	:	S & T Cooperation with Other countries
14 00 31	:	Grants-in-aid General for the year 2019-20 (Plan)
		(**Previous** ICD-3425 60 798 12 00 31)

16 This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project

17 As per the Rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding

18 As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP) i e www bharatkosh gov in), immediately after finalization of accounts as it shall not be adjusted towards future release of Grant A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts

19 GI should also follow Rule 230(17) of GFR, 2017 concerning reservation of SC/ST/OBC, if applicable

20 This issues with the concurrence of IFD vide their concurrence Dy No **C/3296/IFD 2019-20 dated 25/09/2019.**

21 As per Rule 234 of GFR 2017, this sanction has been entered at S. No ..... in the register of grants maintained in the Division for the scheme (Name of the Scheme).

(Dr Chadaram Sivaji)
Scientist-F / IBCD

To,

The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi-110016

Copy to

1 Office of the Principal Director of Audit, AGCR Bldg , IP Estate, New Delhi-110002
2 Cash Section (3 copies) DST
3 I F Division/Accounts Section, DST
4 Sanction Folder
5 Project File.
6. Dr Ashwini Kumar Phukan, Professor, Department of Chemical Sciences, Tezpur University, Napam-784028, Assam, India

(Dr Chadaram Sivaji)
Scientist-F / IBCD

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No.SR/WOS-A/CS-86/2018 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

(1)

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 01.10.2019

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "***Development of catalytic reaction strategies for the synthesis and functionalization of potential bioactive heterocyclic molecules***".

PI: Dr Anindita Dewan, Department of Chemical Sciences, Tezpur University, Tezpur-784028, Assam

ORDER

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 29,45,000/-** (Rupees Twenty Nine Lakh Forty Five Thousand only) for a duration of 3 years. The detailed breakup of the grant for General (**Rs. 27,65,000/-**)as well as Capital (**Rs 1,80,000/**) Components are given below

Sl. No.	Heads	1st Year	2nd Year	3rd Year	Total
A.	***Non-Recurring* (Capital Items)**				
	Equipments: Muffle Furnace, Centrifuge Magnetic Stirrer with temperature, Computer, printer	1,80,000/-	---------	---------	1,80,000/-
B.	***Recurring*(General)**				
	Fellowship for Ph.D @ Rs. 55,000/M+ HRA(NA)	6,60,000/-	6,60,000/-	6,60,000/-	19,80,000/-
	Consumables	1,50,000/-	1,50,000/-	1,00,000/-	4,00,000/-
	Contingencies	25,000/-	25,000/-	25,000/-	75,000/-
	Travel	20,000/-	20,000/-	20,000/-	60,000/-
C.	**Overhead**	90,000/-	80,000/-	80,000/-	2,50,000/-
D.	**Total of Recurring Grant (B+C)**	**9,45,000/-**	**9,35,000/-**	**8,85,000/-**	**27,65,000/-**
E.	**GRAND TOTAL (A+D)**	**11,25,000/-**	**9,35,000/-**	**8,85,000/-**	**29,45,000/-**

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in

3. The sanction of the President is also accorded to the release of **Rs 9,45,000/-** (Rupees Nine Lac Forty Five Thousand only) under "General Component" **Registrar, Tezpur University, Tezpur-784028, Assam** being the first installment of the grant for the year 2019-2020 for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7. The grant-in-aid being released is subject to the condition that.

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

Contd../2

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8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) accoun for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grant released during F/Y 2018-2019 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST). whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to Demand No.86, Department of Science & Technology for the year 2019-20:

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 **Grants-in-aid General** for the year 2019-2020 **(Voted)**
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of **Rs 9,45,000/-** (Rupees Nine Lac Forty Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed **Registrar, Tezpur University, Tezpur-784028, Assam.** The bank details for electronic transfer of funds through RTGS are given below:-

Institute name	: Tezpur University, Tezpur
Bank Name	: State Bank of India
Account Number	: 30448821505
Branch	: Tezpur
IFSC code	: SBIN0000195

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **412** in the register of grants maintained in the **KIRAN Division** for scheme **(KIRAN: WOS-A)**.

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/**3670**/2019-20 dated 01.10.2019.

(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
3. The Registrar, Tezpur University, Tezpur-784028, Assam.
4. Dr. Ashim Jyoti Thakur, Prorssor & Head, Department of Chemical Sciences, Tezpur University, Tezpur-784028, Assam.
5. Dr. Anindita Dewan, Department of Chemical Sciences, Tezpur University, Tezpur-784028, Assam.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.

(Vandana Singh)
Scientist-E

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F. No. Q-11/22/2019-R&D
Government of India
Ministry of Food Processing Industries
Panchsheel Bhavan, August Kranti Marg
New Delhi- 110049.

To

Prof. Sankar Chandra Deka,
Professor (and Former Head),
Department of Food Engineering & Technology,
Tezpur University, Napaam, Tezpur, Assam Email: sankar@tezu.ernet.in

Dated: ~~16~~ 18.10.2019

Subject:- R&D Proposal titled "Development of Anti-inflammatory Functional Food from 'Norabogori' (*Prunus persica*) of Assam" – reg.

Sir,

I am directed to convey the "in-principle" approval for grants-in-aid of Rs. 27,70,940/- (Rupees Twenty seven lakh seventy thousand nine hundred forty only) towards R&D proposal "Development of Anti-inflammatory Functional Food from 'Norabogori' (*Prunus persica*) of Assam" subject to the following conditions:

1. Duration of the project is 24 months and the date of start of project will be considered from the date of issue of in-principle approval letter for the project. **Isolate the anti-inflamatory agent from 'Norabogori' and develop ready to eat/ ready to serve** products instead of encapsulation of the micro and nano particle of screened phytochemical compound. Accordinly the project title and objectives of the **project should be revised by PI**.
2. The amount of grants-in-aid of Rs. 27,70,940/- (Rupees Twenty seven lakh seventy thousand nine hundred forty only) will be released in three installments as per guidelines. Before the release of 2nd and 3rd instalment of grants-in-aid the Ministry of Food Processing Industries (MoFPI) shall re-calculate the eligible amount of grants-in-aid based on proposed or actual expenditure, whichever is less, on eligible items considered by the Expert Committee that examined and approved the above R&D proposal. The pattern of release of the approved amount of grants-in-aid is at Annexure. The 2nd and 3rd instalment of the grant can be clubbed together at the option of the Principal Investigator (PI)/ Institution and released after submission of final project completion report and its acceptance by the Competent Authority.

3. MoFPI shall deduct share of the contribution of Industrial Partner, if any, from 2nd instalment of grants-in-aid after ascertaining the actual contribution made by Industrial Partner.

4. For government organization, the first instalment of grant (100% cost of equipment plus 50% cost of consumables plus 50% cost of manpower (SRF/JRF/RA) and travel allowances for attending Expert Committee meeting for PI (one time) and for Private organization, 50% cost of equipment would be released after the submission of the following documents/ information to this Ministry (if not submitted with the proposal):

   i. Submission of an affidavit/ undertaking in compliance with GFR 230 (1) of GFR 2017 (in Original).
   ii. Acceptance of standard terms & conditions as per **Annexure-F** of the R&D scheme guidelines issued on 10.08.2017 duly signed by the Head of the applicant

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stamp of Rs.100/-) as per Rule No 231 (3) of GFR-2017.

xiii. As per Rule No 231 (3) of GFR-2017, execution of bond will not apply to quasi-government institutions, central autonomous organizations and institutions whose budget is approved by Government.

6. The second instalment would be released only on receipt of:

i. Statement of actual expenditure on the project of the 1st instalment of grant provided by MoFPI.
ii. Progress report in project made till date & its acceptance by Expert Committee.
iii. Copies of bills/ invoices of equipment purchased out of 1st instalment of grant.
iv. Copies of Purchase order of equipment to be procured out of 2nd instalment (in case of private organization)

7. The third and final instalment would be released only on receipt of:

i. Statement of actual expenditure on the project of the Second instalment of grant provided by MoFPI.
ii. Draft Final Project Completion Report duly indicating the objectives of the project achieved by the organization/ university/ institute.
iii. In the case of private organization copies of bills/ invoices of equipment purchased out of 2nd instalment of grant and copies of Purchase order of equipment to be procured out of 3rd installment.

8. As per the present procedure grant shall be released through "Central Plan Monitoring System" of Controller General of Accounts (CGA). You are requested to register your organization with CGA to enable the Ministry to release the grant. You can directly fill-up the details at the link http://pfms.nic.in or alternatively follow the following procedure for registration:-

Open CGA website at http://pfms.nic.in
Central Plan Monitoring System
Agency: Register
Fill-up the Agency Details & Bank Details
Select "PRADHAN MANTRI KISAN SAMPADA YOJANA-HUMAN RESOURCE AND INSTITUTIONS [3612]"

After filling up the details, a copy of the Printout of Agency Registration may be sent to the Ministry for release of the grant.
The agency is also required to register on the EAT module (PFMS Portal) and use the same for processing its expenditure under the project. The expenditure was not found appearing in EAT module of PFMS will not be taken as eligible expenditure.

9. It is requested that the necessary confirmation/ information/ documents on points mentioned above may be furnished urgently so as to enable this Ministry to process the proposal for release of 1st instalment of grant without any delay.

Yours faithfully,

18/X

(Shyam Sundar Agrawal)
Deputy Director

Tel: - 011-26406545
Email: ssagrawal.icoas@nic.in

Copy to:- Dean, Research & Development, Tezpur University, Assam

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FILE NO. SRG/2019/001924

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 06-Nov-20

ORDER

Subject: Financial Sanction of the research project titled "**Big data and Machine learning based approach to understand combined stress response signatures in multiple cultivating crop plants**" under the guidance of Dr. Pankaj Barah, Molecular Biology and Biotechnology , Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2324102/-** (Rs. Twenty Three Lakh Twenty Four Thousand One Hundred and Two **Only**) with break-up of **Rs. *699300*/- under Capital (Non-recurring) head** and **Rs.*1624802*/- under General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 2324102/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Storage Hard disk 8 TB each -> Two socket computing server node with 28 Cores and above	699300
A'	*Total (Non-Recurring)*	*699300*
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	803520 600000 10000 211282
2	Recurring - IV : (Overhead Charges)	*1624802*
B'	*Total (Recurring)*	2324102
C	**Total cost of the project (A' + B')**	

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 699300/-** (Rupees Six Lakh Ninety Nine Thousand Three Hundred only) under 'Grants for creation of capital assets' and **Rs. 413700/-** (Rupees Four Lakh Thirteen Thousand Seven Hundred only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY , Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Start-up Research Grant. (EC Life Sciences)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **01 November, 2019** and vide Diary No. **SERB/F/6282/2019-2020** dated **04 November, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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11. The release amount of **Rs. 1113000/-** (Rupees Eleven Lakh Thirteen Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA MAIN BRANCH, TEZPUR, LAKE ROAD, TEZPUR, SONITPUR, Assam 784001, Phone 03712 220 592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	barah@tezu.ernet.in

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. SRG/2019/001924 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Pankaj Barah** **Molecular Biology and Biotechnology** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: barah@tezu.ernet.in** **Mobile: 9170868911103** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in)
5.	**REGISTRAR, TEZPUR UNIVERSITY ,** **Tezpur University,** Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

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Office of the Registrar
Receipt No 6270
Date 19/12/19
Received by

ज्ञान-विज्ञान विमुक्तये

डॉ. शकील अहमद
संयुक्त सचिव

Dr. Shakeel Ahmad
Joint Secretary

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 19/12/2019
RECEIPT NO 3419
SIGNATURE

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of India)
बहादुर शाह जफ़र मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
दूरभाष Phone : 011-23232055
ई-मेल E-mail : shakeel.ugc@nic.in

22

No. F.2-3/2019 (STRIDE-I)

3 DEC 2019

December, 2019

The Vice-Chancellor
Tezpur University,
Napaam, Tezpur,
Assam 784028

Subject: UGC Assistance for Component-1 (Research Capacity Building and Human Resource Development) under STRIDE - (Duration – 3 Years).

Sir/Madam,

1. This is with reference to the proposal submitted by Tezpur University to support for Component-1 (Research Capacity Building and Human Resource Development) under Scheme for Trans-disciplinary Research for India's Developing Economy (STRIDE) of the University Grants Commission (UGC).

2. On the basis of the recommendations of the Expert Committee at its Interface Meeting held on 26th and 27th November, 2019, I am directed to convey approval of the UGC for the proposal submitted by the University under Component-1 (Research Capacity Building and Human Resource Development) under the STRIDE (duration of 3 years from the date of receipt of first instalment) with the following identified approaches:

   a) Curriculum
   b) Critical Thinking
   c) Faculty Resources
   d) Criteria of Selection
   e) Training Strategies
   f) Training Methods
   g) Implementation Process (time-frame)

The Coordinator of the Project shall be responsible for implementation of the Project as per the identified approaches under the overall supervision of the Vice-Chancellor. He/She may continue till the end of the project or till his/her superannuation.

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3. The financial assistance approved for implementing the present project for a duration of 3 years is given below : -

S. No.	Non-Recurring (Items)	Rs. (In Lakh)
1.	Equipments:	10.0
2.	Upgradation/augmentation extension of existing laboratory for housing and installation of new equipment including air-conditioning	1.0
	TOTAL	11.0
S. No.	Recurring(Items)	
1.	Core Assistance (Participant Cost and Hiring Services)	15.0
2.	Human Resources (Subject Experts) Cost	10.0
3.	Contingencies (Utilities, Stationary and Miscellaneous)	5.0
4.	Travel (Domestic and International)	2.0
	TOTAL	32.0
	Grand Total(NR+R)	43.0

Amount in words: Rupees Forty Three lakh only.

4. The University is requested to take immediate steps tosubmit the following documents for necessary action:

   i) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University.
   ii) Name of the competent University Officer with full address and other bank details in (mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.
   iii) A Certificate from the Registrar of the University that it is eligible to receive the UGC financial assistance.

5. The first installment of admissible grant will be released only on the receipt of requisite documents requested vide para4 by return of post.

6. The University is required to maintain a separate flexi saving bank account for the grants released for Component-1 (Research Capacity Building and Human Resource Development) under STRIDE. Interest earned against Grant-in-aid (other than reimbursement) released to any grantee institution should be mandatory remitted to the UGC account immediately after finalization of account. Any interest earned out of Grant-in-aid should not be allowed as additional funds over and above the allocation.

7. The University shall constitute immediately a Mentoring and Monitoring Committee (MMC) as per the STRIDE guidelines which can be downloaded from UGC's website ww.ugc.ac.in and follow the terms of reference of the Mentoring and Monitoring Committee (MMC) to ensure effective implementation and monitoring of the Project.

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8. The task of purchasing of equipments and upgradation/augmentation/extensions of existing laboratory for housing and installation of new equipment including air-conditioning, if any, should be completed within a year from the date of receipt of the grant by the University. It may be noted that if it is not done within a year from the date of receipt of the grant by the University, the approval shall be considered as lapsed.

9. No request for any change in the effective date of the implementation of the Project will be considered.

10. The second/subsequent installment of grant for any approved items will be considered and sanctioned only on the receipt of the year-wise & item-wise Utilization Certificate along with annual progress report for the earlier installment in the prescribed form duly signed by the Registrar/Principal/Finance Officer as the case may be.

11. The annual progress report shall be submitted as per the Guidelines of STRIDE.

12. The University shall include all existing conditions also communicated from time to time by UGC in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the UGC.

13. The University shall take all possible measures to ensure effective implementation of policies and general financial rules of Government of India.

14. This approval is subject to the fulfillment of condition of inclusion of the University under section 2(f) and 12(B) of UGC Act, 1956 or any policy decision in this regard.

15. The University shall strictly follow the STRIDE Guidelines posted on UGC website.

16. The Project will be withdrawn at any point of time if it is found that the institution is ineligible or grant is not utilized for the purpose which it has been sanctioned or UGC rules have not been followed for utilizing the grant.

Yours faithfully,

(Dr. Shakeel Ahmad)
Joint Secretary (STRIDE)

Copy to:

1. The Coordinator of the Project, Tezpur University, Assam 784028.
2. The Secretary (Higher Education),Dispur, Assam.
3. The Joint Secretary (Regional Office), Guwahati - 781 006 Assam.
4. Guard File.

(Nirmal Kaur)
Under Secretary

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(14)

Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: mmp2016rpr@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. 02/138/2019-20/MN/RP

Dated: 13-12-2019

The REGISTRAR,
Department of Education,
Tezpur University, Napaam,
Tezpur, Assam, PIN -784028

Subject: Sanction of **Minor Research Project** entitled **"Problems Faced By The Children Of Tea Garden Workers At Secondary Level Education In Assam: An Analytical Study"** to **Dr. Nil Ratan Roy.**

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **DR NIL RATAN ROY ,Associate Professor & Head, Department of Education,Tezpur University,**Co-Project Directors of the study are: Nil.

2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.

3. The ICSSR has sanctioned a grant-in-aid of **Rs.350000/-** (Rupees Three Lakh Fifty Thousand Only) for the above research project and the grant will be released as follows:

First instalment	:Rs. 140000/-
Second instalment	:Rs. 105000/-
Third instalment	:Rs. 70000/-
Fourth Instalment	:Rs. 17500/-
Publication cost*	**:Rs. 17500/-**
Total	**:Rs.350000/-**
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 17500/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .
**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs.350000/- is enclosed.)

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4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. **(GIB already received).**
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
   A. If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
   B. If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory **six/nine monthly/annual** progress report along with a simple statement of account of the account for the first instalment (Depending upon the duration of the Project).
7. The Third instalment will be released after receiving the Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (one) and the statement of account of the second instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
8. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
9. The Fourth instalment will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.
10. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @5.00%** of the total expenditure incurred on the project only after successful completion of the project.
11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
12. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
13. The Director of the research project will be **Dr. Nil Ratan Roy**, who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is , **21-11-2019** as intimated by the scholar.

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14. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

15. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**

17. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**

18. All project instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.

19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as above.
Copy to:

1. DR NIL RATAN ROY ,
Associate Professor ;
Head, Department of Education,
Tezpur University, Napaam,
Tezpur, Assam, PIN -784028

2. Finance Branch, ICSSR, New Delhi

3. Record file

(Revathy Vishwanath)
For MEMBER-SECRETARY

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12/14/2020 [Fwd: No-Cost Extension]

From: "Prof Nil Ratan Roy" <niledn@tezu.ernet.in>
Subject: [Fwd: No-Cost Extension]
Date: Mon, December 14, 2020 10:19 am
To: deanrnd@tezu.ernet.in

Project Proposal (54)

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 14.12.20
RECEIPT NO.....
SIGNATURE ...6249.....

Sir,
The project has been extended only upto 3 months, although I asked for 6 month. Since the time is going very fast, I therefore request you to kindly process the advertisement as early as possible, so that rest of the works may be completed within due time.

Regards,
Prof Nil Ratan Roy

---------- Original Message ----------
Subject: No-Cost Extension
From: "icssr researchproject" <mmp2016rpr@gmail.com>
Date: Fri, December 11, 2020 3:01 pm
To: "Dr Nil Ratan Roy" <niledn@tezu.ernet.in>

Revathy Vishwanath

Deputy Director

RP Division (RPS & RPR) In-charge

E-Mail:rpsicssr@gmail.com,

Tel-011-26742351/26716690

HOD
Nil Ratan Roy
14/12/20

F.No.02/138/SC/2019-2020/RP/Minor
Dated: December 11, 2020

Dear *Dr.Nil Ratan Roy*,

Kindly refer to your letter dated 08-10-2020 requesting for no-cost extension for six months regarding your Minor Research Project awarded to you on * `` Problems faced by the children of Tea Garden workers at Secondary Level Education in Assam: An Analytical Study".*

Your request was considered by the competent authourity and I am directed to inform you that it's approved upto end of February 2021. Kindly *submit the final report positively* by 28-02-2021.

Original duration of 12 months: 21-11-2019 to 20-11-2020

No-cost Extension sought : 21-11-2020 to 20-05-2021 (6 months)

Extension approved for : 21-11-2020 to 28-02-2021 (3 months)

The extension is granted subject to the condition that there shall be no change in the approved budget and no request for further extension beyond the approval period will be entertained. But you are permitted to utilise the grant in the extended period.

Send us copies of your published artiles/or acceptance letter from the publisher along-with copies for our records.

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506244/2019/NLM

No Q-13013/22/2018- AI(RD)
Government of India
Ministry of Rural Development
Department of Rural Development

Room No. 610, Block-11,
CGO Complex, Lodhi Road, New Delhi
Dated: 18th December, 2019

To

Shri Subhrangshu Sekhar Sarkar
Department of Business Administration
Tezpur University
Napam, Assam-784028

Subject: Third Party Evaluation Study of 100 clusters of Phase-1 under Shyama Prasad Mukherjee Rurban Mission reg-

Sir,

I am directed to refer to your letter dated 17th July, 2019 and subsequent mail dated 6th November, 2019 on the subject mentioned above and to convey approval of the Competent Authority to award the evaluation study on **"Third Party Evaluation Study of 100 clusters of Phase-1 under Shyama Prasad Mukherjee Rurban Mission" for Zone-10** covering clusters of North Eastern States to Tezpur University. Assam. The total cost of the study will be**Rs.35,99,860/- (THIRTY FIVE LAKH NINETY NINE THOUSAND EIGHT HUNDRED SIXTY ONLY) plus taxes as applicable** and to be completed within a period of 5 months from the date of signing of contract. Performance security for an amount of 5% of the total project cost i.e. Rs. 1,79,993/- will be deducted from the first installment For further details ToR and contract may be referred to. It is requested to submit the following documents latest by 27th December 2019.

1. Acceptance letter
2. Signed copy of ToR each page need to be signed & stamped
3. Signed copy of Contract/Agreement on Non judicial Stamp paper of Rs. 100/- each page need to be signed & stamped
4. Signed copy of proforma duly filled by the Registrar / Head of the Institution with stamp.
5. Pre-receipt, affixing revenue stamp for 1st installment and invoice (25% of total project cost)
6. Receipt of submission of GST, if university is claiming for the same.
7. Banking details of the Institute(A/c No, Bank Name and Branch, IFSC Code etc) on the letter head of the Institute
8. Attested copy of PAN and cancelled cheque of the above said bank.

In addition to above, it is further requested to register your institute in the PFMS (Public Finance management System), if not registered already and forward a copy of registration to the undersigned.

Yours faithfully

(D.P. Shukla)
Under Secretary to the Govt of India

Encl : ToR, contract & proforma of undertaking.

Copy to:

1. Prof. Vinod Kumar Jain. Vice-Chanellor, Tezpur University, Assam-784028
2. Dr. Biren Das, Registrar Tezpur University, Tezpur University, Napam, Assam-784028

506243/2019/NLM

No Q-13013/22/2018- AI (RD)
Government of India
Ministry of Rural Development
Department of Rural Development

Room No. 610, Block-11,
CGO Complex, Lodhi Road, New Delhi
Dated: 18th December, 2019

To

Shri Subhrangshu Sekhar Sarkar
Department of Business Administration
Tezpur University
Napam, Assam-784028

Subject: Third Party Evaluation Study of 100 clusters of Phase-1 under Shyama Prasad Mukherjee Rurban Mission reg-

Sir,

I am directed to refer to your letter dated 17th July, 2019 and subsequent mail dated 6th November 2019 on the subject mentioned above and to convey approval of the Competent Authority to award the evaluation study on **"Third Party Evaluation Study of 100 clusters of Phase-1 under Shyama Prasad Mukherjee Rurban Mission" for Zone-9,** covering clusters of Odisha and Bihar to Tezpur University. Assam. The total cost of the study will b e **Rs.37,97,860/- (THIRTY SEVEN LAKH NINETY SEVEN THOUSAND EIGHT HUNDRED SIXTY ONLY)plus taxes as applicable** and to be completed within a period of 5 months from the date of signing of contract. Performance security for an amount of 5% of the total project cost i.e. Rs. 1,89,893/- will be deducted from the first installment.For further details ToR and contract may be referred to. It is requested to submit the following documents latest by 27th December 2019.

1. Acceptance letter
2. Signed copy of ToR each page need to be signed & stamped
3. Signed copy of Contract/Agreement on Non judicial Stamp paper of Rs. 100/- each page need to be signed & stamped
4. Signed copy of proforma duly filled by the Registrar / Head of the Institution with stamp.
5. Performance
6. Pre-receipt, affixing revenue stamp for 1st installment and invoice (25% of total project cost)
7. Receipt of submission of GST, if university is claiming for the same
8. Banking details of the Institute(A/c No, Bank Name and Branch, IFSC Code etc) on the letter head of the Institute
9. Attested copy of PAN and cancelled cheque of the above said bank.

In addition to above, it is further requested to register your institute in the PFMS (Public Finance management System), if not registered already and forward a copy of registration to the undersigned.

Yours faithfully

(D.P. Shukla)
Under Secretary to the Govt of India

Encl : ToR, contract & proforma of undertaking.

Copy to:

1. Prof. Vinod Kumar Jain. Vice-Chanellor, Tezpur University, Assam-784028
2. Dr. Biren Das, Registrar Tezpur University, Tezpur University, Napam, Assam-784028

No.SR/FST/ET-II/2018/241(C)

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
R & D (Infrastructure) DIVISION

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016

27th December, 2019

ORDER

Subject: Financial assistance (1st installment) to the **Department of Electronics and Communication, Tezpur University Napaam. Tezpur, Assam** under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 1,72,80,000/- (Rupees One crore seventy two lakh and eighty thousand only)** for 5 years The detailed breakup of the grant for General as well as Capital Components are given below:

To augment of research facilities in the Department
Capital Assets: Rs. 160.0 L
E–Rs. 160.0 L [i) EDA Tool – Rs 35 L ii) Device Tool (TCAD) - Rs 20 L iii) MEMS design tool – Rs 10 L iv) Matlab – Rs 10 L v) I-V and Quantum Efficiency Measurement Setup (temperature dependent)- Rs 60 L vi) Multi-channel Bio signal Acquisition System- Rs 15 L vii) FPGA kit/board Starter kit – Rs 10 L]
General Components: Rs. 12.80 L
M– Rs. 12.80 L
Total : Rs. 172.80 Lakh

2 The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1st year	2nd year	3rd year	4th year	5th year	Total
Equipment	140.0	20.0	-	-	-	160.0
Maintenance	-	3.0	3.0	3.0	3.80	12.80
Total	140.0	23.0	3.0	3.0	3.80	172.80

3. Sanction of the President is also accorded to the release of **Rs. 1,40,00,000/- (Rupees One crore and forty lakh only)** to the **Registrar, Tezpur University Napaam. Tezpur, Assam** under FIST Program as a 1st instalment of the grant in 2019–2020 under '**creation of capital assets**' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the '**Equipment'**. The break-up of the 1st installment grant released now would be '**Equipment': Rs. 140.0 lakh for procurement of all Equipment mentioned above except (i) MEMS design tool (ii) Matlab [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process].**

4. **The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure.** The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

Contd. 2/

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id genrated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.

8. **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**

9. The grant-in-aid being released is subject to the condition that:

(a) a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and

(b) while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

c) Grantee Institute may furnish copy of invoice in respect of equipments worth Rs. 5.0 L and above along with coustoms clearance certification (in case of imported equipments) after procurement of the equipments.

d) Servers, Desktops, Workstations, Printers etc. may be procured through GeM (Government E-Market) platform.

e) Grantee Institute will furnish copy of bills showing expenditure incur on maintenance of the equipments after warranty period of respective equipments are over.

