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)

Scanned by TapScanner

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 mapb
(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... 4.20P.M
Received by

Dated: 9th March, 2016

11.9 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.

Dr. Das
For n/a please. D
Mallick
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.
APRISCT)

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

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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
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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 of 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 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 (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

pees 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 GC website **www.ugc.ac.in.**

versity/Institute/Department is requested to take immediate steps to submit the following rmation/documents for necessary action:

Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/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 electronically.

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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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ज्ञान-विज्ञान विमुक्तये
डॉ निसार अहमद मीर
संयुक्त सचिव

Dr. Nisar Ahmad Mir
Joint Secretary

सत्यमेव जयते

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

SPEED POST

F. No. 2-1/2016 (NS/PE)

November, 2016

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. 871
Date
Received by 16/5/16

20

EPABX Ph. 26588980, 26588700, 26589330, 26589745, 26589418
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-A
① R.O.
② Bill

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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(19)

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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सत्यमेव जयते

Scienctech
Telegram : 26962819, 26567373,
दूरभाष Tel : 26562134, 26562122 (EPBAX)
: 26569908, 26864570,
फैक्स Fax : 26863847, 26862418
वेबसाईट website : www dst gov in

1 Dem IRD / for n/a A.
2 P.O.
3 9/8/16

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

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 R. 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
18/09/2018

(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.
24/10/18

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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...5/7/16.....

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
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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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59

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.

'/serbonline.in/SERB/GenerateSanctionInRelease?ProId=192014000014&rid=0

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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: 21 .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.

Contd. pg 3/

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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

ज्ञान-विज्ञान विमुक्तये

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

(1) Dean, R&D
(2) F.O.

for M&P.

2/5/13

Office of the Registrar
Receipt No. 4210
Date 2/5/2013
Received by

No. SB/FTP/ETA-268/2012
Science and Engineering Research Board
(SERB)

Technology Bhavan
New Mehrauli Road
New Delhi – 110016
03.09.2013

ORDER

Subject: Financial assistance for research project under **Start-Up Research Grant (Young Scientists)** entitled ***"To study the impact and compensation of process-induced variations in junctionless transistors for improved reliablity"*** by **Mr. Ratul Kumar Baruah**, Assistant Professor, Department of Electronics & Communication Engineering, Tezpur University, Napaam, **Tezpur-784028, Assam** –Release of **1st installment.**

Sanction of the SERB is hereby accorded to the above mentioned project at a total cost of **Rs. 13,62,000/- (Rupees thirteen lakhs sixty two thousand only) with the break-up of Rs. 9,85,000/- under Capital head and Rs. 3,77,000/- under General head** for a duration of **3 years**. The items of expenditure for which the total allocation of **Rs. 13,62,000/-** has been approved for **3 years** are given as below :-

(Amount in Rs)

Sl No	Head	Total
A	**Non-recurring (Capital Items)**	
I	**Pmt Equipment**: Silvaco TCAD Simulator s.w, PC server-one, Printer, Scanner.	9,85,000/-
A'	**Total (Capital)**	**9,85,000/-**
B	**Recurring (General Items)**	
I	Consumables	**30,000/-**
II	Contingency	**60,000/-**
III	Travel (attending GMW meetings)	**60,000/-**
IV	Over Heads	**2,27,000/-**
B'	**Total (General)**	**3,77,000/-**
C	**Grand Total (A'+B')**	**13,62,000/-**

2. 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.

3. Sanction of the SERB is also accorded to the payment of **Rs. 11,11,000/- (Rupees eleven lakhs eleven thousand only) with the break-up of Rs. 9,85,000/- (Rupees nine lakhs eighty five thousand only)** under head **'Grants for creation of capital assets' (46.01.35)** and **Rs. 1,26,000/- (Rupees one lakh twenty six thousand only)** under head **'Grants-in-aid General (46.01.31)'** to **the Registrar, Tezpur University, Tezpur-784028, Assam** being the **first installment** of grant for the year 2013-14 for implementation of the above said project.

4. Sanction of the grant is subject to the conditions as detailed in Annexure-I.

5. The amount of **Rs. 11,11,000/- (Rupees eleven lakhs eleven thousand only)** will be drawn by the Drawing and Disbursing Officer, SERB and will be disbursed to the **Registrar, Tezpur University, Tezpur-784028, Assam by means of an A/C payee cheque.**

6. The Institute will furnish to the SERB Utilization Certificate (U/C) and audited Statement of Expenditure pertaining to the grant immediately after the end of each financial year.

7. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.

8. 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.