10. "In terms of Rule 230(8) of GFR 2017, the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, generated against released Grant shall be remitted to Consolidated Fund of India".

11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

Contd..3/.

15 The expenditure involved is to be debited to
Demand No -86 Department of Science & Technology;
"3425" -Other Scientific Research (Major Head);
60-Others (Sub Major Head);
60.200-Assistance to other Scientific Bodies (Minor Head);
68– Science and Technology Institutional and Human Capacity Building
68.00.35–Grants for creation of capital assets for the year 2019-2020 (Voted)
[Previous: R&D Support 3425.60.200.25.01.35]
The above release is made under 'R&D ' Scheme

16. The amount of **Rs. 1,40,00,000/- (Rupees One crore and forty lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Tezpur University Napaam. Tezpur, Assam.** The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: **Registrar, Tezpur University**
2. Name of the Bank: State Bank of India
3. Bank Account Number: 10501585452
4. IFSC Code: SBIN0000195
5. MICR Code:

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.207 in the register of grants maintained in the Division for the scheme (R&D Support).

17. This issues with the concurrence of IFD Vide their **Concurrence Dy.No.4870 dated the 26.12.2019.**

(Arindam Bhattacharyya)
Scientist `E'
Email: a.bhattacharyya@nic.in

To
The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi

Copy forwarded for information and necessary action to:

1. Cash Section (with two spare copies).

2. **Head**,
Department of Electronics and Communication,
Tezpur University Napaam.
Tezpur, Assam

3. **Registrar,**
Tezpur University Napaam.
Tezpur, Assam

4. Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002.
5. Office of Account General, Assam, Dispur.
6. FIST-Secretariat.
7. CoA / IFD, DST, New Delhi.
8. Head, R & D (Infrastructure), DST New Delhi.
9. Sanction Folder.

(Arindam Bhattacharyya)
Scientist `E'
Email: a.bhattacharyya@nic.in

Ah

FILE NO. IMP/2019/000247

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Dec-2019

ORDER

Domain: **Energy Security**
Subject: Financial Sanction of the research project titled "**Multi-Crop Residue Processing Technology Package for Production of Fuel and Fertilizer**" under the guidance of Prof. Debendra Chandra Baruah, Energy, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Mr. Satadru Kashyap, Assistant Professor, Dpartment Of Mechanical Engineering, Tezpur University and by Dr. Nabin Sarmah, Assistant Professor, Energy, Tezpur University and by Dr. Durlav Sonowal, Assistant Professor, Electronics And Communication Engineering, Tezpur University and by Dr. Eeshan Kalita , ASSISTANT PROFESSOR, DEPARTMENT OF MOLECULAR BIOLOGY & BIOTECHNOLOGY (MBBT), Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 14078592/- (Rs.** One Crore Forty Lakh Seventy Eight Thousand Five Hundred and Ninety Two **Only)** with break-up of **Rs. *4450000*/- under Capital (Non-recurring) head** and **Rs.*9628592*/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 14078592/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> FRP Gel Coat spray gun -> Harvester and chopper (Tractor mounted) JF92 AT1000 (Basant Products India -> Automated Weather Chamber -> Bio CNG Tractor -> Heat Sealing machine -> Anaerobic Jar system and accessories	4450000
A'	*Total (Non-Recurring)*	***4450000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	5598720 2750000 0
2	Recurring - IV : (Overhead Charges)	1279872
B'	*Total (Recurring)*	***9628592***
C	**Total cost of the project (A' + B')**	**14078592**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 4450000/-** (Rupees Forty Four Lakh Fifty Thousand only) under 'Grants for creation of capital assets' and **Rs. 3209530/-** (Rupees Thirty Two Lakh Nine Thousand Five Hundred and Thirty only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Impacting Research Innovation and Technology (IMPRINT-2). (PAC Energy)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **26 December, 2019** and vide Diary No. **SERB/F/8089/2019-2020** dated **26 December, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, It should be ensured that not more than Rs. **800000** under Travel and Rs. **150000** under Contingency should be spent.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 7659530/-** (Rupees Seventy Six Lakh Fifty Nine Thousand Five Hundred and Thirty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	**TU**
Account Name	**TEZPUR UNIVERSITY R&D**
Account Number	**30448821505**
Bank Name & Branch	**State Bank of India Main Branch, Tezpur,Lake Road, Tezpur,Sonitpur,Assam- 784001**
IFSC/RTGS Code	**SBIN0000195**
Email id of A/C Holder	**registrartu@tezu.ernet.in**
Email id of PI	**baruahdeben@gmail.com**

11.The institute will furnish to the SERB separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. IMP/2019/000247 should be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

21/04/21

(Dr. Shilpi Paul)
Scientist E
ms_energy@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy

4.	**Prof. Debendra Chandra Baruah** **Energy** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: baruahdeben@gmail.com** **Mobile: 919435508563** **Mr. Satadru Kashyap** **Dpartment Of Mechanical Engineering** **Tezpur University** **Dr. Nabin Sarmah** **Energy** **Tezpur University** **Dr. Durlav Sonowal** **Electronics And Communication Engineering** **Tezpur University** **Dr. Eeshan Kalita** **DEPARTMENT OF MOLECULAR BIOLOGY & BIOTECHNOLOGY (MBBT)** **Tezpur University** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)
6.	**Secretary,** **Department of Science & Technology** Ministry of Science and Technology Technology Bhavan, New Mehrauli Road, New Delhi-110016 Email: dstsec@nic.in
7.	**Secretary (Higher Education)** Ministry of Human Resource Development Shastri Bhavan, New Delhi- 110 001 Email: secy.dhe@nic.in

(Dr. Shilpi Paul)
Scientist E
ms_energy@serbonline.in

(7)

Scheme for Transformational and Advanced Research in Sciences
Ministry of Human Resource Development
Implemented by Indian Institute of Science, Bangalore

MHRD-STARS, Room No. 5,
Old Biochemistry building,
IISc Campus,
CV Raman road,
Bangalore - 560012

File. No: STARS/APR2019/NS/527/FS
Date: 31.12.2019

FINANCIAL SANCTION ORDER

Subject: Financial sanction of the research project (ID: **527**) in the domain Nano Sciences entitled '**Optimization of nanocatalysts for sustainable conversion of food wastes into value added products**' under the guidance of Dr. Eeshan Kalita, Tezpur University, Tezpur - **Release of first instalment**

1. Sanction is hereby accorded to the above-mentioned project at a total cost of ₹. 5380000/- with break-up as given below for a project duration of three years.

Amount in Rupees (₹)

Sl. No.	Head	Year I	Year II	Year III	Total
	A. Non-recurring items				
1	Equipment	2800000	0	0	2800000
	Total A	**2800000**	**0**	**0**	**2800000**
	B. Recurring items				
2	Manpower	402000	402000	402000	1206000
3	Consumables	150000	300000	150000	600000
4	Contingency	50000	50000	50000	150000
5	Facility charges	10000	20000	11000	41000
6	Travel	25000	35000	35000	95000
7	Overhead	161000	161000	166000	488000
	Total B	**798000**	**968000**	**814000**	**2580000**
	C. Total cost (A + B)	**3598000**	**968000**	**814000**	**5380000**

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2. The approved research team is (Name, Gender, Institute):
Principal Investigator: Dr. Eeshan Kalita (M) (Tezpur University, Tezpur)
Co-Principal Investigator: Ramesh Ch Deka(M)(Tezpur University)

3. The approved objectives under the project are:

1. Evaluating detailed molecular-level investigation of biomass to FAL/HMF reaction pathways via multiscale modelling (MSM).
2. Synthesizing tailored catalysts with well-defined composition and structure based on the computational study for specific reactions to enhance yields and facilitate process integration.
3. Validation of the computational model experimentally by applying the synthesized tailored catalysts in the conversion reaction of food waste to value-added chemicals (FAL and HMF).

4. The PI will obtain the necessary permissions (such as ethical clearance) to implement the sanctioned project.
5. Sanction is also accorded to the payment of ₹. 2800000/- under 'Grants for creation of capital assets' and ₹. 798000/- under 'Grants-in-aid General' to the Tezpur University, Tezpur being the first instalment of the grant for the year 2019-2020 for implementation of the said research project.
6. The expenditure involved is debitable to Fund for STARS (PFMS scheme code: 3668).
7. The Sanction has been issued to Tezpur University, Tezpur with the approval of the competent authority under delegated powers.
8. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
10. The sanctioned equipment would be procured as per GFR and its disposal would be done with prior approval of STARS.
11. The release amount of ₹. 3598000/- will be disbursed by means of RTGS transaction as per the Bank details given below:

PFMS unique code	TU
Account Name	Registrar, Tezpur University
Account Number	30448821505
Bank Name & Branch	State Bank of India, Main Branch
IFSC/RTGS Code	SBIN0000195

12. Quotations for non-recurring budget should be submitted to the STARS office at the earliest to enable release of funds.
13.
    a. The fund will be released to the PI institution. It is the responsibility of the PI to distribute the funds to the co-PI(s) as mentioned in the proposal. Change of research team is not permitted.
    b. The institute/University/Entity will furnish separate Utilization Certificate (UC) financial year wise to the STARS for Recurring (Grants-in-aid General) and Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the

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grant immediately after the end of each financial year. While furnishing UC, the expenditure incurred by the co-PI shall be included.

14. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to STARS office. The interest thus earned will be treated as credit to the institute to be adjusted towards further instalment of the grant.
15. The project File no. should be mentioned invariably in all research communications arising from the above project with due acknowledgement of STARS.
16. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and STARS will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project
17. As this is the first grant being released for the project, no previous UC is required.
18. The institute may refund any unspent balance to STARS.
19. The Project Investigator should submit the progress/completion reports as required by the STARS office in a publishable form.
20. In email communications, proposal ID should be prefixed in the subject line (Example: [123] Submission of UC).

All queries may be addressed highlighting kind attention to:

Finance related: Sh. S. R. Lakshiminarasimhan

Technical related: Dr. Thulasiraman Natarajan

Contact details:

STARS Office, Email: bgopal.stars@iisc.ac.in; Phone: 080-2293-3697

****

Copy to:

1. Principal Investigator
2. STARS FILE COPY

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(2)

FILE NO. CRG/2019/000380

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 07-Jan-2020

Subject: Financial Sanction of the research project titled "**A study on laser-driven ion acceleration from plasma target and generation of large scale magnetic field in relativistic laser plasma interaction** " under the guidance of Prof. NILAKSHI DAS, Department of Physics, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 and by Dr. Gazi Ameen Ahmed, Associate Professor, Department Of Physics, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 2556400/-** (Rs. Twenty Five Lakh Fifty Six Thousand Four Hundred **Only**) with break-up of **Rs. *800000*/- under Capital (Non-recurring) head** and **Rs.*1756400*/- under General** (Recurring) **head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2556400/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Computer and accessories	800000
A'	*Total (Non-Recurring)*	***800000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 350000 10000
2	Recurring - IV : (Overhead Charges)	232400
B'	*Total (Recurring)*	***1756400***
C	**Total cost of the project (A' + B')**	**2556400**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 800000/-** (Rupees Eight Lakh only) under 'Grants for creation of capital assets' and **Rs. 592000/-** (Rupees Five Lakh Ninety Two Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Physics-2 (Lasers Optics Atomic & Molecular Physics,Plasma High Energy Nuclear Physics Astronomy & Astrophysics and Nonlinear dynamics))

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **06 January, 2020** and vide Diary No. **SERB/F/8522/2019-2020** dated **06 January, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 1392000/-** (Rupees Thirteen Lakh Ninety Two Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

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N·4

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR MAIN BRANCH MAIN BRANCH TEZPUR LAKE ROAD TEZPUR,SONITPUR ASSAM- 784001 Contact phone number +91-3712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	ndas@tezu.ernet.in

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2019/000380 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Prof. NILAKSHI DAS** **Department of Physics** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: ndas@tezu.ernet.in** **Mobile: 919435045696** **Dr. Gazi Ameen Ahmed** **Department Of Physics** **Tezpur University** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

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10

Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: mmp2016rpr@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No. 02/100/2019-20/MJ/RP

Dated: 7-01-2020

The Registrar,
Tezpur University,
Sonitpur, Assam -784028

Subject: Sanction of **Major Research Project** entitled " **Historical Continuity and cultural connotations of the Mask traditions of North East India.** " to **Dr. Joya Chakraborty.**

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above major research project submitted by **Dr. Joya Chakraborty, Associate Professor, Tezpur University, Sonitpur, Assam-784028.** Co-Project Directors of the study is – **Nil**
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs. 9,70,000/-** (Rupees Nine Lakh Seventy Thousand only) for the above research project and the grant will be released as follows:

First instalment	:Rs. 3,88,000/-
Second instalment	:Rs.2,91,000/-
Third instalment	:Rs.1,94,000/-
Fourth Instalment	:Rs. 48500/-
Publication cost*	**:Rs. 48500/-**
Total	**:Rs.09,70,000/-**
Overhead charges over and above 7.5% or maximum Rs.1,00,000	: Rs. 72750/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .
**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs. 09,70,000/- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. **(GIB already received).**
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
   a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
   b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period

Revathy

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6. **The Second instalment** will be released after receiving a satisfactory **six/nine monthly/annual** progress report, one published research paper in peer reviewed journal along with a simple statement of account of the account for the first instalment in prescribed format (Depending upon the duration of the Project).

7. **The Third instalment** will be released after receiving the Final Report (two hard copies and one soft copy in CD/or pen-drive) along with the executive summary (3000 to 4000 words/ten copies) and Research Papers (two) and the statement of account of the second instalment. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.

8. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.

9. **The Fourth instalment** will be released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form after incorporating all corrections, suggestions of the expert; (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution.

10. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @7.5%** over and above
or maximum Rs.1,00,000 of the total expenditure incurred on the project only after successful completion of the project.

11. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.

12. The overhead charges to the affiliating institution over and above @ 7.5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.

13. The Director of the research project will be **Dr. Joya Ckakraborty**, who will be responsible for its completion within **24 Months** from the date of commencement of the project, which is **01-01-2020** as intimated by the scholar.

14. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.

15. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.

16. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org**

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17. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects**.

18. All project instalments will be transferred through **Public Finance Management System (PFMS)** and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.

19. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

8

Yours faithfully,

(Revathy Vishwanath)
For MEMBER-SECRETARY

Encl: as **above.**

Copy to:

1. Dr. Joya Chakroborty,
Associate Professor,
Tezpur Univesity, Sonitpur,
Assam-784028

2. Finance Branch, ICSSR, New Delhi

3. Record file

(Revathy Vishwanath)
For MEMBER-SECRETARY

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9

FILE NO. CRG/2019/000962

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 21-Jan-2020

ORDER

Subject: Financial Sanction of the research project titled "**Design of Ship In A Bottle Complexes and Zeolite-Y Supported Nanocatalysts For C-Cl Bond Activation and C-C Coupling Reactions**" under the guidance of Dr. Kusum Kumar Bania, Chemical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3149025/-** (**Rs.** Thirty One Lakh Forty Nine Thousand and Twenty Five **Only**) with break-up of **Rs. *498750/-* under Capital (Non-recurring) head** and **Rs.*2650275/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3149025/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Rotary evaporator	498750
A'	*Total (Non-Recurring)*	***498750***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 1200000 0
2	Recurring - IV : (Overhead Charges)	286275
B'	*Total (Recurring)*	***2650275***
C	**Total cost of the project (A' + B')**	**3149025**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 498750/-** (Rupees Four Lakh Ninety Eight Thousand Seven Hundred and Fifty only) under 'Grants for creation of capital assets' and **Rs. 883250/-** (Rupees Eight Lakh Eighty Three Thousand Two Hundred and Fifty only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **21 January, 2020** and vide Diary No. **SERB/F/8963/2019-2020** dated **21 January, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 1382000/-** (Rupees Thirteen Lakh Eighty Two Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

PFMS Unique Code	**TU**

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Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA Branch Name: TEZPUR MAIN BRANCHAddress: MAIN BRANCH, LAKE ROAD, TEZPUR, SONITPURASSAM,784007
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	kusum@tezu.ernet.in

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2019/000962 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Arvind Chaudhary)
Scientist C
ipc.serb@gmail.com

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi
3.	File Copy
4.	Dr. Kusum Kumar Bania Chemical Sciences Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 Email: kusum@tezu.ernet.in Mobile: 918011114369 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in)
5.	REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary)
Scientist C
ipc.serb@gmail.com

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FILE NO. CRG/2019/004946

(16)

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

ORDER

Dated: 23-Jan-2020

inancial Sanction of the research project titled **"Crystallization of Drugs Templated by Mimetic ls and Functional Surfaces"** under the guidance of Dr. Bipul Chandra Sarma, Department of Chemical Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011 - Release of 1st grant.

of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a of **Rs. 2930400/- (Rs.** Twenty Nine Lakh Thirty Thousand Four Hundred **Only)** with break-up of **Rs. *0*/- pital (Non-recurring) head** and **Rs.*2930400*/- under General (Recurring) head** for a duration of 36 months. of expenditure for which the total allocation of **Rs. 2930400/-** has been approved are given below:

Head	**Total (in Rs.)**
Non-recurring	
Equipment	0
Total (Non-Recurring)	***0***
Recurring Items	
Recurring - I : (Manpower)	1164000
Recurring - II : (Consumables, Travel, Contingencies)	1500000
Recurring - III : Scientific Social Responsibility	0
Recurring - IV : (Overhead Charges)	266400
Total (Recurring)	***2930400***
Total cost of the project (A' + B')	**2930400**

of the **SERB** is also accorded to the payment of **Rs. 976800/-** (Rupees Nine Lakh Seventy Six Thousand red only) under 'Grants-in-aid General' to **REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Distt. .No.72 Napaam, Tezpur** being the first installment of the grant for the year 2019-2020 for tion of the said research project.

diture involved is debitable to **Fund for Science & Engineering Research (FSER)** **is being made under Core Research Grant. (PAC Organic Chemistry)**

on has been issued to Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur with the approval of nt authority under delegated powers on **23 January, 2020** and vide Diary No. **SERB/F/9025/2019-2020** uary, 2020

the grant is subject to the conditions as detailed in Terms & Conditions available at website w.in).

xpenses are meant for the host Institute towards the cost for providing infrastructural facilities and nistrative support etc. including benefits to the staff employed in the project.

ding operational flexibility among various subheads under head Recurring-II, it should be ensured than Rs. 1.5 lakh each should be spent for travel and contingency.

tioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR der no circumstances it can be reappropriated.

31 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit nstitute is called upon to do so.

ued equipment would be procured as per GFR and its disposal of the same would be done with prior ntB.

mount of **Rs. 976800/-** (Rupees Nine Lakh Seventy Six Thousand Eight Hundred only) will be drawn cretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details

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Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR MAIN BRANCH TEZPUR LAKE ROAD TEZPUR SONITPUR ASSAM PIN 784001 PHONE +91 3712 220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	sarmabipul@gmail.com

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB f Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited state of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be k in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated a credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2019/004946 may also be mentioned in all research communications arising from above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB wil have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their me releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Arvind Chaudha
Scientis
serb.chem.oc@gmail.c

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Bipul Chandra Sarma** **Department of Chemical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: sarmabipul@gmail.com** **Mobile: 919435758147** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Arvind Chaudhary
Scientist
serb.chem.oc@gmail.com

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m.ph

(2)

FILE NO. MTR/2019/000502

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 17-Mar-2020

ORDER

Subject: Financial Sanction of the research project titled ?**Point and interval estimation of some functionals of the distribution function of identically distributed random variables and their sums with applications.** ? under the guidance of **Dr. SANTANU DUTTA, Mathematical Sciences, Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** - Release of 1st grant.

Sanction of **Science and Engineering Research Board** (SERB) is hereby accorded to the above mentioned fellowship at a total cost of **Rs. 6,60,000/- (Rs.** Six Lakh Sixty Thousand **Only)** for a duration of 36 months.

The items of expenditure for which the total allocation of **Rs. 6,60,000/-** has been approved are given below:

S. No	Budget Head	Amount	Total (in Rs.)
1	Research Grant	Rs. 2,00,000/- per annum(for a period of three years)	6,00,000
2.	Overheads	Rs. 20,000/- per annum	60,000
3.	Total Cost	.	**6,60,000**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) to **Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under MATRICS - MATRICS Expert Committee

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. **SERB/F/11096/2019-2020** dated **16 March, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Purpose for which grants can be used are detailed at website (www. http://serb.gov.in/matrix.php).

7. Total expenditure for International travel cannot exceed Rs.2,00,000 of the overall budget.

8. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The release amount of **Rs. 2,20,000/-** (Rupees Two Lakh Twenty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCH, TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM 784028
IFSC/RTGS Code	SBIN0014259
Email address of PI	sdutta@tezu.ernet.in
Email id of A/C Holder	registrartu@tezu.ernet.in
Email address of concerned officer	ms_ms@serbonline.in

11.The institute will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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12. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The File no. MTR/2019/000502 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. As this is the first grant for the fellowship, no previous U/C is required.

15. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "**FUND FOR SCIENCE AND ENGINEERING RESEARCH**" payable at New Delhi.

16. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

17. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

K.K. Magesh

(Dr. Magesh K K)
Scientist C
ms_ms@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. SANTANU DUTTA** **Mathematical Sciences** **Tezpur University , Distt. sonitpur p.b.no.72 napaam, tezpur, Tezpur, Assam-784011** **Email: sdutta@tezu.ernet.in** **Mobile: 916000101097** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY ,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

K.K. Magesh

(Dr. Magesh K K)
Scientist C
ms_ms@serbonline.in

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অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ

(বিজ্ঞান আৰু প্ৰযুক্তি বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Department of Science & Technology, Govt. of Assam)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India

Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : www.astec.gov.in

ASTEC/S&T/1614/9/2019-20/ 1224-1230 Dated 20.03.20

From : Dr. A. K. Misra,
Director, ASTE Council

To : The Registrar,
Tezpur University

Sub : Financial grants for the project titled, "Development of Instant Pressure Drop based Parboiling Process for Production of Komal Chawal with Improved Rehydration Quality".

Ref : Your letter No. DoRD/Project/10-10/651-A dated 31.10.19

Sir,

In inviting a reference to the subject as cited above, the Director, ASTE Council is pleased to sanction a sum of **Rs. 3,16,500/- (Rupees Three Lakhs Sixteen Thousand Five Hundred only)** for the aforementioned project proposal submitted by Dr. Manuj K. Hazarika, Associate Professor, Dept. of Food Engineering and Technology, Tezpur University, Principal Investigator (PI) of the project under the following heads of expenditure:

Sl. No.	Item	1st Year	2nd year	Total
A.	**Non-Recurring**			
1.	Minor accessories to an existing equipment: ICPD treatment chamber			
	i. Vacuum pump for creating high vacuum	40,000	0	40,000
	ii. Pump for creating high hydraulic pressure (up to 15bar)	1,50,000	0	1,50,000
	Sub-Total			1,90,000
B.	**Recurring**			
1.	Consumables	10,000	20,000	30,000
2.	Contingency	30,000	30,000	60,000
3.	Travel	10,000	10,000	20,000
4.	Overhead Charges @15% of the recurring cost	7,500	9,000	16,500
	Total (Rs)			3,16,500

Grand Total: Rs. 3,16,500/- (Rupees Three Lakhs Sixteen Thousand Five Hundred only)

অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ

(বিজ্ঞান আৰু প্ৰযুক্তি বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Department of Science & Technology, Govt. of Assam)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India

Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : www.astec.gov.in

ASTEC/S&T/1614/9/2019-20/ 1224-1230 Dated 20.03.20

From : Dr. A. K. Misra,
Director, ASTE Council

To : The Registrar,
Tezpur University

Sub : Financial grants for the project titled, "Design and Development of an Improved Tricycle Rickshaw".

Ref : Your letter No. DoRD/Project/10-10/639 dated 29.10.19

Sir,

In inviting a reference to the subject as cited above, the Director, ASTE Council is pleased to sanction a sum of **Rs. 2,96,000/- (Rupees Two Lakhs Ninety Six Thousand only)** for the aforementioned project proposal submitted by Dr. Partha Pratim Dutta, Associate Professor, Mechanical Engineering, Tezpur University, Principal Investigator (PI) of the project under the following heads of expenditure:

Components	**Price (Rs.)**
Workstation /Desktop	Rs.1,00,000/-
Consumables raw materials for fabrication of improved tricycle rickshaw	Rs.60,000/-
Travel	Rs.15,000/-
Project Fellow (@Rs.8,000/- month: 12 months)	Rs. 96,000/-
Contingency	Rs.25,000/-
Total (Rupees four lakh only)	**Rs. 2,96,000/-**

Grand Total: Rs. 2,96,000/- (Rupees Two Lakhs Ninety Six Thousand only)

You are requested to note the following points:

- Out of the total sanctioned amount, a sum of Rs. 2,36,000/- (Rupees Two Lakhs Thirty Six Thousand) only will be released as first installment. The balance amount of Rs. 60,000/- (Rupees Sixty Thousand) only will be released after receipt of final report of the project along with the utilization certificate and expenditure statement in our prescribed format duly signed by Head of the Institution/organization and the PI and countersigned by Chartered Accountant against the total sanctioned amount. At the end of the project, the P.I has to submit 3 (three) hardbound project reports (observations, photographs, findings, evaluations, etc).
- Half yearly progress reports are to be submitted by the P.I to the Council regularly.
- All relevant books of accounts including released amount from this Council are to be maintained properly. The accounts shall be open for inspection by the sanctioning authority/audit whenever the institute/ individual is called upon to do.
- Enclosed herewith a copy of "BOND FOR ACCEPTING GRANTS". It should be signed by Head of the Institution/ organization and PI and duly submitted to the Council.
- The above mentioned project is to be completed within two years.

It is to be noted that under no circumstances you can avail any grants/ sanction from any other department against the aforesaid project.

You are requested to submit your acceptance of the grant along with "BOND FOR ACCEPTING GRANTS" and other terms and conditions mentioned above immediately so that the fund can be released accordingly.

Yours faithfully

20.03.2020

(Dr. A. K. Misra)
Director, ASTE Council

Copy to:

1. Dr. Partha Pratim Dutta, Associate Professor, Mechanical Engineering, Tezpur University—PI of the project
2. Concerned file of S&T Division, ASTE Council
3. Dy. FAO, ASTE Council

(Dr. A. K. Misra)
Director, ASTE Council

DST/CCP/CoE/182/2019(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(SPLICE- Climate Change Programme)

Technology Bhavan, New Delhi
Dated 26.03.2020

ORDER

Sub: Financial assistance for the project titled **"Climate Change Impacts and Adaptation for a Climate Resilient North East India" to be implemented by Department of Environmental Science, Tezpur University, Napaam - 784028, Tezpur, Assam. (PI - Dr. Ashalata Devi)** under the National Mission for Sustaining the Himalayan Ecosystem (NMSHE) - Approval of the proposal and release of grants for the first year.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a **total cost of Rs. 6,35,65,808/- (Rupees six crore thirty five lakhs sixty five thousand eight hundred eight only)** for a duration of five years. The detailed breakup of the grant for General as well as Capital components and the items of expenditure as approved are given as below:-

General Component	**Rs. 4,36,81,600/-**
Capital Component	**Rs. 1,98,84,208/-**

Items of expenditure as approved:

Head	I Yr	II Yr	III Yr	IV Yr	V Yr	Total
Non- Recurring	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Non-Recurring Total (A)	19884208	-	-	-	-	19884208
Recurring						
Research Associate (03Nos.) @47000/Month + HRA 8% for 1st & 2nd year, @49000/Month + HRA 8% for 3rd to 5th year	1827360	1827360	1827360	1827360	1827360	9136800
JRF (06 Nos.) @31000/Month + HRA 8% for 1st & 2nd year and SRF (06 Nos.) @35000/Month + HRA 8% for 3rd to 5th year	2410560	2410560	2410560	2410560	2410560	12052800
Lab Assistant (02 Nos.) @20000/Month + HRA 8%	518400	518400	518400	518400	518400	2592000
Consumables (Justification)	900000	1350000	1350000	1350000	1350000	6300000
Travel (Justification)	900000	1300000	1300000	1300000	1300000	6100000
Contingencies (Justification)	100000	100000	100000	100000	100000	500000
Other Costs (Justification)	900000	900000	1400000	1400000	900000	5500000
Recurring Total (B)	**7556320**	**8406320**	**8906320**	**8906320**	**8406320**	42181600
OH charges	300000	300000	300000	300000	300000	1500000
Sub-Total (C)	**7856320**	**8706320**	**9206320**	**9206320**	**8706320**	43681600
Grand Total (A+C)	**27740528**	**8706320**	**9206320**	**9206320**	**8706320**	63565808

The sanction of the President is also accorded to the release of **Rs. 78,56,320/- (Rupees seventy eight lakhs fifty six thousand three hundred twenty only)** being the first installment of grants **under General Head** for implementation of the above mentioned project.

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2. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

3. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

4. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

5. The grant-in-aid being released is subject to the condition that

   a. transparent procurement procedure in line with the Provision of General Financial Rules 2017 will be followed by the institute/organisation under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant:

   b. While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

6. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.

7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants Released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.bharatkosh.gov.in) , immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of Project accounts.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. In case the scheme provides for payment of honorarium/ remuneration/ fellowship/scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emolument/salary/fellowship from any other project either supported by DST or by any other funding agency.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Account Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Rules 2017.

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60	Other (Sub Major Head)
60.200	Assistance to other Scientific bodies (Minor Head)
69.00	Research and Development (SPLICE- Climate Change Program)
69.00.35	Grant for Creation of capital assets for the year 2019-20
	(Previous: SPLICE-CCP – 3425.60.200.56.04.35)

16. **The amount of Rs. 1,98,84,208/- (Rupees one crore ninety eight lakhs eighty four thousand two hundred eight only)** under **'Creation of capital assets'** will be drawn by the Drawing & Disbursing Officer (DDO), DST and will disbursed to the **"Registrar, Tezpur University"** by means of RTGS as per bank details given below:

Name of Account Holder	Registrar, Tezpur University
Name of the Bank & Branch	State Bank of India, Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam
Bank A/C Number	30448821505
IFSC Code	SBIN0000195
MICR Code	784002002

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No 122 in the register of grants maintained in the Division for the scheme Research & Development (SPLICE-Climate Change Program)

17. This issues with the concurrence of IFD vide their Concurrence Dy. No 6454 Dated 26.03.2020

(Susheela Negi)
Sc.'D'/ Ph: 26590551

To,
Pay and Accounts Officer

Copy forwarded for information and necessary action to:

1. The Director of Audit (CW and M-II), Indraprastha Estate, AGCR Building, New Delhi.
2. Head (SPLICE, DST)
3. Section Officer (Cash, 3 Copies), DST
4. Integrated Finance Division
5. **Registrar, Tezpur University, Napaam - 784028, Tezpur, Assam**
6. **Dr. Ashalata Devi, Department of Environmental Science, Tezpur University, Napaam - 784028, Tezpur, Assam**
7. Sanction folder/ file

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OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 17/3/2020
RECEIPT NO 4322
SIGNATURE

Office of the Dean
Receipt No 8515
Date 16/03/20
Received by D.D

(3)

ICMR

Indian Council of Medical Research
Department of Health Research, Ministry of Health and Family Welfare, Government of India

(1) Dean R&D
(2) F.O.

File No: 5/7 1679/NER/Ad-hoc/2019-RBMCH

Date: 06.03.2020

The Registrar,
Tezpur University,
Napaam, Tezpur,
Assam - 784028

Subject: Sanction of budget allotment for the NER Research proposal entitled "Randiomics with Machine Learning Methods towards Prediction of Gall Bladder Cancer"

Sir,

The Director General of the ICMR sanctions the above mentioned research scheme initially for the period of one year initially from 31.03.2020 subject to extension up to the total duration specified in para 4 below:-

1. The Director General of the ICMR also sanctions the budget allotment of Rs. 12,67,448/- as detailed in the attached statement for the period from 31.03.2020 to 30.03.2021. The grant-in-aid will be given subject to the following conditions.
2. The payment of the grant will be made in lump-sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding appointment of the staff is received by the council. The Staff appointed on the project should be paid as indicated in the budget statement.
3. The staff on the project will be recruited as per the rules and procedure of the hot institute and second part of the undertaking be obtained from the employees of the project. The staff grant will not be released unless the required undertaking [part-II] from Head of the Institute is received in this Office.
4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed Performa. The approved duration of the scheme is TWO YEAR. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Five copies of the annual progress report should be submitted to the ICMR every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.
6. Subject to the condition that the grant will be utilize after following the previsions laid down in the GFTs-2017& Ta Rules please keep the fund in the separate saving Bank Account opened for ICMR funded Research projects so that interest earned thereon is credited into the accounts.

The receipt of this letter may please be acknowledge.

Yours faithfully

(Harjeet Kaur Bajaj)
Admn. Officer
For Director General

Copy together with a copy of the budget statement forward to information to:-

1. Dr Rosy Sarmah, Assistant Professor, Deptt. Of CSE, Tezpur University, Napaam, Tezpur, Assam - 784028
2. Accounts. V for information.
3. IRIS Cell No. 2019-7821
4. Budget Section
5. Sh. B.S. Yadav, Sr. To, ICMR, New Delhi.

HD
18/3/20

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File No: 5/7/1679/NER/Ad-hoc/2019-RBMCH
RFC NO. RBMCH/NER/8/2019-20 Dt- 26/02/2020
Date of Start: 31.03.2020
Duration: 2 Year

Subject:- Research Project entitled "Randiomics with Machine Learning Methods towards Prediction of Gall Bladder Cancer"

1st Year Budget
(31.03.2020 to 30.03.2021)

Sl.NO.	BUDGET HEAD	1st YEAR
A.	**Salary**	
(1)	Junior Research Fellow – 31000/- p.m + HRA 8% = 2480 (31000+2480) 33480/-p.m.	4,01,760/-
(2)	Project Technician – 1 @ 16000/- p.m 10% annual increment for 2nd Year (16000 + 710) =16710/- p.m	1,92,000
	Sub Total	**5,93,760/-**
B.	**Recurring (Contingency)**	
(i)	Stationery	10,000/-
(ii)	Publication charges /seminars /workshops	20,000/-
(iii)	Consumables	25,000/-
(iv)	Risk management & Miscellaneous	25,000/-
	Sub Total - B	**80,000/-**
C	**Non – Recurring**	
(i)	High end workstation (computer with accessories) = (Quantity-2)- (Rs. 2,50,000 x 2)	5,00,000/-
(ii)	Network Printer (1)	20,000/-
	Sub Total - D	**5,20,000/-**
D.	Travel	40,000/-
E.	Overhead charges 5% (A+B)	33,688/-
	Grand Total (A+B+C+D+E)	**12,67,448/-**

Total Budget allotment of Rs. 12,67,448/- (Rupees Twelve Lakhs Sixty Seven Thousand Four Hundred Forty Eight Only)

Administrative Officer
For Director General

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1. PVC
2. ~~Dean, R&D~~ for info
3. PO.
4. Dr Nabajyoti, Medhi (CSE)

31/8/20

29

Dean, R&D
Who is the PI of this project? - FI- enlighten.

No. 13(15)/2020-CC&BT
Government of India
Ministry of Electronics & Information Technology
Electronics Niketan, 6, CGO Complex, New Delhi
.....

Dated: 21.07.2020

1232
01/09/20
B.B

The Pay & Accounts Officer
Ministry of Electronics & Information Technology (MeitY)
New Delhi – 110003

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 01.09.2020
RECEIPT NO. 5169
SIGNATURE

Subject: Release of funds for the project "Ensuring QoS in Internet of Medical Things (IoMT) using Software-Defined Networking (SDN)" implemented by Tezpur University for the Financial Year 2020-21.

Implementing Agency: Tezpur University.
Reference: Administrative Approval No. 13(15)/2020-CC&BT dated 21.07.2020.

Sir,

I am directed to refer to this Ministry's communication of even no. dated 21.07.2020 conveying the Approval of the Competent Authority for the implementation of above project with total outlay of Rs.36,39,433/- (Rupees Thirty Six Lakh Thirty Nine Thousand Four Hundred Thirty Three Only) to be implemented by Tezpur University over a duration of 24 months.

2. The sanction of the President of India is hereby conveyed for the 1st instalment of Rs.28,90,249/- (Rupees Twenty Eight Lakh Ninty Thousand Two Hundred Forty Nine Only) towards grants-in-aid for the implementation of the Project "Ensuring QoS in Internet of Medical Things (IoMT) using Software-Defined Networking (SDN)" implemented by Tezpur University for the Financial Year 2020-21.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the terms and conditions of Ministry of Electronics & Information Technology (MeitY). The grants-in-aid is also subject to the Chapter-9 of the General Financial Rules 2017, as amended from time to time, read with Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:

i) All relevant information and documents/certificates as required under 230(1) of GFR, 2017 have been received.

ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Govt. of India Decision No. (1) under DFPR – Rule-20.

iii) Terms and conditions of the service of the employees employed in Tezpur University are not higher than those applicable to similar categories of employees of central Government and where it is not in accordance with above, the relaxation of Ministry of Finance would be obtained for such discrepancies as required under Rule 230(12)(i) of GFR, 2017.

Contd...2/-

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iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.

v) Tezpur University shall agree to make reservations for Scheduled Castes, Scheduled Tribes and OBC in the posts or services under its control on the lines indicated by Govt. of India.

vi) The accounts of Tezpur University shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section-14 of the C&AG (DPC 1971) as amended from time to time.

vii) The accounts of Tezpur University shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG(DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry or Department whenever it is called upon to do so.

viii) Utilization Certificate will be provided after utilization of the grants-in-aid.

ix) Tezpur University may furnish their performance-cum-achievement report to the Sanctioning Authority.

x) Noted at S.No.08 in the Register of Grants.

xi) Tezpur University will spend grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of MeitY and for the purpose it is being sanctioned.

xii) Grants-in-aid to Tezpur University are subject to the Economy Instructions issued from time to time by the M/o Finance or by the Competent Authority.

xiii) Grants-in-aid shall be utilized within the stipulated period from the date of the receipt of the grants-in-aid and unspent balance along with interest, if any, will be refunded by Tezpur University.

xiv) Tezpur University will maintain and will present their annual accounts in the standard format, as required under Rule 230(5) of GFR, 2017.

xv) The Grantee Institute has no Utilization Certificate(s) as due for rendition under the scheme in question.

xvi) All interest or other earnings against GIA or advance (other than reimbursement) released should be mandatory remitted to the consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.

xvii) The implementing agency should ensure compliance of EAT module before approaching for further release under the project.

xviii) In case of Non-recurring Grant for specified object,

a. Tezpur University will have to spend the amount sanctioned to them within the stipulate period.

b. Tezpur University will have to submit the utilization certificate in respect of the Grant sanctioned under Rules 238(1) of General Financial Rule, 2017 and with the form GFR 12-A, ibid.

4. The grantee organization (an Autonomous Body) is exempted from the execution of Surety Bond and is governed by the terms & conditions annexed herewith.

Contd...3/-

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5. Drawing & Disbursing Officer (DDO) of Ministry of Electronics and Information Technology is authorized to prefer the bill to Pay & Account Officer for the release to Rs.28,90,249/- (Rupees Twenty Eight Lakh Ninty Thousand Two Hundred Forty Nine Only) as per bank details given below:-

i) Bank Name, Branch code & Address:	State Bank of India, Tezpur University Branch, Napaam, Tezpur – 784028, Assam.
ii) IFSC Code:	SBIN0014259
iii) Account No. & Type:	30448821505 - SAVING ACCOUNT
iv) MICR No. :	784002005

6. The expenditure involved will be met from within the Sanctioned Budget Grant 24 under Major Head: 2852, Industries:07 Telecommunication & Electronics Industries; 07.102, Digital India Programme (Minor Head); 06 - Electronics R&D in Information Technology/ Electronics/CC&BT; 06.00.31, Grants-in-Aid General for the Financial Year 2020-21.

7. In view of the instructions issued by Ministry of Finance vide OM No.7(1)/E.Coord/202 dated 14.11.2012, it is certified that the Grantee Institute has no Utilization certificates as "due for rendition" under the Rules in respect of all the Schemes/Programmes/Projects of the Ministry of Electronics and Information Technology.

8. This issues with the approval of Secretary, MeitY vide Computer No.3073454 dated 15.07.2020 and concurrence of SS&FA, MeitY vide Computer No.3073454 dated 14.07.2020.

Yours faithfully,

(K. Bhanu Hariharan)
Deputy Director

Copy to:-

1. The Director, Office of the Director General of Audit, Post & Telecommunication, Shamnath Marg, Civil Lines, Delhi-110 054.
2. Integrated Finance Division, MeitY.
3. D&D Section (2 copies), MeitY.
4. The Registrar, Tezpur University, Napaam, Tezpur.
5. GC(GK)/Director(SA)/DD(KBH), MeitY
6. Sanction Folder / Project file.

(K. Bhanu Hariharan)
Deputy Director

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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
HUMAN RESOURCES DEVELOPMENT GROUP (HRDG)
EXTRAMURAL RESEARCH DIVISION (EMR-II)
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 80(0094)/20/EMR-II **Dated: 17.09.2020**

ORDER

To,

DR KUSUM K BANIA,
DEPT OF CHEMICAL SC,
TEZPUR UNIVERSITY,
TEZPUR 784028, ASSAM

Subject: **Grants-in-aid & Financial Sanction of the research project entitled "DESIGN OF ZEOLITE-Y SUPPORTED HETEROGENEOUS CATALYST FOR C-C BOND COUPLING REACTIONS"**

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	**36 Months**		
II	Staff	1-JRF		
III	Contingency (per annum in ₹)	1st Year : 2,50,000	2nd Year : 2,50,000	3rd Year :2,50,000
IV	Equipment (lumpsum in ₹)	5,00,000		

2. The above sanction is subject to review of periodical progress of the project by expert committee.

3. Sanction of the CSIR-HRDG is also accorded by DG CSIR to the release of the following grants for the period 01/09/2020 to 31/03/2021

No	Grants	Amount (in ₹)
I	Staff	2,17,000
II	Contingency	1,45,833
III	Equipment	5,00,000
Total :		8,62,833

4. The sanctioned scheme shall start from the commencement date mentioned in the letter or within 3 months from the date of issue of the letter or commenced as soon as some expenditure has been incurred out of the grant/date of joining of fellow, unless otherwise authorized by CSIR, failing which the scheme will be treated as withdrawn

5. The Institute should ensure to provide (i) a certificate by the PI countersigned by the Head of the department/institution that no other aid-giving agency is funding the work proposed to be done under the scheme sanctioned by CSIR (non-funding certificate); (ii) an agreement in the prescribed Form-A on non-judicial stamp paper of Rs 10/- (each page duly signed by PI); (iii) date of commencement and (iv) RBI-NEFT form (Form-K) to CSIR-HRDG immediately after the receipt of sanction letter

6. Sanction of the grant to appointment of JRF/SRF/RA under this scheme is subject to the conditions as detailed at CSIR-HRDG website (https://csirhrdg.res.in/Home/Index/1/Default/1100/62).

7. The project File no. 80(0094)/20/EMR-II may also be mentioned in all research communications arising from the above project with due acknowledgement of CSIR-HRDG.

GOVERNMENT OF INDIA
NORTH EASTERN COUNCIL SECRETARIAT
NONGRIM HILLS: SHILLONG – 793003

No NEC/HRD&E/Language/Assam/228/2020 **Dated: the 23rd September,2020**

To,

The Accounts Office,
PAO, North Eastern Council,
Nongrim Hills,
Shillong – 3.

Sub : **Grant-in-Aid (Plan/Non-Recurring) to "Centre of Endangered Language, Tezpur University, Napam, Tezpur, Assam, India for "Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endangered languages of North East India for the financial year 2020-21 under Scheme of NEC under MH-2552(31)**

Secretary, NEC in exercise of the financial powers delegated by the Government of India, Ministry of DoNER vide letter No. 4/1/2010-DoNER(NEC) dtd. 7th September,2012& OM No. 1/1/2014-DoNER(NEC) dated 26th November, 2014 has accorded **Administrative Approval** towards the proposal **"Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endangered languages of North East India"** at an estimated cost of **Rs. 79.10 (Rupees seventy nine lakh and ten thousand) only** to be implemented by **Centre of Endangered Language, Tezpur University, Napam, Tezpur, Assam, India-, Pin 784028.** The funding is under Major Head"2552/31.

2. This Administrative Approval is issued subject to the following conditions:-

a) The assets/facilities created for the above studies out of Government Grant will not be transferred/sold /alienated without the approval of NEC and Ministry of DoNER, Government of India

b) Tezpur University shall ensure proper upkeep, maintenance and operation of the assets/facilities created out of the project.

c) The objective/methodologies as outlined in the above sanctioned proposal shall be strictly followed for implementation. There should not be any duplication of efforts/studies already made for the similar works.

3. The project/study for **"Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endangered languages of North East India" is sanctioned for 3 languages of NER namely Netnyi, Khongdei and Zyphe.**

4. The detail particulars/scope of work/specification etc of the work/project is as per the Project Proposal received from Prof M. Borbora, Centre for Endangered Language, Tezpur University, Napam, Tezpur, Assam, India-, Pin 784028 which is as follows:

Contd..page 2

	Name of the Project/study	**Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endangered languages of North East India**
	Project Duration	3 years
	No. of Languages covered in the study	3 (Ref Para 3 above)
	Activities/Items as per the proposal	**Cost (Rs in lakh)**
1	Field Equipment	10.00
2	Workshops, Seminar, Lectures, Meetings, etc	6.00
3	Library books, Journals	6.00
4	Consumables (Paper, Stationery, Cartidges)	1.50
5	Revitalization (Material Development and Publication	4.00
6	Travel-Field Work	15.00
7	Travel- Visitors/ Experts/Consultative Meetings (National and International)	15.00
8	Field Assistant/Employee/Community persons	21.60
	GRAND TOTAL	**79.10**

5. The equipment's to be procured/installed by the University as per the provision of the sanctioned proposal shall be used for **Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endangered languages of North East India** and also for research application/ relevant development for **Language/Scripts** conducted by the University and the facilities may also have to extended exclusively for the similar studies of the Endangered languages/scripts of the said/other Community as desired by the State Governments of NER .
6. The University should submit the copies of the Purchase Order/detail tender invited for the procurement including the purchase order for the specified materials.
7. As for the procurement of the specified materials, the University shall strictly follow either approved procurement policy of Tezpur University or the Govt. of India procurement rule as per GFR 2017.
9. The nodal department will be the Centre for Endangered (CEL), Tezpur Central University.

11. The CEL, Tezpur University would submit through the Register, Tezpur Central University the quarterly physical & financial progress report in the prescribed proforma of NEC to the Financial Adviser, Director (HRD&E) NEC Sectt, Shillong by the 15th of the next month followed by each quarter.

12. It will be open to NEC &DoNER to monitor the progress of the project work as and when felt necessary. NEC's funding for the above scheme should be acknowledged by way of prominently displaying a board at the University premises, indicating that the scheme has been financed by the NEC. The board should also provide information on the date of sanction of the scheme, cost of the scheme, date of commencement of the scheme, date of completion of the scheme etc. A plaque on granite stone with the detailed information of the project may be engraved on the wall of Centre of Endangered Language, Documentation and Revitalization of Netnyi, Khongdei and Zyphe three endanger languages of North East India where the project is being undertaken..

Contd..page 3

13. Proper monitoring of the study should be carried out by the Vice Chancellor, Tezpur University / Planning deptt, State Govt of Assam so as to complete the work as per given scope /specification, within the approved cost and time period.

14. The fund should be utilized only for the purpose for which it has been approved. No diversion of fund for any other purpose would be allowed. Recurring expenditure after completion of the scheme shall be borne by the Tezpur University

15. Utilization Certificate in GFR12-A for the fund released by NEC, Progress Report and photographs are to be submitted after each release. The Register, Tezpur Central University would request the NEC to release the next instalment. The QPR (Physical/financial) with photographs of the equipments installed are to be signed by the Coordinator/ Project Co-ordinator and countersigned by the Finance Officer & Register, Tezpur Central University .

16. The project should be completed within 36(thirty six) months from the date of issue of this sanction. Hence, monthly and quarterly action plan should be drawn up and submitted to NEC Secretariat indicating the milestones to be achieved within definite timeframe in order to facilitate rigorous review and monitoring.

17. The funds for the above study will be released by NEC in two equal instalments of 50% each.

17.1 Initially at the time of issuance of Administrative and Financial sanction, 50% of the fund would be released.

17.2 Second instalment of the project will be released by the NEC once the Implementing Agency mandatorily submits utilization certificate for 75% of the first instalment released and commensurate physical progress duly signed by the Head of designated agency and countersigned by Register and Finance Officer of the Tezpur Central University

18. Audited statement of expenditure from Chartered Accountant to be submitted for the entire amount released by NEC as well before the NEC can consider the release of subsequent & final instalment of fund.

19. The Tezpur Central University would furnish the Utilization Certificate in GFR-12A of 1st and subsequent instalments, completion report, digital good quality photographs of the project and any other such relevant documents with brief status report of the project for considering the closure of the project.

20. Tezpur Central University will submit the detailed report on the outcome of the above project/study after completion of the same with the findings/recommendations arrived out of such studies to State Govt. of NER and also to NEC/ Ministry of DONER and CIIL, MHRD, Govt of India.

21. All the relevant rules of GFR 2017 shall be duly complied with during the implementation of the above project/study. Rule 233 of GFR 2017 shall be strictly applicable in respect of the assets created out of the grants against the above project/study.

Contd..page 4

23. The above expenditure is debitable to the scheme **"Scheme of North Eastern Council"** against the following head of account

Demand No. 022
Major Head – 2552
Sub Major Head – 00
Minor Head -101
Sub Head- 07
Detailed Head -00
Object Head -31 Grants-in-Aid

23. This issues with the concurrence of Financial Adviser, NEC vide **Dy.No. 56 dated: 18/08/2020**

(Gopal Chetri)
Adviser (IFC & WSM) &
I/C Director (HRD&E)

Memo No.NEC/HRD&E/Language/Assam/228/2020 Dated: the 23rd Sept,2020

Copy forwarded to the:-

1. Secretary to Hon'ble Governor, Assam , Guwahati
2. Secretary to Hon'ble Chief Minister, Assam.
3. Chief Secretary, Government of Assam/ Manipur/, Nagaland/ Mizoram/Sikkim/Tripura/Meghalaya/Arunachal Pradesh
4. Joint Secretary, Ministry of Human Resource Development, Govt of India, New Delhi.
5. Secretary, Planning Department, Government of Assam/ Manipur/, Nagaland/ Mizoram/Sikkim/Tripura/Meghalaya/Arunachal Pradesh
   .Secretary, Education Department, Government of Arunachal Pradesh/ Assam/ Manipur/, Nagaland/ Mizoram/Sikkim/Tripura/Meghalaya
6. The Vice Chancellor, Tezpur Central University, Napam, Tezpur, Assam, India
7. The Register, Tezpur University, Central University, Napam, Tezpur, Assam, India
8. The Finance Officer, Central University, Napam, Tezpur, Assam, India,
9. Coordinator , Centre for Endangered Language, Central University, Napam, Tezpur, Assam, India,
10. Director (NEC), Government of India, Ministry of Development of NE Region, Vigyan Bhavan Annexe, Maulana Azad Road, New Delhi – 110011.
11. Accountant General (A&E), Sikkim, Gangtok.
12. Accountant General (Audit), Meghalaya etc, Shillong.
13. P.S. to Secretary, NEC Sectt, Shillong.
14. Financial Adviser, NEC, Sectt Shillong.
15. Planning Adviser, NEC Sectt, Shillong.
16. Economic Adviser(HR), NEC Sectt., Shillong.
17. Director (E&M), NEC, Sectt, Shillong.
18. Director (IPR), NEC Sectt, Shillong.
19. Finance Wing, NEC Sectt, Shillong.
20. Sr. Technical Director, NIC- NEC Sectt, Shillong.

(Gopal Chetri)
Adviser (IFC & WSM) &
I/C Director (HRD&E)

No.12014/58/2020-HR/E-Office:8047112

Government of India
Ministry of Health and Family Welfare
(Department of Health Research)

2nd Floor, IRCS Building,
Red Cross Road, New Delhi-01
Date: 20/11/2020

ORDER

Subject: HRD Scheme of the Department of Health Research for **"Young Scientist"** – project titled **"To explore the role of exercise-induced myokines on adipocyte-macrophage crosstalk and the prevention of adipose tissue inflammation and insulin resistance"** PI: **Ms. Archana Sinha.**

With the approval of the Competent Authority, sanction is accorded for funding of the project titled "**To explore the role of exercise-induced myokines on adipocyte-macrophage crosstalk and the prevention of adipose tissue inflammation and insulin resistance**" to **Ms. Archana Sinha,** C/o Dr. Suman Dasgupta, Asst. Prof., Department of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Napaam, Sonitpur, Assam - 784028 under **Young Scientist** - HRD Scheme of the **Department of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Napaam, Sonitpur, Assam – 784028** on the terms and conditions detailed here under:-

2. The objectives of the project shall be:-
   i. To study the role of exercise-induced myokine on the cross-talk of adipocytes and macrophages.
   ii. To examine the underlying mechanism of exercise-induced myokine on the prevention of adiposetissue inflammation.
   iii. To explore the molecular mechanism of exercise-induced myokine action on insulin sensitivity.

3. **PI: Ms. Archana Sinha** shall be responsible to carry out the project work under guidance/ mentorship of **Dr. Suman Dasgupta,** Asst. Prof., Department of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Napaam, Sonitpur, Assam - 784028.
4. The duration of the project shall be for **3 years** only.
5. The date of project start shall be effective from the date of joining of PI as **Young Scientist** in the project after sanction of grant or joining should not be later than 15 working days from the issue of the forwarding letter & sanction order.
6. The budget for the project shall be **Rs. 30,08,250/- (Rupees Thirty Lakhs Eight Thousand Two Hundred Fifty Only)** as per the details indicated in the attached statement [Annexure-I].
7. The grant for the first year for **Rs.11,81,250/- (Rupees Eleven Lakhs Eighty One Thousand Two Hundred Fifty Only)** is released as detailed in the attached statement [Annexure-II].
8. Further grant will only be released on the basis of work performed by the PI in this

project which is subject to the review by the Technical Evaluation Committee of the Department and recommendations thereon.