Pl. file
2/9/2013

.....2/-

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9. The institute will maintain separate audited accounts for the project. If it is found expendient to keep a part or whole of the grant in a bank account earning interest, the interest earned should be reported to the SERB. The interest thus earned will be treated as a credit to the Institute to be adjusted towards further installment of the grant.

10. The Sanction has been issued with the approval of the competent authority under delegated powers and vide sanction number **SERB/F/ 3427 /2013-2014 dated 03/09/2013.**

(S. SUDERSHAN RAO)
SCIENTIST-E

To

The Pay & Accounts Officer, Science & Engineering Research Board, (SERB), New Delhi-110016

Copy forwarded for information and necessary action to:-

1. **Drawing and Disbursing Officer**, Science & Engineering Research Board, (SERB), New Delhi-110016 (2 Copies)
2. **SERB Secretariat.**
3. **File Copy**
4. **The Principal Director of Audit**, A.G.C.R. Building, IIIrd Floor, I.P. Estate, **New Delhi-110002**
5. The Registrar,
   Tezpur University, Napaam,
   Tezpur - 784028 (Assam)
6. Mr. Ratul Kumar Baruah, Assistant Professor,
   Department of Electronics & Communication Engineering
   Tezpur University, Napaam,
   Tezpur - 784028 (Assam)

(S. SUDERSHAN RAO)
SCIENTIST-E

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Annexure-IX

PROJECT COMPLETION REPORT

Notes:
1. The PCR should be in bound form.
2. Cover page should include the title of the project, file number, names and addresses of the investigation.

1. Title of the project: **To study the impact and compensation of process-induced variations in junctionless transistor for improved reliability**

2. Principal Investigator: Dr. Ratul Kumar Baruah

3. Implementing Institution(s) and other collaborating Institution(s): Tezpur University

4. Date of commencement: 03/09/2013

5. Planned date of completion: 02/09/2016 (3 years)

6. Actual date of completion: 02/09/2016

7. Objectives as stated in the project proposal:

   (a) To study the impact and compensation of process-induced variations in junctionless transistors for improved reliability.
   (b) Circuit Design using Junctionless transistor

8. Deviation made from original objectives if any, while implementing the project and reasons thereof:

   The first part of the objective was completed. In second part, small circuits like current course amplifiers were designed and simulated.

9. Experimental work giving full details of experimental set up, methods adopted, data collected supported by necessary table, charts, diagrams & photographs:

   There was no experimental work involved in the project

10. Detailed analysis of results indicating contributions made towards increasing the state of knowledge in the subject:

    A separate document on "Project Report" of detailed analysis of results indicating contributions is attached at the end.

11. Conclusions summarizing the achievements and indication of scope for future work:

11.1 Conclusion

Low power and high performance devices are in demand for today's microelectronics market. Recently, junctionless transistor has proven itself as a very promising device in this arena. The first

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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

Serial No... 404 ... ...
Date of Receipt. 20/2/18 ... ...
File No... R/D ... ...
Received by ... ...

Memo No. DoRD/ECE/RKB/20-175/ 101-A

Dated: 30.01.2018

To,

Dr. Ratul Kumar Baruah
Department of Electronics and Communication Engineering
PI of the Project entitled "**To study the impact and compensation of process-induced variations in junctionless transistors for improved reliability**"
Registration No: **DoRD/ECE/RKB/20-175**

Sub: Submission of (Annual Progress Report / Project Completion Report /Final UC/SE) regarding.

Dear Sir,

As per our office record the above project was completed **on 02/09/2016**. However we are yet to receive the Annual Progress Report / Project Completion Report /Final UC/SE. You are requested to submit the **hard copies** of the document(s) on or before 15 days of the issue of this letter. If you have received an extension from the funding agency, kindly submit the same for our record.

Your earliest action on this matter is highly appreciated.

Thanking You,

30.1.2018
(A. K. Mukherjee)
Dean, Research & Development

Sir,
Project completion report & Final UC are submitted herewith.
20/2/18

Dean, R and D.

As requested from our end, Dr. R. K. Baruah, ECE has submitted copy of Project Completion Report and Final UC/SOE.
Submitted for kind perusal.