9. The payment of grant-in-aid will be further subject to the GRF-2017/DFPR-1978/Receipt and Payment Rules 1983 (as amended from time to time) and also subject to the following terms and conditions:

i. The grant of the project will be released in favor of "**TEJPUR UNIVERSITY R&D, Assam".**

ii. The Host Institute would be required to submit the Quarterly/annual progress report, the final completion report and the audited Utilization Certificate annually by the end of March as per GFR -238 etc., as per provisions of the scheme guidelines.

iii. Steps to procure the approved equipment should be initiated immediately (to avoid escalation of cost) by following the GFR guidelines/ prescribed norms of the State Govt.

iv. The salary of staff appointed on the project should be paid as indicated in the budget statement attached. An undertaking would be furnished by the host institution that the staff will be engaged for the project purely on contractual basis and would have no claim to a permanent employment with the DHR. No alteration in the staff approved can be made by the institute/research Organization without the permission of DHR.

v. The Institute shall not dispose of or encumber or utilize the assets acquired wholly or substantially out of the Government grant for purpose other than those for which the grant has been sanctioned without prior sanction of the Government.

vi. The Institute shall maintain a separate account for funds received and expenditure incurred under the said scheme.

vii. If the grant or any part thereof is not utilized for the purpose for which it is sanctioned, it shall be refunded to the DHR immediately.

viii. The Institute should maintain a register in Form GFR-22 of the payment and semi-permanent assets acquired to the DHR immediately.

ix. The register of assets maintained by the Institute shall be made available for scrutiny by the Audit.

x. A utilization certificate in proforma prescribed (GFR 12-A) and the audited statement of accounts should be furnished to the DHR to enable the Government to satisfy themselves that the amount has been utilized for the purpose for which it was sanctioned. These documents should be sent to the DHR immediately after the closure of the current financial year and in any case not later than the end of the third month of the next financial year. (format enclosed)

xi. The accounts of the grantee institution shall be open to inspection by the sanctioning authority and audit both by the CAG of India under the provision of CAG(DPC) Act, 1971 and internal audit wing of the O/o CCA of the Ministry, whenever the institution of organization is called upon to do so.

xii. Grantee/institution receiving the grant shall furnish Achievement-cum performance report (final) two months prior of the scheduled period of the project.

xiii. Utilization of Travel Grant, Contingency Grant, etc would be as per the Guidelines of

the Scheme, which are available on the website of DHR (www.dhr.gov.in)

xiv. DHR guidelines for the extramural projects as available on the ICMR website may also be followed.

xv. Any change in sanctioned budget /salary component/ staff or any component of the approved project will not be entertained.

10. **Other Terms & Conditions of the Grant:**

I. The payment of the grant will be made by the Electronic transfer/ Demand Draft/ Cheque and the receipt of the same shall be duly acknowledged by the Institute.
The Institute should register on PFMS portal to receive funds electronically from the DHR.
All the expenditure, transfer and advances shall be maintained on PFMS portal for monitoring of funds /grant by DHR.
The utilization certificate generated from the PFMS portal will only be accepted and further grant will be release on the basis of utilization certificate.

II. After completion of the project/activity the ownership of the physical and intellectual assets created or acquired out of the funds granted shall vest with the Department.

III. Expenditure should on no account exceed the budget sanctioned for the project. Re-appropriation of savings to meet excess expenditure under various sub heads shall not be made without the approval of the DHR. No expenditure shall be incurred on items not sanctioned under the scheme.

IV. **UTILIZATION OF CONTINGENT GRANT**

A. This is meant for recurring as well as non-recurring expenditure. The contingent grant can be utilized for purposes like, but not limited to:

i. Acquisition of books and documents of relevance to the research topic in case these are not available in the library, these would become the property of the Institution library and after purchase and accession may be issued to Department/Scientist till they are needed.
ii. Charges for specialized investigations for which facilities do not exist in the host institute.
iii. Publication charges/ reprints/ off prints of research papers published as an outcome of the research.
iv. Data entry charges
v. Printing of questionnaire
vi. Computer utilities, charges for analysis of data (computer charges)
vii. Typing of research reports including preparation of the final report
viii. POL
ix. Communication charges
x. The grant cannot be used for purchase of furniture items/ office equipments such as telephone, fax machine, computers etc.

B. For contingency grant exceeding Rs.25,000/- per annum detailed breakup should be given.

V. Extension beyond the approved duration would not be entertained. If interesting/ important leads emerge that need to be followed-up, a separate proposal may be submitted.

Only in exceptional cases, where a valid justification exists, and recommended by the Technical Evaluation Committee and Project Approval Committee an extension can be considered to complete the project.

VI. The host Institute would be required to submit an annual progress report and also give audited statement of expenditure by the Auditor of the research Organization/Institute etc. However, the first progress report should be submitted at least three months prior to the completion of the annual report.

VII. At the completion of the project, the final report should be sent in the prescribed format. The report should be submitted not later three months from the date of completion of the project. Failure to submit the Annual/Final report in time may lead to termination of the project without any notice.

The receipt of the letter may kindly be acknowledged.

Digitally signed by VED PRAKASH SINGH
Date:Wed Oct 21 11:04:50 IST 2020
Reason: Approved

(Dr. V.P. Singh)
DDG (ICMR) & Scientist-E
Department of Health Research
Tel No. 23736088

Copy to:

1. Ms. Archana Sinha, C/o Dr. Suman Dasgupta, Asst. Prof., Department of Molecular Biology & Biotechnology, Tezpur University, Tezpur, Napaam, Sonitpur, Assam - 784028.
2. TEJPUR UNIVERSITY R&D, Assam.
3. The Secretary, DHR & DG, ICMR – For information please.

Annexure-I

No.12014/58/2020-HR

Project titled "**To explore the role of exercise-induced myokines on adipocyte-macrophage crosstalk and the prevention of adipose tissue inflammation and insulin resistance**" PI: **Ms. Archana Sinha.**

(Amount in Rs.)

S. No.	Head	1st Year	2nd Year	3rd Year	Total
1	Stipend @ Rs.50000pm x 12	600000	600000	600000	1800000
2	Consumables	500000	300000	200000	1000000
3	Contingencies	5000	5000	5000	15000
4	Travel	20000	20000	10000	50000
5	Overhead Charges	56250	46250	40750	143250
	Total	**1181250**	**971250**	**855750**	**3008250**

Annexure-II

No.12014/58/2020-HR

Project titled "**To explore the role of exercise-induced myokines on adipocyte-macrophage crosstalk and the prevention of adipose tissue inflammation and insulin resistance**" PI: **Ms. Archana Sinha.**

(Amount in Rs.)

S. No.	Head	1st Year Budget for Release
1	Stipend @ Rs.50000pm x 12	600000
2	Consumables	500000
3	Contingencies	5000
4	Travel	20000
5	Overhead Charges	56250
	Total	**Rs.11,81,250/-**

(Rupees Eleven Lakhs Eighty One Thousand Two Hundred Fifty Only)

HRD Scheme P.NO.01

Sl. No.	Bank Details			Net Payment (In Rs.)	To be Credited to the Account of	Name of the PIs with their Institutes
	Branch Name	Account No.	IFSC Code			
1	State Bank of India, PGIMER Chandigarh	30048326344	SBIN0001524	7,07,620/-	Private Research Grant Account, Director, PGIMER	Dr. Varun Dhir, PGIMER, Chandigarh.
2	State Bank of India, NIN, Secunderabad	52020520463	SBHY0020082	9,94,247/-	The Director, National Institute of Nutrition.	Dr. Sukesh Narayan Sinha, National Institute of Nutrition, Hyderabad.
3	State Bank of India, JNU Branch	10596550879	SBIN0010441	18,40,000/-	Finance Officer, JNU	Dr. Vikrant Singh Rajput, JNU, New Delhi.
4	State Bank of India, AIIMS, Ansari Nagar.	35565254056	SBIN0001536	10,45,546/-	AIIMS ICMR RESEARCH Account	Dr. Khushboo Irshad, AIIMS, New Delhi.
5	State Bank of India, NIIMHANS, Bangalore	54004640402	SBIN0040675	3,55,183/-	NIMHANS AIDED PROJECT DF A& CAO RESGISTRAR	Prof. Manoj Kumar Sharma, NIMHANS.
6	State Bank of India,	30448821505	SBIN0000195	11,81,250/-	TEZPUR UNIVERSITY R&D	Ms. Archana Sinha, Tejpur University R&D, Assam.
Grand Total				61,23,846/-		

A Cheque No. .....Dated .....

For: Rupees Sixty One Lakhs Twenty Three Thousand Eight Hundred Forty Six only is enclosed.

It is also pointed out that no charge may be debited to our account for the above remittance as the Council transacts Govt. funds in public interest.

(Dealing Hand)

(Section Officer)
Account-V

Copy to: -

1. A.O. DHR,(ICMR)

भारतीय आयुर्विज्ञान अनुसंधान परिषद
Indian Council of Medical Research
लेखा / प्रशा० अधि० (लेखा अधिकारी)
ACO / AO (A/cs & Fin.....
वरि० प्रशा० / वरि० लेखा अधिकारी
Sr. AO / .....

Cheque No. : 434702
Reg. No. : 69
Dated : 19/11/20
Amount No. : 61,23,846/-

(Section Officer)
Account -III

20/11/2020

A

FILE NO. SRG/2019/000660

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 15 December, 2020

ORDER

Subject: Research project entitled **"Nanocavity-in-Body Tunnel Field Effect Transistor Architectures for Low Power Sensing Applications"** under the guidance of Dr. RUPAM GOSWAMI, Electronics and Communication Engineering, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028.

1. This is in continuation of SERB's sanction order No. "SRG/2019/000660" dated "26 November, 2019 " of **Science and Engineering Research Board (SERB)**.
The budget for both the institutes is given below:

S. No	Head	Original Total Cost (in INR)	Allocation for Birla Institute of Technology and Science (BITS)-Pilani Campus, Pilani Campus, Vidya Vihar, Pilani (in INR)	Allocation for Tezpur University, Napaam, Tezpur, Assam (in INR)	Revised Budget (in INR)
A	**Non-recurring (Capital Items)**				
1	Equipment	0	0	0	0
A'	*Total - Capital*	***0***	***0***	***0***	***0***
B	**Recurring Items**				
1	Manpower *-> Junior Research Fellow - 1[{ Rs. 372000/- PY for I year , Rs. 372000/- PY for II year }]*	744000	0	744000	744000
2	Consumables	0	0	0	0
3	Travel	100000	0	100000	100000
4	Contingencies	100000	0	100000	100000
5	Other Cost.	0	0	0	0
6	Scientific Social Responsibility	10000	0	10000	10000
	General - I (Manpower, Consumables, Travel, Contingencies, Other Cost, SSR)	954000	0	954000	954000
	General - II Overhead Charges	95400	0	95400	95400
B'	*Total - Recurring*	***1049400***	***0***	***1049400***	***1049400***
C	**Total cost of the project (A' + B')**	**1049400**	**0**	**1049400**	**1049400**

2. The revised total cost of the project at **Birla Institute of Technology and Science (BITS)-Pilani Campus, Pilani Campus, Vidya Vihar, Pilani** would be Rs. 0/- and total cost for **Tezpur University, Napaam, Tezpur, Assam** would be Rs. 1049400/- The project duration is till 08 December, 2021.

3. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 524700/-** (Rupees Five Lakh Twenty Four Thousand Seven Hundred only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Napaam, Tezpur, Assam** being the 2nd grant for the financial year 2020-2021 for implementation of the above said project.

4. Sanction of the competent authority is also accorded to the transfer of unspent balance of **Rs. 0/-** (Rupees only) (Recurring Rs. 0 and Non-Recurring Rs. 0) to Tezpur University, Napaam, Tezpur, Assam from FY 2019-2020 to FY 2020-2021 for the same purpose for which it was sanctioned

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).

6. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

7. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER) This release is being made under Start-up Research Grant. (EC Engineering Sciences)**

8. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **20 October, 2020** and vide Diary No. **SERB/F/4575/2020-2021** dated **28 October, 2020**

9. The release amount of **Rs. 524700/-** (Rupees Five Lakh Twenty Four Thousand Seven Hundred only) (Recurring Rs. 524700 and Non-Recurring Rs. 0) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCH, ASSAM 784028
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	rup.gos@gmail.com

10. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.

12. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

16. The File no. SRG/2019/000660 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

17. As this is the first grant to the **Tezpur University, Napaam, Tezpur, Assam** for the fellowship, no previous U/C is required.

B

(Dr. Ramesh Vijayan)
Scientist - D
drvramesh@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. RUPAM GOSWAMI** **Electronics and Communication Engineering** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: rup.gos@gmail.com** **Mobile: 919864803577**
5.	**REGISTRAR,** **Tezpur University, Napaam, Tezpur, Assam**
6.	**Director,** **Birla Institute Of Technology And Science (BITS)-Pilani Campus, Pilani Campus,** **Vidya Vihar, Pilani**

(Dr. Ramesh Vijayan)
Scientist - D
drvramesh@serb.gov.in

FILE NO. CRG/2020/004775

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 16-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "**Computational Investigations Towards Designing of Main Group and Transition Metal based Systems for Dinitrogen Activation** " under the guidance of Prof. Ashwini K. Phukan, Chemical Sciences, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4095949/-** (**Rs.** Forty Lakh Ninety Five Thousand Nine Hundred and Forty Nine **Only)** with break-up of **Rs.** ***1996470/-*** **under Capital (Non-recurring) head** and **Rs.*2099479/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4095949/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> 5 KVA UPS -> Computer Server	1996470
A'	*Total (Non-Recurring)*	***1996470***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 450000 20000
2	Recurring - IV : (Overhead Charges)	372359
B'	*Total (Recurring)*	***2099479***
C	**Total cost of the project (A' + B')**	**4095949**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1996470/-** (Rupees Nineteen Lakh Ninety Six Thousand Four Hundred and Seventy only) under 'Grants for creation of capital assets' and **Rs. 713159/-** (Rupees Seven Lakh Thirteen Thousand One Hundred and Fifty Nine only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **09 December, 2020** and vide Diary No. **SERB/F/5402/2020-2021** dated **10 December, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 2709629/-** (Rupees Twenty Seven Lakh Nine Thousand Six Hundred and Twenty Nine only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

FILE NO. EEQ/2020/000487

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 18-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "**Study of shifting cultivation and associated environmental problems in Meghalaya: physicochemical and geospatial approach**" under the guidance of Dr. Pratibha Deka, Environmental Science, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 3549620/- (Rs.** Thirty Five Lakh Forty Nine Thousand Six Hundred and Twenty **Only)** with break-up of **Rs.** ***1500000/-*** **under Capital (Non-recurring) head** and **Rs.*2049620/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3549620/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Sonicator -> Minor instruments(Water Purification System) -> Centrifuge -> Microbalance -> Particulate Matter Sampler -> Rotary Evaporator with accessories	1500000
A'	*Total (Non-Recurring)*	***1500000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 450000 20000
2	Recurring - IV : (Overhead Charges)	322500
B'	*Total (Recurring)*	***2049620***
C	**Total cost of the project (A' + B')**	**3549620**

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1500000/-** (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **16 December, 2020** and vide Diary No. **SERB/F/5757/2020-2021** dated **17 December, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 2200000/-** (Rupees Twenty Two Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R & D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCHTEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM-784028+91-3712-273361
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	pratibhadeka@gmail.com

12.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2020/000487 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy **forwarded for information and necessary action to: -**

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Pratibha Deka** **Environmental Science** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: pratibhadeka@gmail.com** **Mobile: 919864934308** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

(16)

FILE NO. SRG/2020/001014
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 19-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "Developing Polymers of Intrinsic Microporosity (PIMs) as Solid Matrix for Separations of Hydrocarbons" under the guidance of Dr. Saona Seth, Department of Applied Sciences, Tezpur University , Napaam, tezpur, assam, Sonitpur, Assam-784028 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2654520/- (Rs. Twenty Six Lakh Fifty Four Thousand Five Hundred and Twenty Only) with break-up of Rs. *800000/-* under **Capital (Non-recurring) head** and Rs. *1854520/-* under **General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of Rs. 2654520/- has been approved are given below:

S.No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Desiccator -> Hot air oven -> Immersion cooler -> Magnetic stirrer with hot plate -> Rotary evaporator -> Vacuum desiccator -> Vacuum oven -> Vacuum pump -> Vacuum pump	800000
A'	*Total (Non-Recurring)*	***800000***
B	**Recurring Items**	
1	Recurring I (Manpower) Recurring II (Consumables, Travel, Contingencies) Recurring III Scientific Social Res. Responsibility	803520 800000 10000
2	Recurring [illegible] Overhead Charges)	241000
B'	*Total (Recurring)*	***1854520***
C	**Total cost of the project (A' + B')**	2654520

2. Sanction of the SERB is also accorded to the payment of Rs. 800000/- (Rupees Eight Lakh only) under 'Grants for creation of capital assets' and Rs. 940000/- (Rupees Nine Lakh Forty Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Start-up Research Grant. (EC Chemical Sciences)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on 17 December, 2020 and vide Diary No. SERB/F/5793/2020-2021 dated 18 December, 2020

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of Rs. 1740000/- (Rupees Seventeen Lakh Forty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Scanned by TapScanner

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCHTEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM-784028CONTACT NO: +91-3712273361
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	snseth09@gmail.com

12 The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. SRG/2020/001014 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Saona Seth Department of Applied Sciences Tezpur University , Napaam, tezpur, assam, Sonitpur, Assam-784028 Email: snseth09@gmail.com Mobile: 916296610209 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Registrar, Tezpur University, Napaam, Tezpur, Assam (Receipt of Grant may be intimated by name to the undersigned)

(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

Scanned by TapScanner

FILE NO. CRG/2020/002158

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 28-Dec-2020

ORDER

Subject: Financial Sanction of the research project titled "**Tuning Metal Oxide Clusters for Selective Catalytic Hydrogenation of CO2 to Organic Acids using Quantum Chemical Methods**" under the guidance of Dr. Ramesh C Deka, Chemical Sciences, Tezpur University , Napaam, tezpur, assam, Sonitpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 2948060/- (Rs. Twenty Nine Lakh Forty Eight Thousand and Sixty Only)** with break-up of **Rs. *1196055/-* under Capital (Non-recurring) head** and **Rs.*1752005/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2948060/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> High Performing Server Clusters	1196055
A'	*Total (Non-Recurring)*	*1196055*
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1164000 300000 20000
2	Recurring - IV : (Overhead Charges)	268005
B'	*Total (Recurring)*	*1752005*
C	**Total cost of the project (A' + B')**	2948060

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 597300/-** (Rupees Five Lakh Ninety Seven Thousand Three Hundred only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Inorganic Physical Chemistry)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **28 December, 2020** and vide Diary No. **SERB/F/6459/2020-2021** dated **28 December, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 597300/-** (Rupees Five Lakh Ninety Seven Thousand Three Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D

GG-11/18/2020-R&D-E
Government of India
Ministry of Electronics and Information Technology
R&D in Electronics and Cyber Security Group
Electronics Materials and Component Development Division
Electronics Niketan 6, CGO Complex, Lodhi Road

New Delhi – 110003

Dated: 30th December, 2020

ADMINISTRATIVE APPROVAL

Subject: Administrative Approval for execution of the project entitled "Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle" to be implemented by Tezpur University, Assam - NER Budget.

The undersigned is directed to convey the Administrative Approval of the Competent Authority to the implementation of the above mentioned project by Tezpur University, Assam at the total budget outlay of **Rs. 195.12 Lakhs (Rupees One Crore Ninety Five Lakh and Twelve Thousand Only)** (Rs. 140.32 lakhs as Grant-in-aid contribution of MeitY and Rs. 54.80 lakhs from industry) for a period of 36 months. The details of the project and quarterly milestones are given in the Annexure I and II.

2. This issues with the approval of Secretary, Ministry of Electronics and Information Technology, (MeitY) vide e-file No. GG-11/18/2020-R&D-E dated 29th December, 2020 and concurrence of SS&FA, MeitY vide e-file No. GG-11/18/2020-R&D-E dated 29th December, 2020.

(K. Bhanu Hariharan)
Deputy Director

Copy to:

1. The Pay & Accounts Office (PAO), Ministry of Electronics and Information Technology (MeitY), New Delhi.
2. The Director General of Audit, Finance and Communication, Shamnath Marg, Civil Lines, Delhi-110054
3. Finance Division, MeitY.
4. Cash & Accounts Section, MeitY.
5. The Vice Chancellor, Tezpur University, Assam, Napam, District Sonitpur, Tezpur, Assam-784028.
6. Prof. Nidhi Bhattacharya, Chief Investigator Tezpur University, Assam, Napam, District Sonitpur, Tezpur, Assam-784028.
7. GC (R&D E&CS)/Director (SC)/Scientist 'C' (SG)/DD (KBH), MeitY.
8. Sanction file/Project file.

(K. Bhanu Hariharan)
Deputy Director

Annexure - I to the Administrative Approval No. GG-11/18/2020-R&D-E dated 30th December, 2020

1.	**Name of the Scheme/Project**	**Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle**
2.	**Objective**	The project proposes to develop a low cost rapid and early detection system for pest infestation in Tea crops to help the Indian farmers. The sub-objectives of the project are as follows: • Design and development of arrays of multispectral and thermal imaging sensors for detection of pests. • Design and development of unmanned aerial vehicles to map and scan the crop field for infestation with an industry partner. • Automatic control system development for scanning and sending data • Development of specially designed flight control and data analysis software. • Field trials of the prototype with industry partner.
3.	**Area of coverage**	Research, Development & Engineering (R, D &E) leading to production capability
4.	**Name of the Implementing Agency & the Status**	Tezpur University, Assam
5.	**Location**	Lake Road, Tezpur, Sonitpur, Assam
6.	**Total Project Duration:** **(i) Expected date of Commencement** **(ii) Expected date of completion**	36 months (i) 30th December, 2020 (ii) 29th December, 2023

7. **Total Project Outlay** (Year wise & Item wise break-up as given below):

(Rs. in Lakh)

Budget Head	1st Year	2nd Year	3rd Year	Total
Capital Equipment (including FE Comp)	60.00	0.00	0.00	60.00
Consumable stores	3.00	4.00	3.00	10.00
Manpower	15.34	15.34	16.70	47.38
Travel & Training (Including FE Comp)	1.00	3.00	3.00	7.00
Contingencies	3.00	3.00	4.00	10.00
Overheads, if any	1.78	2.02	2.14	5.94
Total	**84.12**	**27.36**	**28.84**	**140.32**

Project Outlay: Rs. 195.12 Lakhs
MeitY contribution: Rs. 140.32 Lakhs
Contribution from industry/ collaborator: Rs. 54.80 Lakhs (In-kind)

Contd..2

8.	**Mode and extent of funding**	i) Budgetary Support a) Grants-in-Aid from MeitY: b) Loan If loan, terms & conditions ii) Internal generation iii) Other funding agencies **Grand Total : Rs. 140.32 Lakh**	**Rs. 140.32 Lakh** : Nil : Nil : Nil

9. Stages for release of grants from MeitY:

Release No.	Stages of Release	Pre-condition/ Documentation to be supplied by implementation agency	Amount to be released
1.	Initiation of the Project	Acceptance of terms & conditions governing Grants-in-aid.	**Rs. 84.12 Lakh**
2.	Recommendations of the PRSG	i) Technical and Financial Progress Report. ii) Utilisation Certificate for the previous grant. iii) Audited Statement of Accounts.	**Rs. 27.36 Lakh**
3.	Recommendations of the PRSG	i) Technical and Financial Progress Report. ii) Utilisation Certificate for the previous grant. iii) Audited Statement of Accounts	**Rs. 28.84 Lakh**
		Total	**Rs. 140.32 Lakh**

(K. Bhanu Hariharan)
Deputy Director

Annexure – II

Quarterly Plan for the project entitled "Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle by Tezpur University.

Quarter	Activities	Fund Requirement
1	➢ IDE Software and Simulation Software ➢ Creation of base line for development of pest detection system ➢ Collection of samples from the field ➢ Analysis of spectroscopic signature of various pests ➢ Sensors array design and development ➢ Selection of suitable sensors as per requirement ➢ Development of sensor main board	Rs. 84.12 First year instalment
2	➢ Design of UAV ➢ Design of various multi rotor systems ➢ Testing of the designs ➢ Development of UAV from selected design ➢ Testing of UAV with payload ➢ Testing of UAV in various environmental conditions	
3	➢ Development of Flight Control Software ➢ Development of automated crop scanning algorithm ➢ Development of automated mapping system ➢ Design of Field Module ➢ Testing of the designed Field Module ➢ Integration of the Field Module with the UAV	
4	➢ Server System Installation ➢ Customization of the Server ➢ Development of secured data link system ➢ Development of data base management system	
5	➢ Prototyping of sensor arrays ➢ Integration of Sensors to UAV ➢ Development of trans receiver system for sensor data transmission ➢ Testing of the trans receiver system ➢ Integration of the trans receiver system to UAV	Rs. 27.36 Second year instalment
6	➢ Testing of Sensor arrays in field ➢ Testing of Automated Fight Controller ➢ Testing of automated mapping system ➢ Testing of inter links between Field Modules and Server	
7	➢ Setting off the bench mark for sensors with reference module ➢ Calibration of sensors ➢ Testing of pest detection algorithm in the server to generate test reports ➢ Testing of scanning algorithm in the server to generate pest infestation profile over time ➢ Testing of Mapping algorithm to create crop profile	

8	➢ Initial field testing of prototype in real time environment ➢ Testing of the server system to its full capacity ➢ Feedback from the users ➢ Debugging of the developed software	
9	➢ Modification as per the feedback if required ➢ Continuation of field testing ➢ Testing of prototype for maximum time and range of operations ➢ Testing of other parameters like charging time, initialization time etc.	
10	➢ Development of the final prototype ➢ Standerdisation of the specifications of the system ➢ Creation of manufacturing and assembly line procedure ➢ Creation of operating manual ➢ Creation of service manual ➢ Development of a farmer training and awareness program	Rs. 28.84 Third year instalment
11	➢ Extensive field trials at different locations ➢ Demonstration of the technology to local farmers	
12	➢ Transfer of Technology etc. ➢ Other paper works	

(K. Bhanu Hariharan)
Deputy Director

NORTH EAST BUDGET

GG-11/18/2020-R&D-E
Government of India
Ministry of Electronics and Information Technology
R&D in Electronics and Cyber Security Group
Electronics Materials and Component Development Division
Electronics Niketan 6, CGO Complex, Lodhi Road
New Delhi – 110003

Dated: 30th December, 2020

To,

The Pay & Accounts Officer
Ministry of Electronics & Information Technology
Electronics Niketan
New Delhi-110003

Subject: Release of Grants–in-aid for the project entitled "Early detection of pest on Tea plantation through Multispectral imaging from Unmanned Aerial Vehicle" being implemented by Tezpur University, Assam – NER Budget Head

Sir,

I am directed to refer to the Administrative approval no. GG-11/18/2020-R&D-E dated 30th December, 2020 conveying the approval of Competent Authority for the implementation of the above mentioned project implemented by Tezpur University, Assam at the total estimated cost of **Rs. 195.12 Lakhs** (Rs. 140.32 lakhs as Grant-in-aid contribution of MeitY and Rs. 54.80 lakhs from industry) over a period of 36 months.

2. The sanction of the President of India is hereby conveyed under the Delegation of Financial Powers Rules, 1978 to the release of **Grants-in-aid** amounting to **Rs. 84.12 Lakhs (Rupees Eighty Four Lakh and Twelve Thousand only)** to Tezpur University, Assam for the Financial Year 2020-21.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the Terms and Conditions of Ministry of Electronics and Information Technology. The grants-in-aid is also subject to the Chapter 9 of the General Financial Rules, 2017, as amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:

i) All relevant information and documents/certificates as required under Rule 230(1) of General Finance Rules, 2017 have been received.

ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Govt. of India Decision No. (1) under DFPR-Rule 20.

Contd....2

iii) Terms and Conditions of the service of the employees employed in Tezpur University, Assam shall not be higher than those applicable to similar categories of employees of central Government and where it is not in accordance with above, the relaxation of Ministry of Finance would be obtained for such discrepancies as required under Rule 230(12) (i) of General Finance Rules, 2017.

iv) Finance would be obtained for such discrepancies as required under Rule 230(12) (i) of General Finance Rules, 2017.

v) Assets acquired wholly or substantially out of Government grants shall not be disposed off without obtaining the prior approval by Tezpur University, Assam of the sanctioning authority of Grants-in-Aid.

vi) Tezpur University, Assam shall make reservations for Scheduled Castes and Scheduled Tribes of OBC in the posts or services under its control on the lines indicated by Government of India.

vii) The accounts of Tezpur University, Assam shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) 1971 as amended from time to time.

viii) The accounts of Tezpur University, Assam shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry or Department whenever it is called upon to do so.

ix) Tezpur University, Assam may furnish their performance-cum-achievement report within the stipulated period to the Sanctioning Authority.

x) Tezpur University, Assam will spend grants-in-aid exclusively in pursuance of the objectives envisaged in Rules/Memorandum of MeitY and the approval of the Competent Authority in each case.

xi) Grants-in-aid to Tezpur University, Assam is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.

xii) Grants-in-aid shall be utilized within the stipulated period from the date of the receipt of the grants-in-aid and unspent balance, if any, will be refunded by Tezpur University, Assam to the Government of India.

xiii) Noted at Serial No. '28' in the Register of Grants for the FY 2020-21.

xiv) Tezpur University, Assam will maintain and will present their annual accounts in the standard format, as required under Rule 230(5) of General Finance Rules, 2017. Tezpur University, Assam shall submit year-wise Audited Statement of Accounts to MeitY.

Contd...3/-

xv) In case of Non-Recurring Grant for specified object:

a) Tezpur University, Assam will have to spend the amount sanctioned within the stipulated period.

b) Utilization Certificate is to be furnished by the Tezpur University, Assam as required under Rule 238 (1) of General Finance Rules, 2017 read with Form GFR 12-A, ibid .

xvi) The Implementing agency should ensure compliance of EAT module before approaching for further release under the project.

xvii) All interest of others earning against GIA or advance (other than reimbursement) released should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.

4. Tezpur University, Assam is exempted from the execution of Surety bond in terms of Ministry of Finance O.M. No.14(1)/E-II(A)-64 dated 23.06.1965 and have accepted the terms and conditions for the grant-in aid.

5. Drawing & Disbursing officer (DDO) of Ministry of Electronics and Information Technology is authorize to prefer the bill to Pay & Account Officer for the release to **Rs. 84.12 Lakhs (Rupees Eighty Four Lakh and Twelve Thousand only)** to Tezpur University, Assam as per bank details given below:

i.	**Bank Name**	:	**State bank of India**
ii.	**Savings A/C No.**	:	**30448821505**
iii.	**IFSC Code**	:	**SBIN0000195**
iv.	**MICR No.**	:	**784002002,**
v.	**Branch**	:	**Lake Road, Tezpur, Sonitpur, Assam**

6. The expenditure involved will be met from within the Sanction Budget of Ministry of Electronics and Information Technology under **Demand No. 24,** 2852 - (Major Head) 07-Telecommmunication and Electronics Industries (Sub-Major Head), **102-** Electronics (Minor Head), **06.**R&D in Information Technology/Electronics/CCBT **06.00.31**-R&D in Information Technology/Electronics/CCBT for the year 2020-2021.

Contd...4/-

7. In view of the instructions issued by Ministry of Finance vide O.M. No. 7(1)/E.Coord/202 dated 14.11.2012, it is certified that the Grantee Institute has no Utilization Certificates as **"due for rendition"** under the Rules in respect of all the Schemes/Programmes/Projects of the Ministry of Electronics and Information Technology..

8. This sanction issues in exercise of the powers conferred on this Ministry in consultation with the Integrated Finance Division, SS&FA, MeitY vide e-file No. GG-11/18/2020-R&D-E dated 29.12.2020 and approval of Secretary, MeitY vide e-file No. GG-11/18/2020-R&D-E dated 29.12.2020.

(K. BhanuHariharan)
Deputy Director

Copy to:

1. The Pay & Accounts Office (PAO). Ministry of Electronics and Information Technology (MeitY), New Delhi.
2. The Director General of Audit, Finance and Communication, Shamnath Marg, Civil Lines, Delhi-110054
3. Finance Division, MeitY.
4. Cash & Accounts Section, MeitY.
5. The Vice Chancellor, Tezpur University, Assam, Napam, District Sonitpur, Tezpur. Assam-784028.
6. Prof. Nidhi Bhattacharya, Chief Investigator TezpurUniversity, Assam, Napam, District Sonitpur, Tezpur, Assam-784028.
7. GC (R&D E&CS)/Director (SC)/Scientist 'C' (SG)/DD (KBH), MeitY.
8. Sanction file/Project file.

(K. Bhanu Hariharan)
Deputy Director

(65)

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
(Ministry of Education, Govt. of India)
बहादुरषाह जफर मार्ग नई दिल्ली – 110 002
Bahadurshah Zafar Marg, New Delhi-110002
Phone : 011-23604413

ज्ञान-विज्ञान विमुक्तये

No.F. 52-2/2020(CU)

January, 2021

12 JAN 2021

The Registrar
Hemwati Nandan Bahuguna Garhwal University
Srinagar
Garhwal – 246 174
Uttarakhand

Subject: Approval of Grants-in-aid to Hemwati Nandan Bahuguna Garhwal University as One time grant under Recurring Head for the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States for the year 2020-2021.

Sir,

I am directed to convey the approval (**first instalment**) of the University Grants Commission for an amount ***Rs. 1,00,00,000/- (Rupees One Crore Only)*** to ***Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174***, **Uttarakhand** under Grant-in-Aid Recurring components for **the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States** the year 2020-2021 as per details below:-

(Amount in Lakhs)

Items	Grant Already Released	Grant Now Sanctioned	Total Grant Released so far
Pension and Pensionary Benefits and pension arrears	1963.46	100.00	2063.46
Non-Salary			
Non-NET Fellowship for M.Phil./Ph.D. holders			
One time Grant for the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States. **(Allocation Rs. 200.00 lakhs)**			

Further, the bifurcation of above releases under General, SC and ST components are as under:-

(Amount in Lakhs)

Allocation 2020-21 under Recurring Head	Items / Head of Accounts		Grant already released	Grant now sanctioned	Total Grant released so far
Yet to be finalized	Grants in aid Recurring (31)	CU General Component I (A) 31	1680.56	100.00	1780.56
		CU SC I (B) 31	184.39	0.00	184.39
		CU ST Component I (C) 31	98.51	0.00	98.51
		Total	**1963.46**	**100.00**	**2063.46**

The sanction letter of the above mentioned grant is being issued separately under General, SC, ST Component.

Yours faithfully

(A S Sajwan)
Under Secretary

Copy to:-

1. The Finance Officer, Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174, Uttarakhand
2. Policy File No. F.1-2/2020(CU)
3. Computer File

V. Talreja

(V Talreja)
Section Officer

(64)

RECURRING -GEN-NON NER

FD Diary No. : 1871
Dated : 12.01.2021

January, 2021

12 JAN 2021

No.F.52-2/2020(CU)

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002

ज्ञानविज्ञानविमुक्तये।
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAGAR MARG
NEW DELHI-110002

Subject: **Release of Grants-in-aid to Hemwati Nandan Bahuguna Garhwal University as One time grant under Recurring head** for the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States **for the year 2020-2021.**

Sir,

I am directed to convey the sanction **(first instalment)** of the University Grants Commission for payment of Rs. **1,00,00,000/- (Rupees One Crore Only)** to **Hemwati Nandan Bahuguna Garhwal University** for the financial year i.e. 2020-2021 towards the payment of Recurring Expenditure to be incurred during 2020-2021 for the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States as per details below:-

(Rs. in lakhs)

Name of the Item	Head of Account	Grant already sanctioned	Grant now being sanctioned	Total Grant
One time Grant for the finding under the studies in five thematic areas by two Consortium of Central Universities in Himalayan States. (Allocation Rs. 200.00 Lakhs)	CU General I (A) 31	1680.56	100.00	1780.56

It may also be ensured that the university has adopted the University Grants Commission (Minimum Standards and Procedure for award of M.Phil./Ph.D. Degree), Regulations, 2016.

2. **The release of above grant to Central Universities is subject to the condition that the expenditure to be incurred during the year 2020-21 with the following conditions:-**
   - i) **Grant under OH-31 will be utilized only for pension and arrears of pension, scholarship and arrear of scholarship. Thereafter expenditure on other items. Expenditure on other recurring expenditure to be incurred after fully clearing the liabilities under Pension and Scholarship.**
   - II) **Grant under OH-36 will be utilized only for payment of salary and its arrears of salary for regular employees and also for retirement benefits of regular employees.**
3. **The University / Institution shall ensure that all the payment (approved items of expenditure) to the beneficiaries / vendors shall be made only through the EAT module of PFMS.**
4. The sanctioned amount is debitable to Central Universities as stated above and is valid for payment during the financial year 2020-2021 only.
5. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to **The Registrar, Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174 Uttarakhand** through Electronic mode as per the following details:-

a.	*Details (Name & Address) of Account Holder :*	**The Registrar, Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174 Uttarakhand**
b.	*Account No.*	10671301069
c.	*Name & Address of Bank Branch*	Reserve Bank of India, Sansad Marg, New Delhi
d.	*Branch Code*	RBIS0PFMS01
e.	*Type of Account*	Saving Account

6. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed Proforma submitted by the University.
7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

8. **The University shall send the EAT report (downloaded from PFMS portal) of their expenditure of grants received from UGC under different schemes along with Utilization Certificate duly signed by the Head of the Institution.**
9. The University/Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
10. The University/Institution may follow the General Financial Rules, 2017 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2017 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2017 and instructions /guidelines there under from time to time.
11. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
12. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
13. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned/paid. In-case of non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
14. The University/Institution shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SCs, STs, OBC & EWS) horizontal (person with disability etc.)] in admission and appointment of teaching & non-teaching posts.
15. The University/Institution shall follow implement the official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.
16. The sanction is issued in exercise of the delegation of power vide UGC Order No.130/2013 {F.No.10-11/12 (Admn. IA & B} dated 28.05.2013.
17. The University/Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009 and amended from time to time.
18. The University/Institute shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
19. The accounts of the University/Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2017.
20. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
21. All interests earned against Grants-in-Aid (other than reimbursement) released to university should be mandatorily remitted to UGC Saving Bank account No. 603010110003355 of Bank of India with IFS Code : BKID0006030 immediately after finalization of accounts. Any interest earned out of Grants in aid should not be treated as additional funds over and above the allocation.
22. Any short fall in the funds under non-salary items is required to be met out by the university from the own resources.
23. The University is registered / mapped with PFMS Portal.
24. The issues with the concurrence of FA vide Diary No. **99399** dated **06-01-2021**
25. This issue with the approval of the Chairman, UGC vide Diary No. **54184** dated **07-01-2021**

Yours faithfully,

(A S Sajwan)
Under Secretary

Copy forwarded for information and necessary action for:-

1. The Registrar, Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174 Uttarakhand .
2. The Finance Officer, Hemwati Nandan Bahuguna Garhwal University, Srinagar, Garhwal – 246 174 Uttarakhand .
3. O/o DG of Audit, Central Revenues, AGCR Building, I.P.Estate, New Delhi – 110 002.
4. F.No.1-2/2020(CU)
5. Computer File

V. Talreja
(V Talreja)
Section Officer

भारतीय इतिहास अनुसंधान परिषद्
INDIAN COUNCIL OF HISTORICAL RESEARCH

स्वायत्त संस्थान, मानव संसाधन विकास मंत्रालय के अधीन (भारत सरकार)

An Autonomous Organisation Under the Ministry of HRD, Govt. of India

35, फिरोज़शाह मार्ग, नई दिल्ली - 110001
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: dd.admin@ichr.ac.in; dd.res@ichr.ac.in
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Dr. Nitin Kumar
Assistant Director (Research)
Ph. No. 011- 23382580
Email ID: adr.rp@ichr.ac.in

F.No.1-04/2020-ICHR (GIA-III) RP 28.12.2020

Dear Dr. Madhurima Goswami,

Please refer to your application for the award of the ICHR's Research Project grant. I am pleased to inform you that the 162nd meeting of the Research Projects Committee held on 16.12.2020 has approved the recommendations of Presentation cum Interview Committee on your Research Project proposal entitled **"Lives of the Ritual Priestesses of Assam: A Study with special reference to the Institution of Doudinis in the Bodo Society"**.

The Presentation-cum-Interview Committee of the Research Project recommended a sum of Rs.2,50,000/- (Rupees Two Lakh Fifty Thousand only) for a period of two years.

Please furnish the following information for processing your case further for releasing the grant.

1) Whether you are in receipt of any grant for this purpose from any other institution, and if so, the amount and the name of the funding institution may be sent to us to avoid duplication of the grant.
2) The date from which you intend to commence your work.
3) You are requested to avail of the grant within one year from the date of meeting of the Research Projects Committee failing which the grant will be treated as cancelled.
4) You are further requested to give an undertaking (Performa attached) stating 'I agree to abide by the Rules and to bind myself to fulfill the requirements of the fellowship or grant awarded and to refund to the ICHR any or all expenditure thereon incurred by the ICHR, if the work under the grant, as the case may be, is not properly carried out or is not completed in any manner whatsoever'.
5) You are requested to submit the following bank account details of your institute of affiliation to release the grant through the NEFT.RTGS.

(To be filled in Capital Letter only)
Details required of the Institutes of Affiliation

a) Name of the Account Holder :
b) Name of the Bank :
c) Branch address :
d) Account No. :
e) IFSC Code :
f) MICR Code :

Yours sincerely,

(Nitin Kumar)

Encl: as above

Dr. Madhurima Goswami
Centre for Women Studies, Tezpur University
Academic Building – 1, District Tezpur, Sonitpur (Assam) - 784004
Email Id: mgs@tezu.ernet.in

Copy to:

1) The Registrar, Tezpur University, Napaam, Tezpur - 784028

INDIAN COUNCIL OF HISTORICAL RESEARCH

(An Autonomous Organisation, Min. of HRD, Govt. of India)
35, Ferozeshah Road, New Delhi-110 001

26/03/21
7787

Dr. Nitin Kumar
Assistant Director (Research)
Ph. No. 011- 23382580
Email ID: adr.rp@ichr.ac.in

Office of the Member Secretary
Received No. 5766
Date 25.03.21
Received by BS

SANCTION ORDER

F. No.1-04/2020-ICHR (GIA-III) RP

15.03.2021

Subject: Release of the 1st Installment of grant for the project entitled: **"Lives of the Ritual Priestesses of Assam: A Study with special reference to the Institution of Doudinis in the Bodo Society".**

Dear Sir/Madam

I am directed to convey the sanction of the ICHR for the payment of an amount of Rs.2,50,000/- (Rupees Two Lakh Fifty Thousand Only) for two years w.e.f.01.02.2021 to 31.01.2023.

The amount will be released in advance on six-monthly basis in half yearly installments as mentioned below:

First installment	Rs. 59,375/-
Second installment	Rs. 59,375/-
Third installment	Rs. 59.375/-
Fourth installment	Rs. 59,375/-
Final installment being 5% withheld amount	Rs. 12,500/-

First installment Rs.59.375/- (Rupees Fifty Nine Thousand Three Hundred Seventy Five only) for the period from 01.02.2021to 31.07.2021 (6 months) will be released in the following Bank details in the institute of affiliation as given below:

Name of Account Holder	:	**Dr. Biren Das** **Tezpur University Endowment Fund**
Name of the Bank	:	**State Bank of India**
Branch Address/ Code	:	**Tezpur Main Branch, Lake Road Tezpur, Sonitpur – 784001 (Assam)**
Account No.	:	**10501585452**
IFSC Code	:	**SBIN0000195**

The first installment of the approved grant will be released on receipt of the enclosed pre-receipted bill duly signed. The second and subsequent installments will be released on receipt of the six monthly progress report (3 copies) of the project submitted by the Project Director alongwith Statement of Expenditure in respect of previous installment. duly verified by the Finance Authority of the Affiliated Institute. The subsequent grant will be released only after the examination of the previous progress report by the expert if it found to be satisfactory. The overhead charges will be released only on receipt of a MSS/final work report which will be evaluated by the Council to ascertain the merit of the work.

The Project Director shall submit the final report (2 copies) of the project within three months of the end of the period of the project; five per cent of the entire grant of the project awarded under Clause 1, 2 and 4 shall be withheld, to be released on reimbursement basis only after the final statement of expenditure is received from the institution of affiliation, and the final report is found deemed satisfactory.

26/3/21

The institution of affiliation shall be expected to provide the Project Director, or a scholar awarded a project under Clause 4, with facilities such as accommodation for work, including furniture as specified in respect of a Fellow in Clause 15 of Chapter II of these Rules, and shall be paid overhead charges in return thereof by the ICHR

The grants-in-aid are subject to fulfillment of the conditions laid down in the ICHR Research Funding Rule for Grants-in-aid for research project and also subject to the following conditions:

(a) The Project Director, **Dr. Madhurima Goswami** will be responsible for directing the project to its completion within the stipulated time and sanctioned budget/grant from the date of the commencement of the work, which may please be intimated to this Council immediately.

(b) The Head of the Institution will have to share the responsibility for the proper utilization of the grant and also for the completion of the work on time and the receipt of the final report of the study.

(c) In case the sanctioned amount is not utilized in time the reasons for the same will have to be intimated to the council. If the project work is discontinued without reasonable grounds, the Project Director will be liable to return the entire amount to the ICHR, i.e., the amount paid to the scholar by that time. The ICHR reserves the right to terminate the grant, in case, it is felt that its grants-in-aid rules are being violated.

You are requested to return the enclosed bill duly signed across a revenue stamp so that the ICHR can arrange the payment at an early date.

Yours faithfully,

(Nitin Kumar)

Note: As the installments towards the Research Project Grant are released as advance amount on six monthly basis , therefore the concerned institutions are requested to release the same as an advance amount to the scholar.

Encl: As stated above

The Registrar
Tezpur University
Napaam, Tezpur-784028 (Assam)

Copy to:

1 **Dr. Madhurima Goswami, Centre for Women Studies, Tezpur University, Academic Building – 1, District Tezpur, Sonitpur (Assam) - 784004**
2 Accounts Sanction, ICHR. Payment may be made only on receipt of the pre-receipted bill duly signed. The expenditure is debitable to "Grants-in-aid Research Project".
3 Office copy
4 Extra copy

No. BT/PR40047/NER/95/1662/2020
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: / /

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Harnessing Endophytes and Arbuscular Mycorrhizal Fungi from Citrus Microbiome for Plant and Soil Health Management in North East India**" for a period of 3 Year 0 Month at a total cost of Rs. **11335464** (Rupees One Crores Thirteen Lakhs Thirty Five Thousand Four Hundred and Sixty Four Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Harnessing Endophytes and Arbuscular Mycorrhizal Fungi from Citrus Microbiome for Plant and Soil Health Management in North East India**"

2.2 Details of the Investigatiors:

Project Cordinator

Dr. Anjuma Gayan
Assistant Professor
Soil Science
Asaam Agricultural University
College of Sericulture,Soil Science department,
Assam Agricultural University,Jorhat-13, Jorhat, Assam, 785013

Principal Investigators:

Dr. Anjuma Gayan
Assistant Professor
Soil Science
Asaam Agricultural University
College of Sericulture,Soil Science
department,

Dr. Arun Kumar Rai
Assistant Professor
Botany
Sikkim University
Department of Botany, Sikkim
University (Central University),

Dr. Kiran Sunar
Assistant Professor
Botany
Balurghat Mahila Mahavidyalaya
Balurghat Mahila Mahavidyalaya
(Govt. aided college), Balurghat,

Dr. Nirmali Gogoi
Assistant Professor
Environmental Science
Tezpur University
Department of Environmental
Science Tezpur University

CO-PI:

Dr. Dhruba Jyoti Nath
Principal Scientist
Soil Science
Assam Agricultural University
Department of Soil Science
Assam Agricultural University
Jorhat, Jorhat - 785013, Assam

Mr. Himadri Shekhar Datta
Assistant Professor
Horticulture
Asaam Agricultural University
College of Horticulture
Assam Agricultural University
Jorhat, Jorhat - 785013, Assam

2.3 Objectives:

Overall Objectives:

1. Isolation, characterization and identification of endophytes (bacterial and fungal), Arbuscular Mycorrhizal Fungi (AMF) and plant growth promoting rhizobacteria (PGPR) from Citrus microbiome of NE region of India including Sikkim.
2. Elucidation of the mechanisms involved in growth promotion and disease suppression by endophytes, AM fungi and PGPR.
3. Development of a cost-effective microbial consortia of selected potential endophytes AM fungi and PGPR.
4. Validation of the potential microbial consortia in plant and soil health management of commercial citrus varieties.

Institute wise Objectives:

Asaam Agricultural University

1. Isolation, characterization and identification of endophytes (bacterial and fungal), Arbuscular Mycorrhizal Fungi (AMF) and plant growth promoting rhizobacteria (PGPR) from Citrus limon and Citrus reticulata of NE region of India
2. Elucidation of the mechanisms involved in growth promotion by endophytes (bacteria and fungi), AM fungi and PGPR
3. Development of a cost-effective microbial consortium of selected endophytes (bacterial and fungal), AM fungi and PGPR
4. Validation of the potential microbial consortia in plant and soil health management of Citrus limon and Citrus reticulata

Balurghat Mahila Mahavidyalaya

1. Isolation, characterization and identification of endophytes (bacterial and fungal), Arbuscular Mycorrhizal Fungi (AMF) and PGPR associated with the roots of Citrus reticulata from the major orchards of Sikkim
2. Raising monosporal (single spore) cultures of dominant AMF isolates and their morphological characterization and multiplication, alongwith In vitro functional characterization of PGPR of Citrus reticulata
3. Development of cost-effective microbial consortia of potential endophytes, AM fungi and PGPR
4. Validation of potential microbial consortia in plant and soil health management of Citrus reticulata

Details of the Equipment, Characterization and Identification of the project (bacterial "**Harnessing Endophytes and Arbuscular Mycorrhiza (AM) fungi from Citrus Microbiome for Plant and Soil Health Management in North East India**".

Sikkim University

SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Mini Glass house for plants with exhaust fan and coolers (dimension 15''X15''x15'')	1	299720.00
2.	Hot air oven (digital controller) size 18''x18''x18''	1	29937.00
3.	Cooling centrifuge with voltage stabilizer	1	410340.00
4.	Trinocular Microscope with HD camera	1	236708.00
		Total	**976705.00**

Tezpur University

SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Small scale poly house (Dimension 10 x10 x15').	1	135700.00
2.	Cooling centrifuge with voltage stabilizer	1	410340.00
3.	Trinocular Microscope with HD Camera	1	236708.00
4.	Biological safety cabinet (as per class II) Working size- 3x2x2 fit)	1	122531.00
		Total	**905279.00**

Asaam Agricultural University

SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Plant Growth Chamber	1	525000.00
		Total	**525000.00**

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **11335464**/-(Rupees One Crores Thirteen Lakhs Thirty Five Thousand Four Hundred and Sixty Four Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost (Rs.)
1. Asaam Agricultural University	1351760	826760	778600	**2957120**
2. Balurghat Mahila Mahavidyalaya	1632039	726760	728600	**3087399**
3. Sikkim University	1703465	726760	778600	**3208825**
4. Tezpur University	676760	726760	678600	**2082120**
Total (Rs.)	**5364024**	**3007040**	**2964400**	**11335464**

(Dr. Vaishali Panjabi)
Scientist 'E'

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
5. Sikkim University				
Equipment	976705.00			**976705.00**
Manpower	401760.00	401760.00	453600.00	**1257120.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	150000.00	150000.00	150000.00	**450000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**

Miscellaneous	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**1703465.00**	**726760.00**	**778600.00**	**3208825.00**
6. Balurghat Mahila Mahavidyalaya				
Equipment	905279.00			**905279.00**
Manpower	401760.00	401760.00	453600.00	**1257120.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
Consumables	150000.00	150000.00	100000.00	**400000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Miscellaneous	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**1632039.00**	**726760.00**	**728600.00**	**3087399.00**
7. Asaam Agricultural University				
Equipment	525000.00			**525000.00**
Manpower	401760.00	401760.00	453600.00	**1257120.00**
Consumables	250000.00	300000.00	150000.00	**700000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00		50000.00	**100000.00**
Miscellaneous	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**1351760.00**	**826760.00**	**778600.00**	**2957120.00**
8. Tezpur University				
Manpower	401760.00	401760.00	453600.00	**1257120.00**
Consumables	100000.00	150000.00	100000.00	**350000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00		**100000.00**
Miscellaneous	25000.00	25000.00	25000.00	**75000.00**
Total (Rs.)	**676760.00**	**726760.00**	**678600.00**	**2082120.00**

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER
a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.
h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.
Additional Terms and Conditions, specific for Twinning R and D program for NER
a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.
h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Director, Asaam Agricultural University, Jorhat, Assam and The Dr Biman Chakraborty, Balurghat Mahila Mahavidyalaya, Malda, West Bengal and The Registrar, Sikkim University, Gangtok, Sikkim and The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated on 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clarence, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsory comply the same before undertaking such activities.

11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.**102/IFD/SAN/2350/2020-2021** dated **February, 09 2021.**

12. This sanction order has been noted at serial no._____ in the Register of Grants.

(Dr. Vaishali Panjabi)
Scientist 'E'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr. Anjuma Gayan(Project Co-ordinator), College of Sericulture,Assam Agricultural University,Jorhat:785013, Assam
3 The Director, Asaam Agricultural University, Assam Agricultural University
Jorhat-785013
Assam, Jorhat - 785013, Assam
4 The Dr Biman Chakraborty, Balurghat Mahila Mahavidyalaya, Balurghat, Dakshin Dinajpur, West Bengal, Malda - 733101, West Bengal
5 The Registrar, Sikkim University, 6TH MILE, SAMDUR,P. O. : TADONG
GANGTOK, SIKKIM, Gangtok - 737102, Sikkim
6 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
7 Dr. Anjuma Gayan, Assistant Professor, Soil Science, Asaam Agricultural University, College of Sericulture,Soil Science department,
Assam Agricultural University,Jorhat-13, Jorhat - 785013, Assam
8 Dr. Arun Kumar Rai, Assistant Professor, Botany, Sikkim University, Department of Botany, Sikkim University (Central University), 6th mile, Samdur,
P.O.Tadong,Gangtok,Sikkim, Gangtok - 737102, Sikkim
9 Dr. Dhruba Jyoti Nath, Principal Scientist, Soil Science, Assam Agricultural University, Department of Soil Science
Assam Agricultural University
Jorhat, Jorhat - 785013, Assam
10 Dr. Kiran Sunar, Assistant Professor, Botany, Balurghat Mahila Mahavidyalaya, Balurghat Mahila Mahavidyalaya (Govt. aided college), Balurghat, P.O.Balurghat, District: Dakshin Dinjapur, West Bengal, 733101, Islampur West Bangal - 733101, West Bengal
11 Dr. Nirmali Gogoi, Assistant Professor, Environmental Science, Tezpur University, Department of Environmental Science Tezpur University
Napaam, Tezpur District: Sonitpur, Assam, Tezpur - 784028, Assam
12 Mr. Himadri Shekhar Datta, Assistant Professor, Horticulture, Asaam Agricultural University, College of Horticulture
Assam Agricultural University
Jorhat, Jorhat - 785013, Assam
13 Cash Section, DBT (2 copies).
14 Sanction Folder.
15 File Copy.

(Dr. Vaishali Panjabi)
Scientist 'E'

Annexure -II

Details of the manpower sanctioned for the implementation of the project entitled **"Harnessing Endophytes and Arbuscular Mycorrhizal Fungi from Citrus Microbiome for Plant and Soil Health Management in North East India":**

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
5. Asaam Agricultural University					
Junior Research Fellow To carry out laboratory and field works	1	401760	401760	453600	**1257120**
Total(Rs.)		**401760**	**401760**	**453600**	**1257120**
6. Balurghat Mahila Mahavidyalaya					
Junior Research Fellow Working with AMF and PGPR related laboratory and field works	1	401760	401760	0	**803520**
Senior Research Fellow Working with AMF and PGPR related laboratory and field works	1	0	0	453600	**453600**
Total(Rs.)		**401760**	**401760**	**453600**	**1257120**
7. Sikkim University					
Junior Research Fellow Working with Endophytes (bacteria and fungi) and PGPR related laboratory and field works	1	401760	401760	0	**803520**
Senior Research Fellow Working with Endophytes (bacteria and fungi) and PGPR related laboratory and field works	1	0	0	453600	**453600**
Total(Rs.)		**401760**	**401760**	**453600**	**1257120**
8. Tezpur University					
Junior Research Fellow To carry out laboratory and field works	1	401760	401760	0	**803520**
Senior Research Fellow To carry out laboratory and field works	1	0	0	453600	**453600**
Total(Rs.)		**401760**	**401760**	**453600**	**1257120**

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST

OM No. SR/S9/Z-05/2019 dated 10.07.2020.

(Dr. Vaishali Panjabi)
Scientist 'E'

P-24029/46/2020-IPR VII

भारत सरकार/Government of India

वाणिज्य एवम उद्योग मंत्रालय/Ministry of Commerce & Industry

औद्योग संवर्धन और आंतरिक व्यापार विभाग/Department for Promotion of Industry and Internal Trade

(आई॰पी॰आर-प्रतिलिपि अधिकार/IPR-Copyright Section)

उद्योग भवन, नई दिल्ली-110011 /Udyog Bhavan, New Delhi 110 011

दिनाक: 05th March, 2021

To,

The Registrar,
Tezpur University,
Napaam, Tezpur,
Assam 784028

Subject: Release of grant-in aid of **Rs. 6,66,000/- (Rupees Six Lakhs Sixty Six Thousand only)** as 1st installment to Tezpur University, Assam for incurring expenditure under IPR Chair activities under the Scheme for Pedagogy and Research in IPRs for Holistic Education and Academia (SPRHEA), FY 2020-21.

Sir,

I am directed to refer to your email dated 28th December 2020 received in this department, seeking grant-in-aid for IPR Chair for FY 2020-21 and to forward herewith a copy of sanction order issued vide order of even no. dated 1st March, 2021 thereby conveying the sanction of the President of India, to the payment of grant-in aid of **Rs. 6,66,000/- (Rupees Six Lakhs Sixty Six Thousand only)** for incurring expenditure for the approved activities of IPR Chair and the conditions for Grant as provided in the norms of the Scheme for Pedagogy and Research in IPRs for Holistic Education and Academia (SPRHEA) with the following break up wise:

S. No.	Budget Head	Amount Sanctioned under SPRHEA (Rs.) (1st Dec 2020 – 31st March 2021)	Total (In Rs.)
1	IPR Chair Professor (One) @ Rs 25,000/- p.m.	25,000 X 4	1,00,000
2	Research Assistants (two) @ Rs. 50,000/- p.m.	50,000 X 4	4,00,000
3	Secretariat Assistance (one) @ Rs 12500/- p.m.	12,500 X 4	50,000
4	Library	10,000	10,000

(18)

FILE NO. CRG/2020/003018
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 16-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled "Developments of Semantic-Aware Structure Preserving Image Filtering Techniques" under the guidance of Dr. Swarnajyoti Patra, Computer Science and Engineering, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3887664/- (Rs. Thirty Eight Lakh Eighty Seven Thousand Six Hundred and Sixty Four Only) with break-up of Rs. *700000/-* under Capital (Non-recurring) head and Rs.*3187664/-* under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3887664/- has been approved are given below:

S.No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Matlab -> Laptop -> Desktop PC	700000
A'	*Total (Non-Recurring)*	*700000*
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies) Recurring - III : Scientific Social Responsibility	2514240 300000 20000
2	Recurring - IV : (Overhead Charges)	353424
B'	*Total (Recurring)*	*3187664*
C	Total cost of the project (A' + B')	3887664

2. Sanction of the SERB is also accorded to the payment of Rs. 700000/- (Rupees Seven Lakh only) under 'Grants for creation of capital assets' and Rs. 1076000/- (Rupees Ten Lakh Seventy Six Thousand only) under 'Grants-in-aid General' to REGISTRAR, TEZPUR UNIVERSITY, Tezpur University, Napaam, Tezpur, Assam being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Core Research Grant. (PAC Electrical Electronics & Computer Engineering)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on 09 March, 2021 and vide Diary No. SERB/F/8240/2020-2021 dated 09 March, 2021

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of Rs. 1776000/- (Rupees Seventeen Lakh Seventy Six Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM - 784028, +91-3712-273361
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	swpatra@gmail.com

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

https://www.serbonline.in/SERB/ViewProceedingCommentsTransaction

(17)

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2020/003018 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

Anima

(Dr. Anima Johari)
Scientist D
anima.johari@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Swarnajyoti Patra** **Computer Science and Engineering** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: swpatra@gmail.com** **Mobile: 919434996199** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR, TEZPUR UNIVERSITY,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

Anima

(Dr. Anima Johari)
Scientist D
anima.johari@serb.gov.in

(15)

n: SERB_Administrator@serbonline.in
bject: Sanction Order : CRG/2020/003018
te: Wed, April 7, 2021 4:46 pm
o: info@serbonline.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Dr. Swarnajyoti Patra,

The below details for **Science & Engineering Research Board (SERB)** Sanction Order (*attached to this mail)*

Sanction Order No	CRG/2020/003018
Sanction Date	10 March, 2021
PI Name	Dr. Swarnajyoti Patra
Institute/University	Tezpur University , Napaam, Tezpur, Assam, Tezpur, Assam-784028
PI Account Number	30448821505
Bank & Branch Name	STATE BANK OF INDIA TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM - 784028, +91-3712-273361
Amount	INR 1776000/-
In Rupees	Seventeen Lakh Seventy Six Thousand
UTR No	000244309877-G & RBI08921109170 72-C
Transaction Date	22 March, 2021 & 29 March, 2021

SERB Reference Number:

Bill No GIA/7280/2020-21
Diary No / Finance No SERB/F/8240/2020-2021

Confirmation of receipt of funds may be sent by **email** only.

IMPORTANT:

1. **SEPARATE Utilization Certificates (UCs)** for **Recurring and Non Recurring (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (signatory of the sanction order) **within twelve months of the closure of the financial year in which the grants were released irrespecrive of whether the subsequent instalment of grant is due for release or not.**

2. However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, **payable at New Delhi** and **forwarded to the undersigned at the address given below:**

--

Under Secretary

Science & Engineering Research Board (SERB)

(A statutory body under the Government of India's Department of Science & Technology)

5 & 5A, Lower Ground Floor, Vasant Square Mall

Vasant Kunj, New Delhi 110070

INDIA

+91-11-40000328/9

+91-11-40000319/49/52

+91-9818223293

+91-9818223294

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

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****

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Attachments:

Sanction order for CRG/2020/003018.pdf	
Size:	157 k
Type:	application/octet-stream

No.13(34)/2020-CC&BT **(NORTH EAST REGION)** 36

Government of India

Ministry of Electronics & Information Technology

Office of the Registrar Electronics Niketan, 6, CGO Complex, New Delhi

Receipt No ..... 5734 .....
Date ..... 23.03.21 .....
Received by ..... B.B .....

23/3/2021
7749

Dean, R&D / Fr no 7.
FO.

Dated: 11.03.2021

The Pay & Accounts Officer
Ministry of Electronics & Information Technology (MeitY)
New Delhi – 110003

Subject:- Release of 1st Instalment GIA to the project "Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks" implemented by Tezpur University, South Asian University & IIIT Naya Raipur for the Financial Year 2020-21.

Implementing Agency: Tezpur University.
Reference: Administrative Approval No. 13(34)/2020-CC&BT dated 11.03.2021.

Sir,

I am directed to refer to this Ministry's communication of even no. dated 11.03.2021 conveying the Approval of the Competent Authority for the implementation of above project with total outlay of Rs.86.31624 lakh (Rupees Eighty Six Lakh Thirty One Thousand Six Hundred Twenty Four Only) to be implemented by Tezpur University, South Asian University & IIIT Naya Raipur over a duration of 36 months.

2. The sanction of the President of India is hereby conveyed for the 1st instalment of Rs.41.63952 lakh (Rupees Forty One Lakh Sixty Three Thousand Nine Hundred Fifty Two Only) towards grants-in-aid for the implementation of the Project "Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks" implemented by Tezpur University for the Financial Year 2020-21.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the terms and conditions of Ministry of Electronics & Information Technology (MeitY). The grants-in-aid is also subject to the Chapter-9 of the General Financial Rules 2017, as amended from time to time, read with Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:

i) All relevant information and documents/certificates as required under 230(1) of GFR, 2017 have been received.

ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Govt. of India Decision No. (1) under DFPR – Rule-20.

iii) Terms and conditions of the service of the employees employed in Tezpur University are not higher than those applicable to similar categories of employees of central Government and where it is not in accordance with above, the relaxation of Ministry of Finance would be obtained for such discrepancies as required under Rule 230(12)(i) of GFR, 2017.

iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.

Contd...2/-

HD R&D
23/3/21

v) Assets acquired wholly or substantially out of Government Grants shall not be disposed without obtaining the prior approval of the sanctioning authority of Grants-in-aid.

vi) Tezpur University shall agree to make reservations for Scheduled Castes, Scheduled Tribes and OBC in the posts or services under its control on the lines indicated by Govt. of India.

vii) The accounts of Tezpur University shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section-14 of the C&AG (DPC 1971) as amended from time to time.

vii) The accounts of Tezpur University shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG(DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry or Department whenever it is called upon to do so.

viii) Utilization Certificate will be provided after utilization of the grants-in-aid.

ix) Tezpur University may furnish their performance-cum-achievement report to the Sanctioning Authority.

x) Noted at S.No.46 in the Register of Grants.

xi) Tezpur University will spend grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of MeitY and for the purpose it is being sanctioned.

xii) Grants-in-aid to Tezpur University are subject to the Economy Instructions issued from time to time by the M/o Finance or by the Competent Authority.

xiii) Grants-in-aid shall be utilized within the stipulated period from the date of the receipt of the grants-in-aid and unspent balance along with interest, if any, will be refunded by Tezpur University.

xiv) Tezpur University will maintain and will present their annual accounts in the standard format, as required under Rule 230(5) of GFR, 2017.

xv) The Grantee Institute has no Utilization Certificate(s) as due for rendition under the scheme in question.

xvi) All interest or other earnings against GIA or advance (other than reimbursement) released should be mandatory remitted to the consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.

xvii) The implementing agency should ensure compliance of EAT module before approaching for further release under the project.

xviii) In case of Non-recurring Grant for specified object,

a. Tezpur University will have to spend the amount sanctioned to them within the stipulate period.

b. Tezpur University will have to submit the utilization certificate in respect of the Grant sanctioned under Rules 238(1) of General Financial Rule, 2017 and with the form GFR 12-A, ibid.

4. The grantee organization (an Autonomous Body) is exempted from the execution of Surety Bond and is governed by the terms & conditions annexed herewith.

5. Drawing & Disbursing Officer (DDO) of Ministry of Electronics and Information Technology is authorized to prefer the bill to Pay & Account Officer for the release of Rs.41.63952 lakh (Rupees Forty One Lakh Sixty Three Thousand Nine Hundred Fifty Two Only) as per bank details given below:-

Contd...3/-

35

i) Bank Name, Branch code & Address:	State Bank of India, Tezpur University Branch, Napaam, Tezpur – 784028, Assam.
ii) IFSC Code:	SBIN0014259
iii) Account No. & Type:	30448821505 - SAVING ACCOUNT
iv) MICR No. :	784002005

6. The expenditure involved will be met from within the Sanctioned Budget Grant 24 under Major Head: 2852, Industries:07 Telecommunication & Electronics Industries; 07.102, Digital India Programme (Minor Head); 06 - Electronics R&D in Information Technology/ Electronics/CC&BT; 06.00.31, Grants-in-Aid General for the Financial Year 2020-21.

7. In view of the instructions issued by Ministry of Finance vide OM No.7(1)/E.Coord/202 dated 14.11.2012, it is certified that the Grantee Institute has no Utilization certificates as "due for rendition" under the Rules in respect of all the Schemes/Programmes/Projects of the Ministry of Electronics and Information Technology.

8. This issues with the approval of Secretary, MeitY vide Computer No.3077563 dated 08.03.2021 and concurrence of SS&FA, MeitY vide Computer No. No.3077563 dated 05.03.2021

Yours faithfully,

A. Padmavathi

(A. Padmavathi)
Deputy Director

Copy to:-

1. The Director, Office of the Director General of Audit, Post & Telecommunication, Shamnath Marg, Civil Lines, Delhi-110 054.
2. Integrated Finance Division, MeitY.
3. D&D Section (2 copies), MeitY.
4. The Registrar, Tezpur University, Napaam, Tezpur.
5. Dr. Nityananda Sarma, Professor, Department of ComputerScience and Engineering, Tezpur University, Tezpur, Assam.
6. Dr. Bijoy Chand Chatterjee, Assist, Professor, Department of Computer Science, South Asian University (SAU), New Delhi.
7. Dr. Ruhul Amin, Assist. Professor, Department of Computer Science and Engineering , Dr. SPM International Institute of Information Technology (IIIT), Naya Raipur, Chhattisgarh.
8. GC(GK) / Scientist 'F'(SA) / Scientist"D"(MA) / DD(AP).
9. Sanction Folder / Project file.

A. Padmavathi

(A. Padmavathi)
Deputy Director

No. 13(34)/2020-CC&BT
Government of India
Ministry of Electronics & Information Technology
Electronics Niketan, 6, CGO Complex
New Delhi-110003

.....

34

Dated: 11.03.2021

ADMINISTRATIVE APPROVAL

Subject:- Administrative Approval for the Project "Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks" implemented by Tezpur University, South Asian University & IIIT Naya Raipur.

I am directed to convey the Administrative Approval of the Competent Authority for implementation of above said project with MeitY Contribution of Rs.86.31624 lakh over duration of 36 months to be implemented by Tezpur University, South Asian University & IIIT Naya Raipur. The details of the project are given in enclosed annexure.

2. This issues in exercise of the powers conferred on this Ministry in consultation with SS&FA, MeitY vide Computer No.3077563 dated 05.03.2021 and the approval of Secretary vide Computer No.3077563 dated 08.03.2021.

Yours faithfully,

A. Padmavathi

(A. Padmavathi)
Deputy Director

Copy to:-

1) PAO, MeitY
2) The Director, Office of the Director General of Audit, Post & Telecommunication, Shamnath Marg, Civil Lines, Delhi – 110054.
3) Integrated Finance Division, MeitY.
4) Drawing & Disbursing Officer, MeitY.
5) The Registrar, Tezpur University, Napaam, Tezpur.
6) Dr. Nityananda Sarma, Professor, Department of ComputerScience and Engineering, Tezpur University, Tezpur, Assam.
7) Dr. Bijoy Chand Chatterjee, Assist, Professor,Department of Computer Science, South Asian University (SAU), New Delhi.
8) Dr. Ruhul Amin, Assist. Professor, Department of Computer Science and Engineering , Dr. SPM International Institute of Information Technology (IIIT), Naya Raipur, Chhattisgarh.
9) GC(GK) / Scientist 'F'(SA) / Scientist"D"(MA) / DD(AP).
10) Sanction File.

A. Padmavathi

(A. Padmavathi)
Deputy Director

ANNEXURE TO ADMINISTRATIVE APPROVALNo.13(34)/2020-CC&BT dated 13.03.2021

1.	Name of the Scheme / Project	Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks.
2.	Objective / Implementation	The objective of the project is: • To investigate possible architectural changes in the network to achieve better performance. • To apply defragmentation or non-defragmentation technique to develop better spectrum management schemes. • Secure communication protocol establishment based on the proposed network architecture for secure data transmission. The protocol also includes authentication model to protect from unauthorized access. • Development of Technique(s)/method(s) to protect from all types of high-level security threats to build the proposed network model robust. • To integrate SDN technology in elastic optical network for better network efficiency and protection from possible security threats in SDN-enable proposed network model. • To develop a light-weight mechanism to store data securely in data centre.
3.	Area of Coverage	Development of Secured and Reliable Spectrum Allocation Schemes for Next-generation Elastic Optical Networks.
4.	Name of Implementing Agency	Tezpur University, South Asian University, IIIT Naya Raipur
5.	Location	Tezpur University, South Asian University, IIIT Naya Raipur
6.	Duration of the project i) Expected date of commencement ii)Expected date of completion	36 months 11.03.2021 10.03.2024
7.	Financial Outlay	The total cost of project is : Rs.86.31624 lakh

Contd...2/-

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Total Budget Outlay

Sr No.	Head	Budget (in Rs. lakh)			
		1st year	2nd year	3rd year	Total
1	Capital Equipment	21	0	0	21
2	Consumable stores	0.3	0.3	0.3	0.9
3	Manpower	16.9632	16.9632	19.152	53.0784
4	Travel & Training	1.2	1.2	2.1	4.5
5	Contingencies	0.3	0.3	0.3	0.9
6	Overheads, if any	1.87632	1.87632	2.1852	5.93784
Grand Total		**41.63952**	**20.63952**	**24.0372**	**86.31624**

Total Budget outlay for Tezpur University, Assam

Sr No.	Head	Budget (in Rs. lakh)			
		1st year	2nd year	3rd year	Total
1	Capital Equipment	6	0	0	6
2	Consumable stores	0.1	0.1	0.1	0.3
3	Manpower	8.0352	8.0352	9.072	25.1424
4	Travel & Training	0.4	0.4	0.7	1.5
5	Contingencies	0.1	0.1	0.1	0.3
6	Overheads, if any	0.86352	0.86352	0.9972	2.72424
Grand Total		**15.49872**	**9.49872**	**10.9692**	**35.96664**

Total Budget outlay for South Asian University, New Delhi

Sr No.	Head	Budget (in Rs. lakh)			
		1st year	2nd year	3rd year	Total
1	Capital Equipment	11	0	0	11
2	Consumable stores	0.1	0.1	0.1	0.3
3	Manpower	4.6128	4.6128	5.208	14.4336
4	Travel & Training	0.4	0.4	0.7	1.5
5	Contingencies	0.1	0.1	0.1	0.3
6	Overheads, if any	0.52128	0.52128	0.6108	1.65336
Grand Total		**16.73408**	**5.73408**	**6.7188**	**29.18696**

Contd...3/-

Total Budget outlay for IIIT, Naya Raipur

Sr No.	Head	Budget (in Rs. lakh)			
		1st year	2nd year	3rd year	Total
1	Capital Equipment	4	0	0	4
2	Consumable stores	0.1	0.1	0.1	0.3
3	Manpower	4.3152	4.3152	4.872	13.5024
4	Travel & Training	0.4	0.4	0.7	1.5
5	Contingencies	0.1	0.1	0.1	0.3
6	Overheads, if any	0.49152	0.49152	0.5772	1.56024
Grand Total		**9.40672**	**5.40672**	**6.3492**	**21.16264**

Grand Total : Rs.86.31624 lakh
Contribution Tezpur University : Nil
MeitY's contribution: Rs.86.31624 lakh

8. Mode & extent of funding **Amount in Rs.**

i) Budgetary support Grant — MeitY contribution Rs.86.31624 lakh

ii) Internal generation

9. Stages of releases of payment

Installment No.	Pre-condition stage of implementation	Documentation to be supplied by Implementing agency	Amount to be released (Rs. Lakh) (MeitY' share)
1.	Issue of Administrative Approval and release of 1st instalment	Acceptance of terms and conditions of Grants-in-aid	41.63952
2.	Release of 2nd installment upon recommendation of PRSG and submission of utilisation certificate of previous installment by Implementing Agency	Technical and Financial Progress Report / Utilization Certificate	20.63952
3.	Release of 3rd installment upon recommendation of PRSG and submission of utilisation certificate of previous installment by Implementing Agency	Technical and Financial Progress Report / Utilization Certificate	24.0372
		Total Rs.	**86.31624**

Contd...4/-

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10. Deliverables / Milestones:

Year-wise break-up of physical achievements with Quarterly milestones with quantum and stages of release of funds:

1st Year

i. Task 1: Study about different architectures of EON considering security aspects
ii. Task 2: Development of spectrum allocation scheme for enhancing resource utilization
iii. Task 3: Development of online methods and algorithms for dynamic traffic

2nd Year

i. Task 4: Designing security protocol for establishing secure communication for high-trustworthy system
ii. Task 5: Designing security protocol for establishing secure communication for middle and low-trustworthy systems

3rd Year

i. Task 6: Understanding of storage related access and security concerns of data centers
ii. Task 7: Development of secured storage and accessing policy techniques for different levels of security in data centers.
iii. Task 8: Performance measurement and improvement in SDN enable EONs

Quarterly milestones		**Implementing Agency Name**	**Technology Readiness Level (TRL) as defined in Table 1**
Q1: < 1st Year> <1-3 months>	(i) Brainstorming among PIs, manpower hiring, basic setup, procurement process for capital equipment, and review of literature	(TU, SAU, IIIT-NR)	TRL1, TRL2
Q2: <1st Year> <4-6 months>	(ii) Study on different architectures of elastic optical networks (EONs) considering Indian context. (iii) Understanding issues and cryptographic algorithms in the context of EONs.	(TU, SAU, IIIT-NR) (TU, SAU, IIIT-NR)	TRL1,TRL2 TRL1,TRL2
Q3: <1st Year> <7-9 months >	(iv) Routing protocol design: Finding suitable primary and backup routes per request. (v) Exploring existing solutions for secure communication protocols in the context of EONs.	(TU, SAU) (TU, IIIT-NR)	TRL2, TRL3 TRL1,TRL2
Q4: <1st Year> <10-12 months >	(vi) Spectrum allocation: Develop a suitable spectrum allocation policy per request, which handles the issues of spectrum fragmentation (vii) Seminar to be conducted among collaborative institutes and industry partner. (viii) Progress report presentation for PRSG	(TU, SAU, IIIT-NR)	(TRL3, TRL4, TRL5)

	committee		
Q1:< 2nd Year> <1-3 months>	(ix) Formulate routing and resource allocation problem as optimization problem for static scenarios (x) Develop a protocol for secure communication in context of proposed elastic optical networks.	(TU, SAU)	TRL2, TRL3
		(IIIT-NR)	TRL3, TRL4, TRL 5
Q2: <2nd Year> <4-6 months >	(xi)Performance evaluation for static scenarios: Solving ILP by LP solvers including CPLEX Optimizer (xii) Exploring how to integrate SDN framework in the proposed EONs	(SAU) (TU, SAU, IIIT-NR)	TRL2, TRL3 TRL1, TRL2
Q3: <2nd Year> <7-9 months >	(xiii) Develop approximate algorithms to address intractability issues for large networks. (xiv) Theoretical analysis of the proposed fragmentation scheme and approximation algorithms. (xv) Develop authentication techniques for proposed EON	(TU, SAU)	TRL3, TRL4, TRL 5
		(TU, SAU)	
			TRL2, TRL 3
		(IIIT-NR)	TRL3, TRL4, TRL 5
Q4: <2nd Year> <10-12 months >	(xvi)Performance evaluation for proposed fragmentation scheme considering Indian network scenarios (xvii) Understanding of storage related issues with access policy and security concerns of data centers. (xviii) Seminar to be conducted among collaborative institutes and industry partner.	(TU, SAU) (TU, IIIT-NR)	TRL2, TRL 3 TRL2, TRL 3 TRL1, TRL 2
Q1:< 3rd Year> <1-3 months>	(xx) Performance evaluation for proposed framework with industry partner (xxi) SDN-enabled security solutions for proposed EONs	(TU, SAU, IIIT-NR) (TU, IIIT-NR)	TRL5, TRL 6 TRL3, TRL 4, TRL5
Q2: <3rd Year> <4-6 months >	(xxii) Analysis of the result obtained from performance evaluation and integrate solutions to obtain the overall design. (xxiii) Workshop on "Secured and Reliable Spectrum Allocation Schemes for Next-Generation Elastic Optical Networks".	(TU, SAU, IIIT-NR) (TU, SAU, IIIT-NR)	TRL2, TRL 3
Q3: <3rd Year> <7-9 months >	(xxiv) Report preparation (xxv) Making portals for public domain to share developed techniques, algorithms, models in the project so that they can be freely available to everyone	(TU, SAU, IIIT-NR) (TU, SAU, IIIT-NR)	
Q4: <3rd Year> <10-12 months >	(xxvi) Report preparation (xxvii) Final presentations in-front of PRSG committee	(TU, SAU, IIIT-NR)	

A. Padmavathi

(A. Padmavathi)
Deputy Director

F. No. Q-11/12/2021-R&D
भारत सरकार / Government of India
खाद्य प्रसंस्करण उद्योग मंत्रालय
Ministry of Food Processing Industries
पंचशील भवन , अगस्त क्रांति मार्ग
Panchsheel Bhavan, August Kranti Marg
नई दिल्ली /New Delhi-110049

Dated: 11.03.2021

To
Dr. Poonam Mishra,
Associate Professor,
Food Engineering and Technology,
Tezpur University, Napaam – 784028 Assam

Subject:- R&D Proposal titled "Phytochemical profiling and valorisation of Pomelo fruit of Northeast region" from Tezpur University, Napaam – 784028 Assam – reg.

Madam,

I am directed to convey the "in-principle" approval for grants-in-aid of **Rs. 41.48 lakh (Rupees Forty One Lakh Forty Eight Thousand only)** towards R&D proposal "**Phytochemical profiling and valorisation of Pomelo fruit of Northeast region**" subject to the following conditions:

1. Duration of the project is 24 months and the date of start of project will be considered from the date of issue of in-principle approval letter for the project.

2. Objectives of project are as under:

   a) Phytochemical and flavour profiling of pomelo fruit juice
   b) Process optimization for development of spray drying fruit juice powder
   c) To optimize the processing steps for development of pomelo fruit jam and marmalade by using pomelo fruit juice and its peel.
   d) Process optimization for synthesis of carbon dots from fruit peel using microwave synthesis

3. The amount of grants-in-aid will be released in three installments as per guidelines. Before the release of 2nd and 3rd installment of grants-in-aid the Ministry of Food Processing Industries (MoFPI) shall re-calculate the eligible amount of grants-in-aid based on proposed or actual expenditure, whichever

is less, on eligible items considered by the Expert Committee that examined and approved the above R&D proposal. The pattern of release of the approved amount of grants-in-aid is at **Annexure**. The 2nd and 3rd installment of the grant can be clubbed together at the option of the Principal Investigator (PI)/ Institution and released after submission of final project completion report and its acceptance by the Competent Authority.

4. MoFPI shall deduct share of the contribution of Industrial Partner, if any, from 2nd installment of grants-in-aid after ascertaining the actual contribution made by Industrial Partner.
5. For government organization, the first installment of grant (100% cost of equipment plus 50% cost of consumables plus 50% cost of manpower (SRF/JRF/RA) and travel allowances for attending Expert Committee meeting, etc. for PI and for Private organization, 50% cost of equipment would be released after submission of the following documents/ information to this Ministry through online portal (https://sampada-mofpi.gov.in/) :
   i. Submission of an affidavit/ undertaking in compliance with GFR 230 (1) of GFR 2017 (in Original).
   ii. Acceptance of standard terms & conditions as per **Annexure-F** of the R&D scheme guidelines issued on 10.08.2017 duly signed by the Head of the applicant organization (in Original).
   iii. Consent from applicant that no financial assistance will be eligible on the existing equipment.
   iv. Quotations of all the equipment to be procured out of grants-in-aid.
   v. Surety Bond of Rs.100 duly signed by Notary (in the case of Private Organization)
   vi. Copies of Purchase Order (in the case of Private Organization)
   vii. Confirmation that the organization will submit six monthly periodical progress reports to this Ministry.
   viii. E-payment mandate form duly certified by Bank.
   ix. Confirmation that the organization/ university/ institute shall bear the expenditure of their share out of their self-generated funds and not from other grants received by it from other Govt. departments/ bodies, which is meant for some other purposes.

6. The standard conditions to be complied with for operation of the funds are as follows:
   i. The applicant organization must submit detailed statement of expenditure for the amount released as 1st, 2nd and 3rd installment certified by the Accounts Officer and countersigned by the Finance Officer/ Registrar/ Administrator of the University/ Institute/ Head of the Department or Charted Accountant (in the case of private organization) to MoFPI as indicated in Annexure-D of the R&D scheme guideline.
   ii. Any unspent balance from earlier payment lying with the organization/

university/ institute at any time due to termination/ resignation of the fellow, etc. must be refunded to MoFPI immediately by means of demand draft in favour of "**Pay & Accounts Officer, MoFPI**". In case the unspent balance is not returned within three month, it shall attract interest as per existing General Financial Rules (GFR 2017).

iii. Organization/ university/ institute receiving grants from MoFPI shall have to maintain separate accounts for each research project on ledger type system.

iv. The released grant shall not be diverted or spent other than for what it has been approved.

v. All equipment(s) purchased out of the grant shall be the property of the Government of India and have to be entered into the Stock Register maintained by the organization/ university/ institute and also in a separate Register maintained by the PI and certified by the Head of the Department.

vi. The organization/ university/ institute shall be responsible for the safe custody of the equipment purchased out of the grant.

vii. Items of equipment(s) shall be purchased following a transparent, fair and competitive tendering system.

viii. A list of equipment purchased is to be appended with the application for 1st installment along with copies of purchase order for all equipment. The name description of the equipment, cost in rupees, date of purchase, and the name of the supplier, may be given in the list. The main purpose/ function of the equipment may also be mentioned against each item. Equipment should be purchased within 3 months from the date of receipt of the sanction letter of respective instalments; otherwise the grant shall stand cancelled and shall be called back.

ix. After the completion of project, the organization/ university/ institute may retain all the equipment purchased for the purpose of the project out of MoFPI grant. A label with the "**MoFPI FUNDED**" shall be stuck prominently on the equipment.

x. The research carried out with the financial assistance of MoFPI shall be in public domain. The facilities created thereof may be utilized as Business/ R&D Incubation Centre after the research is completed for testing/ Research/ Product Development etc. by other organization/ university/ institute on payment basis.

xi. The books of accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit and by any other authority specified by the Ministry, whenever the institution is called upon to do so.

xii. Before the grant is released the grantee should execute a bond (on a non-judicial stamp of Rs.100/-) as per Rule No 231 (3) of GFR-2017.

xiii. As per Rule No 231 (3) of GFR-2017, execution of bond will not apply to quasi-government institutions, central autonomous organizations and

institutions whose budget is approved by Government.

7. The second installment would be released only on receipt of following documents through Sampada portal:
   i. Statement of actual expenditure on the project of the 1st installment of grant provided by MoFPI.
   ii. Progress report in project made till date & its acceptance by Expert Committee.
   iii. Copies of bills/ invoices of equipment purchased out of 1st installment of grant.
   iv. Copies of Purchase order of equipment to be procured out of 2nd installment (in case of private organization)

8. The third and final installment would be released only on receipt of:
   i. Statement of actual expenditure on the project of the Second installment of grant provided by MoFPI.
   ii. Draft Final Project Completion Report duly indicating the objectives of the project achieved by the organization/ university/ institute.
   iii. In the case of private organization copies of bills/ invoices of equipment purchased out of 2nd installment of grant and copies of Purchase order of equipment to be procured out of 3rd installment.

9. As per the present procedure grant shall be released through "Central Plan Monitoring System" of Controller General of Accounts (CGA). You are requested to register your organization with CGA to enable the Ministry to release the grant. You can directly fill-up the details at the link http://pfms.nic.in or alternatively follow the following procedure for registration:-

   Open CGA website at http://pfms.nic.in Central Plan Monitoring System
   Agency: Register
   Fill-up the Agency Details & Bank Details
   Select "PRADHAN MANTRI KISAN SAMPADA YOJANA-HUMAN RESOURCE AND INSTITUTIONS [3612]"

   After filling up the details, a copy of the Printout of Agency Registration may be sent to the Ministry for release of the grant.
   The agency is also required to register on the EAT module (PFMS Portal) and use the same for processing its expenditure under the project. The expenditure not found appearing in EAT module of PFMS will not be taken as eligible expenditure.

10. It is requested that the necessary confirmation/ information/ documents on points mentioned above may be furnished urgently so as to enable this Ministry to process the proposal for release of 1st installment of grant without any delay. ID and password of Sampada portal will be shared separately by email.

Yours faithfully,

(S. K. Verma)
Director
Email: sk.verma@nic.in
Phone No.:- 011-26406567

Copy to:- Registrar, Tezpur University, Napaam – 784028 Assam

FILE NO. EEQ/2020/000507
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)
5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 15-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled "**Rotavirus NSP1 degrades interferon receptors (IFNRs) through a PKR-dependent pathway** " under the guidance of Dr. Nima Dondu Namsa, Molecular Biology and Biotechnology (MBBT), Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 5051115/-** (Rs. Fifty Lakh Fifty One Thousand One Hundred and Fifteen **Only)** with break-up of Rs. ***1199995/-*** **under Capital (Non-recurring) head** and Rs.***3851120/-*** **under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 5051115/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Real time RT-PCR	1199995
A'	*Total (Non-Recurring)*	***1199995***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 2100000 35000
2	Recurring - IV : (Overhead Charges)	459000
B'	*Total (Recurring)*	***3851120***
C	**Total cost of the project (A' + B')**	5051115

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1199995/-** (Rupees Eleven Lakh Ninety Nine Thousand Nine Hundred and Ninety Five only) under 'Grants for creation of capital assets' and **Rs. 1307000/-** (Rupees Thirteen Lakh Seven Thousand only) under 'Grants-in-aid General' to **REGISTRAR, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (ST)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **15 March, 2021** and vide Diary No. **SERB/F/8450/2020-2021** dated **15 March, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 2506995/-** (Rupees Twenty Five Lakh Six Thousand Nine Hundred and Ninety Five only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their

Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R & D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCH & TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM 784 028
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	namsa@tezu.ernet.in

12.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2020/000507 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Nima Dondu Namsa** **Molecular Biology and Biotechnology (MBBT)** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: namsa@tezu.ernet.in** **Mobile: 919401750922** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**REGISTRAR,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

m: SERB_Administrator@serbonline.in
bject: Sanction Order : CRG/2020/002651
ate: Thu, April 8, 2021 10:38 am
To: info@serbonline.in

(2)

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Dr. Aditya Kumar,

The below details for **Science & Engineering Research Board (SERB)** Sanction Order (*attached to this mail)*

Sanction Order No	CRG/2020/002651
Sanction Date	19 March, 2021
PI Name	Dr. Aditya Kumar
Institute/University	Tezpur University , Napaam, Tezpur, Assam, Tezpur, Assam-784028
PI Account Number	30448821505
Bank & Branch Name	STATE BANK OF INDIA Tezpur University Branch Tezpur University Napaam Sonitpur Assam - 784028
Amount	INR 2762000/-
In Rupees	Twenty Seven Lakh Sixty Two Thousand
UTR No	000248096491-G & RBI0882110786903-C
Transaction Date	26 March, 2021 & 29 March, 2021

SERB Reference Number:

Bill No GIA/7419/2020-21
Diary No / Finance No SERB/F/8650/2020-2021

Confirmation of receipt of funds may be sent by **email** only.

IMPORTANT:

1. **SEPARATE Utilization Certificates (UCs)** for **Recurring and Non Recurring (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (signatory of the sanction order) **within twelve months of the closure of the financial year in which the grants were released irrespecrive of whether the subsequent instalment of grant is due for release or not**.

2. However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, **payable at New Delhi** and **forwarded to the undersigned at the address given below:**

--

Under Secretary

Science & Engineering Research Board (SERB)

(A statutory body under the Government of India's Department of Science & Technology)

5 & 5A, Lower Ground Floor, Vasant Square Mall

Vasant Kunj, New Delhi 110070

INDIA

+91-11-40000328/9

+91-11-40000319/49/52

+91-9818223293

+91-9818223294

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

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****

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Attachments:

Sanction order for CRG/2020/002651.pdf	
Size:	211 k
Type:	application/octet-stream

FILE NO. CRG/2020/002651

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 19-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled "**Elucidating the mechanism of action of PehR, a transcriptional regulator in pathogenicity of Ralstonia solanacearum FICI (local isolate)**" under the guidance of Dr. Aditya Kumar, Molecular Biology and Biotechnology, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 and by Prof. Suvendra Kumar Ray, Professor, Dept Of Molecular Biology And Biotechnology, Tezpur University - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of Rs. 6366096/- (Rs. Sixty Three Lakh Sixty Six Thousand and Ninety Six **Only)** with break-up of **Rs. *1250000/-* under Capital (Non-recurring) head** and **Rs.*5116096/-* under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 6366096/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> Plant growth chamber -> Workstation	1250000
A'	*Total (Non-Recurring)*	*1250000*
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1827360 2700000 10000
2	Recurring - IV : (Overhead Charges)	578736
B'	*Total (Recurring)*	*5116096*
C	**Total cost of the project (A' + B')**	6366096

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1250000/-** (Rupees Twelve Lakh Fifty Thousand only) under 'Grants for creation of capital assets' and **Rs. 1512000/-** (Rupees Fifteen Lakh Twelve Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (Interdisciplinary Biological Sciences)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **18 March, 2021** and vide Diary No. **SERB/F/8650/2020-2021** dated **18 March, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 2762000/-** (Rupees Twenty Seven Lakh Sixty Two Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA Tezpur University Branch Tezpur University Napaam Sonitpur Assam - 784028
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	aditya@tezu.ernet.in

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2020/002651 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. Aditya Kumar** **Molecular Biology and Biotechnology** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: aditya@tezu.ernet.in** **Mobile: 919741964840** **Prof. Suvendra Kumar Ray** **Dept Of Molecular Biology And Biotechnology** **Tezpur University** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, Tezpur University,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T)
Scientist E
msls@serb.gov.in

(12)

n: SERB_Administrator@serbonline.in
bject: Sanction Order : CRG/2020/001829
te: Mon, April 5, 2021 2:12 pm
o: info@serbonline.in

Science and Engineering Research Board

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

Dear Dr. ANUPAM NATH JHA,

The below details for **Science & Engineering Research Board (SERB)** Sanction Order (*attached to this mail)*

Sanction Order No	CRG/2020/001829
Sanction Date	23 March, 2021
PI Name	Dr. ANUPAM NATH JHA
Institute/University	Tezpur University , Napaam, Tezpur, Assam, Tezpur, Assam-784028
PI Account Number	30448821505
Bank & Branch Name	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCH, TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM 784028
Amount	INR 1207706/-
In Rupees	Twelve Lakh Seven Thousand Seven Hundred and Six
UTR No	000250548872-G & RBI08921109041O4-C
Transaction Date	30 March, 2021 & 29 March, 2021

SERB Reference Number:

Bill No GIA/7529/2020-21
Diary No / Finance No SERB/F/8551/2020-2021

Confirmation of receipt of funds may be sent by **email** only.

IMPORTANT:

1. **SEPARATE Utilization Certificates (UCs)** for **Recurring and Non Recurring (even if DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (signatory of the sanction order) **within twelve months of the closure of the financial year in which the grants were released irrespecrive of whether the subsequent instalment of grant is due for release or not.**

2. However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an **a/c payee cheque/DD** drawn in favour of **"Fund for Science & Engineering Research"**, **payable at New Delhi** and **forwarded to the undersigned at the address given below:**

--

Under Secretary

Science & Engineering Research Board (SERB)

(A statutory body under the Government of India's Department of Science & Technology)

5 & 5A, Lower Ground Floor, Vasant Square Mall

Vasant Kunj, New Delhi 110070

INDIA

+91-11-40000328/9

+91-11-40000319/49/52

+91-9818223293

+91-9818223294

********** LEGAL DISCLAIMER **********

Please do not reply to this mail !!

[SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline https://www.twitter.com/serbonline]

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Attachments:

Sanction order for CRG/2020/001829.pdf	
Size:	220 k
Type:	application/octet-stream

FILE NO. CRG/2020/001829

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 23-Mar-2021

ORDER

Subject: Financial Sanction of the research project titled **"Strategic Systems Biology and Metabolic Pathways approach to develop nanocarriers for targeted drug delivery"** under the guidance of Dr. ANUPAM NATH JHA, DEPT OF MBBT, Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2603120/- (Rs. Twenty Six Lakh Three Thousand One Hundred and Twenty **Only**) with break-up of Rs. *500000/-* under Capital (Non-recurring) head and Rs.*2103120/-* under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2603120/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	**Non-recurring**	
1	Equipment -> High End Computer workstation with peripherels	500000
A	*Total (Non-Recurring)*	***500000***
B	**Recurring Items**	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 600000 10000
2	Recurring - IV : (Overhead Charges)	236000
B'	*Total (Recurring)*	***2103120***
C	**Total cost of the project (A' + B')**	2603120

2. Sanction of the SERB is also accorded to the payment of **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 707706/-** (Rupees Seven Lakh Seven Thousand Seven Hundred and Six only) under 'Grants-in-aid General' to **Registrar, TEZPUR UNIVERSITY, Tezpur University, Napaam, Tezpur, Assam** being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (Biomedical and Health Sciences)

4. The Sanction has been issued to Tezpur University, Napaam, Tezpur, Assam with the approval of the competent authority under delegated powers on **16 March, 2021** and vide Diary No. **SERB/F/8551/2020-2021** dated **17 March, 2021**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 1207706/-** (Rupees Twelve Lakh Seven Thousand Seven Hundred and Six only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given

below:

PFMS Unique Code	TU
Account Name	TEZPUR UNIVERSITY R&D
Account Number	30448821505
Bank Name & Branch	STATE BANK OF INDIA TEZPUR UNIVERSITY BRANCH, TEZPUR UNIVERSITY, NAPAAM, SONITPUR, ASSAM 784028
IFSC/RTGS Code	SBIN0014259
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	anjha@tezu.ernet.in

12.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. CRG/2020/001829 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Balachandar Venkatesan)
Scientist F
ms_hs@serbonline.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	**Dr. ANUPAM NATH JHA** **DEPT OF MBBT** **Tezpur University , Napaam, tezpur, assam, Tezpur, Assam-784028** **Email: anjha@tezu.ernet.in** **Mobile: 918876236119** (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	**Registrar, TEZPUR UNIVERSITY,** **Tezpur University, Napaam, Tezpur, Assam** (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Balachandar Venkatesan)
Scientist F
ms_hs@serbonline.in

No.4(10)/2021-ITEA
Government of India
Ministry of Electronics and Information Technology (MeitY)
ITEA Division
R&D in IT Group

Dated: 24th March, 2021
New Delhi: 110003

ADMINISTRATIVE APPROVAL

Subject: The project entitled "Development of Quantum Optical Sensor based system to identify and categorize Arsenic and Lead in water even with very low concentration" to be implemented jointly by Centre for Development of Advanced Computing (C-DAC), Kolkata and Tezpur University, Assam – regarding.

The undersigned is directed to convey the Administrative Approval of the Competent Authority to the implementation of the project entitled "Development of Quantum Optical Sensor based system to identify and categorize Arsenic and Lead in water even with very low concentration" to be implemented jointly by Centre for Development of Advanced Computing (C-DAC), Kolkata and Tezpur University, Assam at a total estimated cost of Rs. 238.99 Lakh (Rupees Two Crore Thirty Eight Lakh and Ninety Nine Thousand only) as grants-in-aid from Ministry of Electronics and Information Technology over a period of three years. The Grant-in-aid will be released to C-DAC, Kolkata. C-DAC, Kolkata will further release the assigned Grant-in-aid to Tezpur University, Assam. The consolidated Utilization Certificate with respect to the released Grant-in-aid will be submitted by C-DAC, Kolkata.

2. The details of the project are given in the Annexure-I enclosed. The other Terms & Conditions governing release of Grant-in-aid from MeitY are given in Annexure-II.

3. This issues with the approval of Secretary, Ministry of Electronics and Information Technology vide note No. 35 dated 19th March, 2021 on e-file no.3077757 and with the concurrence of SS&FA, MeitY vide note No. 32 dated 19th March, 2021, ibid.

Medhavi Singh
(Medhavi Singh)
Deputy Director

Copy to:

1. Pay & Accounts Office, MeitY
2. The Director, Office of the Director General of Audit, Finance & Communication, Sham Nath Marg, Delhi-110054.
3. Shri Munmun Chakraborty, Joint Director, Centre for Development of Advanced Computing (C-DAC), Kolkata, Plot-E/21, Block-FP, Sector-V, Salt Lake Electronics Complex, Bidhnnagar, Kolkata-700091.
4. Dr. Partha Pratim Sahu, Professor, Department of Electronics and Communication Engineering, Napaam, Tezpur, Assam-784028.
5. Drawing & Disbursing Officer, MeitY.
5. Joint Director, Finance Division, MeitY.
6. GC(R&D in IT & NKN)/Dir(MKJ)/Sc.'E'(VMG)/DD(MS),MeitY.
7. Sanction Folder.

Annexure-I to Administrative Approval No.4(10)/2021-ITEA dated 24th March, 2021

1	Name of the Project	"Development of Quantum Optical Sensor based system to identify and categorize Arsenic and Lead in water even with very low concentration"
2	Objective	The main aim of the project is to develop a quantum optical sensor based array device towards the quality grading of useable water for several purposes (mainly drinking).The sub objectives that combinatorial fulfils the main objective are: • Development of quantum sensors based signal transduction towards detection of health hazardous component of water like Arsenic and Lead. • IoT enabling of the device.
2.1	Deliverables / Outcome	Super precision measurement System of water pollutants of extremely low concentration using quantum optical sensor and photon coincidence measurement. a) Specifications of subsystem/system (as applicable) • Development of quantum sensors based signal transduction towards detection of several water parameters like hardness, pH, BOD, COD, TDS, EC, metals and heavy metals, antibiotics, phenolic toxicants, microbial load etc. • IoT enabling of the device. b) Nature of documents for technology transfer • User manual. • Technical documentation. c) Manpower trained • 8 to 10 would be trained in this area.
3.2	Intermediate Milestrones on Quarterely basis	As per Appendix 'A'
4	Name of the Implementing Agencies and status	(i) Centre for Development of Advanced Computing (C-DAC), Kolkata (Autonomous Body). (ii) Tezpur University, Assam (Autonomous Body).
5	Name of Chief Investigator:	(i) Shri Munmun Chakraborty, Joint Director, C-DAC, Kolkata. (ii) Dr. Partha Pratim Sahu, Professor, Tezpur University, Assam.
6.	Total Project duration	3 Years
	(i) Expected date of commencement	24.03.2021
	(ii)Expected date of completion	23.03.2024

7. Total Project Outlay: Rs. 238.99 Lakh (Rupees Two Crore Thirty Eight Lakh and Ninety Nine Thousand only)

(Rs. in Lakh)

Sl. No.	Particulars	1st Year	2nd Year	3rd Year	Total
1.	Capital Equipment & Software	54.00	0.00	0.00	**54.00**
2.	Consumable stores	2.00	2.00	2.00	**6.00**
3.	Manpower	46.20	47.22	50.26	**143.68**
4.	Travel	3.00	3.00	3.00	**9.00**
5.	Training	2.50	2.50	0.00	**5.00**
6.	Contingencies	1.50	1.50	1.50	**4.50**
7.	Overheads	5.52	5.62	5.67	**16.81**
	Total	**114.72**	**61.84**	**62.43**	**238.99**

7.1. Distributions of fund between C-DAC, Kolkata and Tezpur, University

Rs. (in Lakh)

S.N	Particulars	C-DAC, Kolkata	Tezpur, University	Total
1.	Capital Equipment & Software	27.00	27.00	**54.00**
2.	Consumable stores	4.50	1.50	**6.00**
3.	Manpower	109.92	33.76	**143.68**
4.	Travel	7.50	1.50	**9.00**
5.	Training	4.00	1.00	**5.00**
6.	Contingencies	3.00	1.50	**4.50**
7.	Overheads	12.89	3.92	**16.81**
	Total	**168.81**	**70.18**	**238.99**

8. Mode and extent of Funding:

(i)	Budgetary Support	
a)	Grants-in-aid from MeitY	Rs. 238.99 Lakh
b)	Loan	Nil
c)	If loan, terms and condition for grant or loan to be stipulated if terms and condition have been Accepted, reference to acceptance	N.A.
(ii)	Internal generation	Nil

Madhumita

9. Stages of release Grants-in-Aid:-

Release No.	**Pre-condition/ Stages of implementation**	**Documentation to be supplied by Implmentation Agency**	**Amount to be released Rs.**
1st release	Inititiaon of the project	Acceptanee of Terms and Conditions governing grants-in-aid	100.00 Lakh
2nd and subsequent releases	Recommendations of the PRSG & satisfactory progress report of the project	a. Submission of Utilization Certificate of the previous release. b. Technical & Financial Progress Report. c. Audited Statement of Accounts.	138.99 Lakh
		Total	**238.99 Lakh**

Note: The implementing agencies may associate the user agency/industry from the last quarter of the 2nd year.

Medhavi Singh

(Medhavi Singh)
Deputy Director

Appendix 'A'

Quarterly Milestones lined with TRL.

Quarter S. No.	Milestones	Technology Readings Level
Qrt 1	(i) Manpower mobilization (ii) Project registration (iii) Formulation of Management Plans (iv) Arrangement of hands on training for 2 manpower on quantum sensor at reputed institute like TIFR/ IISc Bangalore/ SSPL Delhi.	TRL.1
Qrt 2	(i) Finalization of water quality testing parameters. (ii) Real sample collection: Portable water collection Plan (iii) Finalization and purchase of chemical items, required electronics hardware components, chemicals (conventional water testing). (iv) Arrangement of hands on training for 2 manpower on quantum sensor at reputed institute like TIFR/ IISc Bangalore/ SSPL Delhi.	
Qrt 3	(i) Development of sensor and necessary calibrations and optimization.	TRL.2
Qrt 4	i) Water sample collection and testing from accredited lab and in-house. (ii) Testing of sensors at the laboratory with controlled samples. (iii) Optimization of different parameters. (iv) Submission of paper and attending workshop on quantum sensor for 2 manpower.	
Qrt 5	(i) Experimentations to establish quantum entangled state. (ii) Training (iii) Experimental verification of Entangle state. (iv) Arrangement of hands on training for 2 manpower on quantum sensor at reputed institute like TIFR/ IISc Bangalore/ SSPL Delhi 20.30 TRL2 and TRL3	TRL.2 and TRL.3
Qrt 6	i) Measurement of concentration with entangled photon states. (ii) Validation of working setup with conventional water testing results. (iii) Development of the algorithms. (iv) Arrangement of hands on training for 2 manpower on quantum sensor at reputed institute like TIFR/ IISc Bangalore/ SSPL Delhi.	
Qrt 7	(i) Development of the software (ii) Integration of the software with hardwares (iii) Unit Testing	TRL.3 and TRL.4
Qrt 8	(i) Lab scale working setup validation. (ii) Development of 1st version of prototype. (iii) Submission of paper and attending workshop on quantum sensor for 2 manpower.	
Qrt 9	(i) Fine tuning of the prototype. (ii) Field trial at user premises with controlled samples. (iii) Organizing Seminar.	TRL.4 and TRL.5
Qrt 10	(i) Deployment of the prototype device at different user premises at North East (ii) Collection of user feedback.	
Qrt 11	i) Customization of the hardware and software.	TRL.5 and TRL.6
Qrt 12	(i) Preparation of Reports and technical documents towards completion of project. (ii) Commencement of process of IP generation and TOT.	

Annexure - II

Terms & Conditions for Grant-in-Aid

The grant is for the specific project as approved by Ministry of Electronics & Information Technology (MeitY) and shall be subject to the conditions listed below. The proposal originating industry and grantee institution shall give an undertaking that they agree to be governed by these conditions.

1. The grant amount shall be i) spent for the project within the specified time; and ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MeitY;

2. The grantee institution shall maintain an audited record in the form of a register in the prescribed proforma for permanent, semi-permanent assets acquired solely or mainly out of MeitY grant;

3. The assets referred to in (2) above will be property of MeitY and should not, without prior sanction of MeitY, be disposed off or encumbered or utilized for the purposes other than those for which the grant has been sanctioned;

4. At the conclusion of the project, MeitY will be free to sell or otherwise dispose of the assets which are the property of MeitY and grantee institution shall render to MeitY the necessary support for facilitating the sale of these assets;

5. The grantee institution shall send to the MeitY at the end of each financial year as well as at the time of seeking further installments of the grant a list of assets referred to in (2) above;

6. Should at any time grantee institution cease to exist, such assets etc., shall revert to MeitY;

7. The grantee institution shall render progress-cum-achievement reports at interval of not exceeding six months on the progress made on all aspects of the project including expenditure incurred on various approved items during the period;

8. The grantee institution shall render an audited statement of accounts to MeitY;

9. The audited statement of accounts relating to grants given during financial year together with the comments of the auditor regarding the observance of the conditions governing the grant should be forwarded to the MeitY within six months following the end of the relevant financial year;

10. The utilization of grant for the intended purposes will be looked into by the Auditor of grantee institution according to the directives issued by the Government of India at the instance of the Comptroller and Auditor General and the specific mention about it will be made in the audit report;

11. MeitY or its nominee(s) will have the right of access to the books and accounts of the grantee institution for which a reasonable prior notice would be given;

12. The grantee institution should maintain separate audited account for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, all the interest or other earnings against GIA should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of accounts. Such advances shall not be allowed to be adjusted against further releases in pursurance of GFR provisions.

13. Institute may retain the sale proceeds of prototypes, etc fabricated as a result of the development of the project arising directly from funds granted by the Ministry. The Institute may use funds thus generated for furtherance of project objectives;

14. The Intellectual property and the rights associated with it shall be agreed between the participating organizations before the start of the project. The Industry/ Industry Consortium/ Institution(s) will make all efforts to protect intellectual property generated out of the project. The institution(s)/industry would submit the periodic report to MeitY for a period of minimum 5years on the status of IPRs created/commercialization under the project. (5 years is the expected life time of product/technology). Furthermore, IPR must also reside in India so that India has access and complete control to these rights in times of emergency to protect our national interest;

15. Application by grantee institution for any other financial assistance or receipt of grant/loan from any other Agency/Ministry/Department for this project should have the prior approval of Ministry of Electronics & Information Technology;

16. The Grantee institution(s) is not allowed to entrust the implementation of this project for which grant-in-aid is received to another institution and to divert the grant-in-aid received from Ministry of Electronics & Information Technology as assistance to the later institution;

17. MeitY shall appoint a Project Review and Steering Group (PRSG) comprising of representatives from MeitY and other experts. PRSG will periodically monitor the project in all respects including technical and financial;

18. In case of any dispute on any matter, related to the project during the course of its implementation, the decision of the Secretary, MeitY, shall be final and binding on the proposal originating industry/ industry consortium and grantee institute.

(5)

E-31439

DST/INT/HUN/P-22/2020 (G)
Government of India
Ministry of Science and Technology
Department of Science & Technology
(International Cooperation Division)

Technology Bhavan,
New Mehrauli Road
New Delhi-110016
Date: 26.03.2021

ORDER

Subject: Implementation of Indo- Hungarian Joint project entitled: "**Applied research and development for industrial realization of lignin recycling and conversion to value-added international market products**" coordinated by **Dr. Dhanapati Deka** with the Hungarian partner **Dr. Magdolna R Mahalyi** - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding Rs. **48,38,554/- (Rupees Forty Eight Lakhs Thirty Eight Thousand Five Hundred and Fifty Four only)** for implementation of the Indo-Hungarian joint project entitled ""**Applied research and development for industrial realization of lignin recycling and conversion to value-added international market products**" coordinated by **Dr. Dhanapati Deka,** Department of Energy, Tezpur University, Tezpur-784028, Assam in collaboration with **Dr. Magdolna R Mahalyi,** Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, Budapest, Hungary for a total duration of 3 years from the date of issue of the sanction order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component	:	**Rs. 40,38,554/-**
Capital Component	:	**Rs. 8,00,000/-**

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the International air travel, medical insurance and visa charges whereas the receiving side shall bear the cost of accommodation, hospitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below:

S. No	Items of Expenditure	1st Year		2nd Year	3rd Year	Total
		1st Six Months	2nd Six Months			
1.	Manpower 1 JRF@31,000/- per month +8%HRA=Rs. 33,480/- and 1 SRF@Rs. 35,000/- per month +8%	8,55,360	Nil	8,55,360	9,07,200 (JRF to SRF+SRF)	26,17,920/-

U. Tirkey

O/C

Condition for placing of grant amount:

4. The institute will maintain separate audited account for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the (financial year wise) Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of the grant.

Conditions for submission of SE/UC and Progress report:

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant;

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

Conditions of Assets (if any):

8 (a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST, in the event; the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.

(c) Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through Gem only as per the provisions of Rule 149 of GFR.

Conditions for International Visits:

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	HRA=37,800/-					
2.	Minor Equipment	8,00,000	Nil	-	-	8,00,000
3.	**Visits from India to Hungary*:**					
	Number of visits and duration for each visit	Nil	2 visits (2 weeks each)	1 visit (2 weeks total)	1 visit (2 weeks total)	4 visits
	International to & fro Airfare by economy class including airport taxes	Nil	1,60,000	80,000	80,000	3,20,000
	Local travel in India & Hungary from city parent institute to nearest International Air Port	Nil	50,000	25,000	25,000	1,00,000
	visa fee	Nil	16,000	8,000	8,000	32,000
	Overseas medical insurance	Nil	8,000	4,000	4,000	16,000
4.	**Visits from Hungary to India*:**					
	Number of visits and duration for each visit	Nil	2 visits (2 weeks each)	Nil	2 visits (2 weeks each)	4 visits
	Accommodation Charges	Nil	70,000	Nil	70,000	1,40,000
	Per diem	Nil	25,000	Nil	25,000	50,000
5.	Consumables	1,00,000	Nil	1,00,000	1,00,000	3,00,000
6.	Contingency	50,000	Nil	50,000	50,000	1,50,000
7.	Overhead (8%)	1,48,029	Nil	76,429	88,176	3,12,634
	Total	**19,53,389**	**3,29,000**	**11,98,789**	**13,57,376**	**48,38,554**
			22,82,389			

*Travel grant will be released only after requisite clarification from DoE.

3. Sanction of the President is hereby accorded for release of 1st instalment amounting of **Rs. 11,53,389/- (Rupees Eleven Lakhs Fifty Three Thousand Three Hundred and Eighty Nine only)** only to the grantee Institute. The amount of grant will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Tezpur University, Assam**. The bank details for electronic transfer of funds through RTGS are given below:-

Account Holders name/ designation	Registrar, Tezpur University
Name of Bank	State Bank of India, Tezpur University Branch
Bank Account Number	30448821505
IFSC Code	SBIN0014259
E-Mail	registrar@tezu.ernet.in, dhanapati@tezu.ernet.in

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per Ministry of Finance, Department of Expenditure vide Office Memorandum No.19024/22/2017-E.IV dated 19th July, 2017, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India and air ticket, may be purchased directly from airlines (viz. Air India) at booking counters/website of airlines or from 3 authorized travel agents namely M/s. Balmer Lawrie & Company Limited, M/s. Ashok Travels & Tours and IRCTC only. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

Other Conditions:

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

14. **Failure to comply with the terms and conditions of the sanction order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

15. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	Research and Development
14.00.31	:	Grants-in-aid General for the year 2020-21 (Plan)
		(**Previous:** ICD-3425.60.798.12.00.31)

16. This sanction order being 1st instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.

17. This issues with the concurrence of IFD vide their concurrence Dy. No. **C/6245/IFD 2020-21 dated 25.03.2021**

U. Tirkey

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 375 in the register of grants maintained in the Division.

19. Continuation of the Project beyond 31/03/2021 will be subject to appraisal and approval of the Umbrella Scheme "Research & Development" under which the Project is funded.

U. Tirkey

(Ujjwala T. Tirkey)
Scientist 'G'

To,

The Pay & Accounts Officer,
Department of Science & Technology,
New Delhi-110016

Copy to:

1. Office of the Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. T.F. Division/Accounts Section, DST
4. Sanction Folder
5. Project File
6. **Registrar, Tezpur University, Tezpur-784028, Assam**
7. **Dr. Dhanapati Deka, Department of Energy, Tezpur University, Tezpur-784028, Assam**

U. Tirkey

(Ujjwala T. Tirkey)
Scientist 'G'

234-235

Admin

No. BT/PR41637/NER/95/1753/2021

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated:31/03/2021

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: **"Exploiting chemical ecology for IPM: Deciphering the phyto-semiochemicals involved in Insect-Plant interactions of major crop pests of North East Region-India"** for a period of 3 Year 0 Month at a total cost of Rs. **47579782** (Rupees Four Crores Seventy Five Lakhs Seventy Nine Thousand Seven Hundred and Eighty Two Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : **"Exploiting chemical ecology for IPM: Deciphering the phyto-semiochemicals involved in Insect-Plant interactions of major crop pests of North East Region-India"**

2.2 Details of the Investigators:

Project Coordinator

Dr. KAMALA JAYANTHI P D
PI
CROP PROTECTION, IIHR, Bangalore
Indian Institute of Horticultural Research
Department of Entomology and Nematology, Indian Institute of Horticultural Research, Hesseraghatta Lake PO, Bangalore 560089, Bangalore, Karnataka, 560089

Principal Investigators:

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रोधो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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Dr. KAMALA JAYANTHI P D
PI
CROP PROTECTION, IIHR, Bangalore
Indian Institute of Horticultural Research
Dr P D Kamala Jayanthi, National Fellow, Department of
Entomology and Nematology, Indian Institute of Horticultural

Dr. Badal Bhattacharyya
Principal Scientist
Entomology
Assam Agricultural University
Principal Scientist, All India Network Project on Soil
Arthropod Pests, Assam Agricultural University, Jorhat,

Dr. D Srinivasa Reddy
Director
Natural Product Chemistry Division
CSIR Indian Institute of Integrative Medicine canal road Jammu
,Jammu And Kashmir (UT), 180001

Dr. Sikha Deka
Junior Entomologist
Department of Entomology
Citrus Research Station, Assam Agricultural University Gelapukhuri Road,
District Tinsukia,, Tinsukia - 786125,

Dr. Suvendra Kumar Ray
Professor
Department of Molecular Biology and Biotechnology
Tezpur University
Tezpur,Assam, 784028

CO-PI:

Dr. Robin Chandra Boro
Assistant Professor
Department of Agricultural Biotechnology
Assam Agricultural University
Assam

Dr. Inee Gogoi
Assistant Professor
Department of Agricultural Entomology
Assam Agricultural University
Assam

Dr. Kritideepan Sarmah
Junior Scientist
Biochemistry and Agricultural Chemistry
Assam Agricultural University
785013, Assam

Dr. Santa Kalita
Assistant Professor
Environmental Science
Tezpur University
Assam

Dr. Raaj Kumar Kakoti
Principal Scientist
Plant Pathology

Vaishali

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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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Citrus Research Station, Gelapukhuri Road, Tinsukia
786125 Assam

Dr. Sudhansu Bhagawati
Junior Scientist
Entomology
Assam Agricultural University
785013, Assam

Dr. Debaraj Mukherjee
Principal Scientist
Natural Product Chemistry Division
CSIR - Indian Institute of Integrative Medicine,Canal Road, Jammu – 180001

Dr. Sumit G. Gandhi
Principal Scientist
CSIR Indian Institute of Integrative Medicine canal road Jammu
CSIR - Indian Institute of Integrative Medicine,Canal Road, Jammu – 180001, Jammu

Vaishali.

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विज्ञान और प्रोद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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2.3 Objectives:

Overall Objectives:

1. To isolate and identify the phyto-semiochemical cues and associated endophytes involved in insect-insect and plant-insect interactions (crop-pest model systems: Banana & Citrus)
2. To explore the molecular basis of semiochemical perception in insect-insect and plant-insect interactions and the associated population diversity in selected crop pest model systems
3. To evaluate the above identified phyto-semiochemicals as potent attractant/ repellent cues against selected crop pest model systems

Institute wise Objectives:

Assam Agricultural University

1. Survey to understand the patterns of species diversity of Fruit scarring beetle, stem and rhizome weevils in Banana and sampling for MCOI studies
2. Screening the Banana germplasm/wild relatives/repellent plant sources for Banana weevil complex preference/avoidance
3. Establishing the mass cultures of Banana coleopteran pest complex;
4. Understanding the behavioural ecology of target insects
5. Standardization of pheromonal glands extracts for electrophysiological studies
6. Host plant/target insect volatile collection for olfactometer assays
7. Field evaluation of synthetic semiochemical blends against target insect pests

Central Agricultural University (Manipur)

1. Survey to understand the patterns of species diversity of pulp weevil and stone weevil in Mango; cucurbit fruit fly in cucurbits and sampling for MCOI studies
2. Screening the Mango/Cucurbit germplasm/wild relatives/repellent plant sources for target insect preference/avoidance
3. Establishing the mass cultures of above target insects
4. Understanding the behavioural ecology of target insects
5. Host plant/target insect volatile collection for olfactometer assays
6. Field evaluation of synthetic semiochemical blends against target insect pests

CITRUS RESEARCH STATION, TINSUKIA, ASSAM

1. Survey to understand the patterns of species diversity of trunk borer, fruit fly and fruit sucking moths in Citrus and sampling for MCOI studies
2. Screening the Citrus germplasm/ repellent plant sources
3. Establishing the mass cultures of above target insects
4. Understanding the behavioural ecology of target insects
5. Host plant/target insect volatile collection for olfactometer assays
6. Field evaluation of synthetic semiochemical blends against target insect pests

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विज्ञान और प्रोद्यो. मंत्रालय / M/o Science & Tech.
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CSIR Indian Institute of Integrative Medicine canal road Jammu

1. Initial characterization of the semiochemicals in selected crops (Banana and Citrus)
2. Structural studies and functional validation of the identified compounds
3. Synthesis of the most promising pheromonal compounds
4. Standardization of pheromonal blend and nanogel based formulation

ICAR RC for NEH Region, Umiam, Meghalaya

1. Survey to understand the patterns of species diversity of cucurbit fruit fly and brinjal fruit and shoot borer and sampling for MCOI studies
2. Screening the Cucurbits/ Brinjal germplasm/wild relatives/ repellent plant sources for target insect preference/avoidance
3. Establishing the mass cultures of above target insects
4. Understanding the behavioural ecology of target insects
5. Host plant/target insect volatile collection for olfactometer assays
6. Field evaluation of synthetic semiochemical blends against target insect pests

Indian Institute of Horticultural Research

1. Collection and extraction of semiochemicals; olfactometer bioassays; Standardization of analytical procedures for isolation of biologically active fractions from above collections for target insects and to define precisely the semiochemical blends of active emissions
2. To explore the GC-EAD/MS for isolation/identification of potent chemical cues and standardization of synthetic blends
3. Standardization of semiochemical blends based on GCEAD/GCMS studies
4. To explore molecular basis of olfaction in fruit fly model system and population diversity of target insects in NER
5. To supply of semiochemical blends to NER collaborating institutes for target insects for field evaluation

Tezpur University

1. Isolation and characterization of endophytes from Citrus and Banana plants having insect behaviour modifying effects
2. To establish the role of endophytes of target host plants with its insect pests

Vaishali.

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2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **47579782**/-(Rupees Four Crores Seventy Five Lakhs Seventy Nine Thousand Seven Hundred and Eighty Two Only) as per details given below :

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Assam Agricultural University	15655348	1480348	1384028	**18519724**
2. CITRUS RESEARCH STATION, TINSUKIA, ASSAM	2553020	1403520	1357200	**5313740**
3. CSIR Indian Institute of Integrative Medicine canal road Jammu	2458040	1763040	1774400	**5995480**
4. Indian Institute of Horticultural Research	6902258	2795080	2560680	**12258018**
5. Tezpur University	2757250	1403520	1332050	**5492820**
Total (Rs.)	**30325916**	**8845508**	**8408358**	**47579782**

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Assam Agricultural University				
Equipment	14175000.00			**14175000.00**
Manpower	930348.00	930348.00	1034028.00	**2894724.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	100000.00	150000.00	100000.00	**350000.00**
Consumables	350000.00	300000.00	150000.00	**800000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**15655348.00**	**1480348.00**	**1384028.00**	**18519724.00**
2. Indian Institute of Horticultural Research				
Equipment	4157178.00			**4157178.00**
Manpower	1870080.00	1870080.00	1885680.00	**5625840.00**
Overhead	25000.00	25000.00	25000.00	**75000.00**
Travel	100000.00	150000.00	100000.00	**350000.00**
Consumables	700000.00	700000.00	500000.00	**1900000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**6902258.00**	**2795080.00**	**2560680.00**	**12258018.00**
3. CSIR Indian Institute of Integrative Medicine canal road Jammu				
Equipment	799400.00			**799400.00**
Manpower	863040.00	863040.00	974400.00	**2700480.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	30000.00	40000.00	40000.00	**110000.00**

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विज्ञान और प्रोधो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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Consumables	700000.00	800000.00	700000.00	**2200000.00**
Contingency	15600.00	10000.00	10000.00	**35600.00**
Total (Rs.)	**2458040.00**	**1763040.00**	**1774400.00**	**5995480.00**
4. Tezpur University				
Equipment	1403730.00			**1403730.00**
Manpower	803520.00	803520.00	907200.00	**2514240.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	100000.00	150000.00	74850.00	**324850.00**
Consumables	350000.00	350000.00	250000.00	**950000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**2757250.00**	**1403520.00**	**1332050.00**	**5492820.00**
5. CITRUS RESEARCH STATION, TINSUKIA, ASSAM				
Equipment	1249500.00			**1249500.00**
Manpower	803520.00	803520.00	907200.00	**2514240.00**
Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	150000.00	100000.00	**300000.00**
Consumables	350000.00	350000.00	250000.00	**950000.00**
Contingency	50000.00	50000.00	50000.00	**150000.00**
Total (Rs.)	**2553020.00**	**1403520.00**	**1357200.00**	**5313740.00**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
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विज्ञान और प्रोद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 88	**Department of Biotechnology**
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 88	**Department of Biotechnology**
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.
h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

4.1 The other terms and conditions governing this sanction are attached at Annexure-IV.

4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. If the institute fails to give the interest earned details, Overhead grant may be withheld in subsequent releases. **As per provision contained in the Rule 230 (8) of GFR 2017, all interest/other earning occurred against grant-in-aid shall be mandatorily remitted to the Consolidated Fund of India (CFI) through the online portal www.bharatkosh.gov.in only.**

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The DIRECTOR, CITRUS RESEARCH STATION, TINSUKIA, ASSAM, Tinsukia, Assam and The Director, Indian Institute of Horticultural Research, Bangalore, Karnataka and The Dr.A Bhattacharyya, Assam Agricultural University, Jorhat, Assam and The Ram vishwakarma, CSIR Indian Institute of Integrative Medicine canal road Jammu, Jammu, Jammu And Kashmir (UT) and The Registrar, Tezpur University, Tezpur, Assam would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated on 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clarence, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.),

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रोद्यो. मंत्रालय / M/o Science & Tech.
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Project Investigator(s) and Host Institution(s) shall compulsory comply the same before undertaking such activities.

11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.**102/IFD/SAN/3282/2020-2021** dated **March, 31 2021.**

12. This sanction order has been noted at serial no. 274-275 in the Register of Grants.

(Dr. Vaishali Panjabi)
Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To,
The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110 003.

Copy to:

1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
2 Dr P D Kamala Jayanthi(Project Co-ordinator), Division of Crop Protection, IIHR, Hesseraghatta Lake PO, Bangalore 560089
3 The DIRECTOR, CITRUS RESEARCH STATION, TINSUKIA, ASSAM, Junior Entomologist, Department of Entomology, Citrus Research Station, Assam Agricultural University Gelapukhuri Road, District Tinsukia,, Tinsukia -, Tinsukia - 786125, Assam
4 The Director, Indian Institute of Horticultural Research, Hessaraghatta lake post, Bangalore - 560089, Karnataka
5 The Dr.A Bhattacharyya, Assam Agricultural University, Borbheta, Jorhat - 785013, Assam
6 The Ram vishwakarma, CSIR Indian Institute of Integrative Medicine canal road Jammu, canal road, Jammu - 180001, Jammu And Kashmir (UT)
7 The Registrar, Tezpur University, Tezpur University
Napaam, Tezpur
Sonitpur, Tezpur - 784028, Assam
8 Dr. Badal Bhattacharyya, Principal Scientist, Entomology, Assam Agricultural University, Principal Scientist, All India Network Project on Soil Arthropod Pests, Assam Agricultural University, Jorhat, Jorhat - 785013, Assam
9 Dr. D Srinivasa Reddy, Director, Natural Product Chemistry Division, CSIR Indian Institute of Integrative Medicine canal road Jammu, Director, CSIR - Indian Institute of Integrative Medicine, No. 3, Post Bag, Canal Rd, Jammu, Jammu and Kashmir 180001, Jammu - 180001, Jammu And Kashmir (UT)
10 Dr. Debaraj Mukherjee, Principal Scientist, Natural Product Chemistry Division, CSIR - Indian Institute of Integrative Medicine,Canal Road, Jammu – 180001, Natural Product Chemistry Division, CSIR - Indian Institute of Integrative Medicine, No. 3, Post Bag, Canal Rd, Jammu, Jammu and Kashmir 180001, Jammu - 180001, Jammu And Kashmir (UT)

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11 Dr. Inee Gogoi, Assistant Professor, Department of Agricultural Entomology, Assam Agricultural University, Assistant Professor, Department of Agricultural Biotechnology, Assam Agricultural University, Jorhat, Jorhat - 785013, Assam
12 Dr. KAMALA JAYANTHI P D, PI, CROP PROTECTION, IIHR, Bangalore, Indian Institute of Horticultural Research, Dr P D Kamala Jayanthi, National Fellow, Department of Entomology and Nematology, Indian Institute of Horticultural Research, Hesseraghatta Lake PO, Bangalore 560089, Bangalore - 560089, Karnataka
13 Dr. Kritideepan Sarmah, Junior Scientist, Biochemistry and Agricultural Chemistry, Assam Agricultural University, Junior Scientist, All India Network Project on Soil Arthropod Pests, Assam Agricultural University, Jorhat, Jorhat - 785013, Assam
14 Dr. Raaj Kumar Kakoti, Principal Scientist, Plant Pathology, CITRUS RESEARCH STATION, TINSUKIA, ASSAM, Citrus Research Station, Gelapukhuri Road, Tinsukia 786125, Tinsukia - 786125, Assam
15 Dr. Robin Chandra Boro, Assistant Professor, Department of Agricultural Biotechnology, Assam Agricultural University, Assistant Professor, Department of Agricultural Biotechnology, Assam Agricultural University, Jorhat - 785013, Assam
16 Dr. Santa Kalita, Assistant Professor, Environmental Science, Tezpur University, Assistant Professor, Department of Environmental Science, Tezpur University , assam, Tezpur - 784028, Assam
17 Dr. Sikha Deka, Junior Entomologist, Department of Entomology, CITRUS RESEARCH STATION, TINSUKIA, ASSAM, Department of Entomology, Citrus Research Station, Assam Agricultural University Gelapukhuri Road, District Tinsukia,, Tinsukia - 786125, Assam., Tinsukia - 786125, Assam
18 Dr. Sudhansu Bhagawati, Junior Scientist, Entomology, Assam Agricultural University, Junior Scientist, All India Network Project on Soil Arthropod Pests, Assam Agricultural University, Jorhat, Jorhat - 785013, Assam
19 Dr. Sumit G. Gandhi, Principal Scientist, Plant Biotechnology Division and Systems Biology D, CSIR Indian Institute of Integrative Medicine canal road Jammu, CSIR - Indian Institute of Integrative Medicine,Canal Road, Jammu – 180001, Jammu - 180001, Jammu And Kashmir (UT)
20 Dr. Suvendra Kumar Ray, Professor, Department of Molecular Biology and Biotechnology, Tezpur University, Professor, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam-784 028, Tezpur - 784028, Assam
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Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled **"Exploiting chemical ecology for IPM: Deciphering the phyto-semiochemicals involved in Insect-Plant interactions of major crop pests of North East Region-India":**

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Assam Agricultural University			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	GC-EAD	1	6500000.00
2.	GCMS	1	5500000.00
3.	Y-Olfactometer/ 4 arm olfactometer with air pumps	2	500000.00
4.	Wind Tunnel	1	625000.00
5.	Volatile collection systems (4 units) with additional air pumps	2	500000.00
6.	Bioassay Cabinets with air pumps	2	550000.00
		Total	**14175000.00**

Indian Institute of Horticultural Research			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	Mobile Air entrainments systems with suitable pumps– 5 units	3	600000.00
2.	Bio-assay chambers – 2 units with air pumps	2	250000.00
3.	Gel Doc system with accessories	1	400000.00
4.	Nanodrop -	1	100000.00
5.	Upgradation of Electrophoresis units -2 units	1	200000.00
6.	Upgradation of Autoclave	1	100000.00
7.	Shaker incubator	1	200000.00
8.	Four arm olfactometers with computer support	1	500000.00
9.	Upgradation of existing lenses and software for fluorescence microscope along with accessories	1	136196.00
10.	Realtime PCR machine	1	1571732.00
11.	Micro balance	1	99250.00
		Total	**4157178.00**

CSIR Indian Institute of Integrative Medicine canal road Jammu			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	Incubator Shaker, Minor Equipment (pH meter, Balance, Printer, Stirrer, Vacuum Pump, etc.)	1	799400.00
		Total	**799400.00**

Tezpur University			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	Growth Chamber	1	1403730.00
		Total	**1403730.00**

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CITRUS RESEARCH STATION, TINSUKIA, ASSAM			
SNo.	**Name of Equipment**	**No.**	**Cost(Rs.)**
1.	Volatile collection systems (2 units) with additional air pumps	2	400000.00
2.	Bioassay Cabinets with air pumps	1	250000.00
3.	4 arm olfactometers / Y – tube olfactometers with air pumps	1	150000.00
4.	Rearing cages	100	199500.00
5.	Deep Freezer (-20oC)	2	250000.00
		Total	**1249500.00**

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Annexure -II

Details of the manpower sanctioned for the implementation of the project entitled **"Exploiting chemical ecology for IPM: Deciphering the phyto-semiochemicals involved in Insect-Plant interactions of major crop pests of North East Region-India":**

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
1. Assam Agricultural University					
Junior Research Fellow	2	803520	803520	0	**1607040**
Senior Research Officer Qualification:	2	0	0	907200	**907200**
Workers Semi Skilled	1	126828	126828	126828	**380484**
Total(Rs.)		**930348**	**930348**	**1034028**	**2894724**
2. CITRUS RESEARCH STATION, TINSUKIA, ASSAM					
Junior Research Fellow Qualification:	2	803520	803520	0	**1607040**
Senior Research Fellow	2	0	0	907200	**907200**
Total(Rs.)		**803520**	**803520**	**907200**	**2514240**
3. CSIR Indian Institute of Integrative Medicine canal road Jammu					
Project Associate	2	0	0	974400	**974400**
Project Associate	2	863040	863040	0	**1726080**
Total(Rs.)		**863040**	**863040**	**974400**	**2700480**
4. Indian Institute of Horticultural Research					
Research Associate	1	699360	699360	699360	**2098080**
Senior Research Fellow	2	1041600	1041600	1041600	**3124800**
Workers	1	129120	129120	144720	**402960**
Total(Rs.)		**1870080**	**1870080**	**1885680**	**5625840**
5. Tezpur University					
Junior Research Fellow	1	0	0	453600	**453600**
Junior Research	1	401760	401760	0	**803520**
Project Associate	1	401760	401760	453600	**1257120**
Total(Rs.)		**803520**	**803520**	**907200**	**2514240**

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST

OM No. SR/S9/Z-05/2019 dated 10.07.2020.

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