S. Mahanty.
22/02/2018

SM PI.
20/2/18
(1/1)

Noted
23/2/2018

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cience and Engineering Research Board
tatutory Body Established Through an Act of Parliament : SERB Act 2008)
overnment 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

ubject: 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.

anction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above entioned project at a total cost of **Rs. 2342560/- (Rs.** Twenty Three Lakh Forty Two Thousand ive Hundred and Sixty **Only)** with break-up of **Rs. *500000*/- under Capital (Non-recurring) ead** and **Rs.*1842560*/- under General (Recurring) head** for a duration of Three years. The ems of expenditure for which the total allocation of **Rs. 2342560/-** has been approved are given elow:

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

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:

I 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 — Ministry of Communications & Information Technology — Govt. of India — Dept. of Electronics & Information Technology

George Arakal
Director (Admin. & Finance)

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

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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 - IIT

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 - INDIA

c.2 **TUA, Assam: PIN-IT** (Rs. in Lakhs)

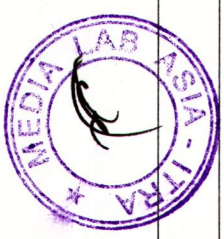
Budget Head		1st year	2nd year	Total
Capital Equipment and works		5.50	0.00	5.50
Consumable Stores	LFC	0.25	0.50	0.75
	S&C	0.25	0.50	0.75
Manpower	RP	6.60	6.60	13.20
	OPSL	0.00	0.00	0.00
	PIP	0.00	0.00	0.00
Training & Development	RMC	0.00	0.00	0.00
Workshop/Conference /Seminar	SSD	0.00	0.50	0.50
	OA	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



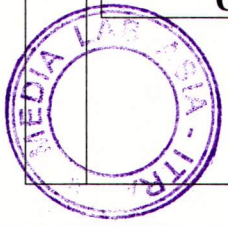
Technology and Entrepreneurship Development	TED	0.00	0.00	0.00
Travel	Domestic	2.50	2.50	5.00
	International	0.00	3.00	3.00
Miscellaneous & Contingency	Misc	0.20	0.20	0.40
Overhead	Overhead	2.32	2.32	4.64
GRAND TOTAL		**48.67**	**26.87**	**75.54**

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**



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

MEDIA LAB ASIA - ITRA

11) Notes:

General to all teams:

(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
Govt. of India
Ministry of Communications & Information Technology
Dept. of Electronics & Information technology

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
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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.

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.

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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.

(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)

(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
Inward No. 5725
Date 16/1/17
REGISTRAR

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-EI 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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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

24

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**	

Cont'd

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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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22

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 विज्ञान अनुसंधान परिषद्

(मानव संसाधन 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

132

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 RSD
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)

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Registrar
6/2/17

UGC-DAE Consortium For Scientific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभागीय वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, Govt. of India, New Delhi)

(विश्वविद्यालय अनुदान आयोग - नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities : IUC-DAEF)

Received by
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

Dean, R&D
FO.
for info.

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**	

(*) Only Project Fellow can be appointed and accordingly funds under scholarship will be transferred after appointment of student as per the Guidelines of UGC DAE CSR.

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. 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 issuing registration no.

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.

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)

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 proje

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 n19
06/3/2017

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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.

DCB

(D C Baruah)

Department of Energy

Forwarded

28/04/2017
HOD, Energy

DR
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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: 011-6868662

GRAM : SCIENTIFIC

INDIAN COUNCIL OF MEDICAL RESEARCH
ANSARI NAGAR, POST BOX NO. 4911
NEW DELHI – 110029

Office of the Registrar
Receipt No .....6602.....
Date .....22/2/17.....
Received by .....

Serial No... .... 272 ....
Date of Receipt..23.02.2017
File No... ....
Received by .. . .

File No. 5/3/8/259/2015-ITR
Dated:02.02.2017

egistrar
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m,
r – 784 028(Assam).

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.
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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2.3 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/IFD/SAN/2122/2016-2017 Dated: 22/08/2016.**

2.10.1 This sanction order has been noted at **Serial No.**598-599 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. 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

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4-615

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, 011-26588500, 011-26589248

भारतीय आयुर्विज्ञान अनुसंधान परिषद्
INDIAN COUNCIL OF MEDICAL RESEARCH
वी.रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बाक्स [redacted] दिल्ली -110 029
V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, P.B. [redacted] P.O. NEW DELHI - 110 0

No 5/13/12/2015/NCD-III

Dated: 2/2/2017

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.

Madam,

In partial modification of this office letter of even number dated 5/12/16 the Director-General of the Cour tions the above mented research scheme initially for a period of **one year** from **15. 2.17 to 14. 2.2018** ct 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 nty Five lakh Fourty Five thousand Nine hundred and Fourty Six.** only) as detailed in the attached statement eriod 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 will be paid generally as soon as a report regarding the commencement of the project and appointment of the s received by the Council. The demand for payment of the subsequent installment of the grant should be placed he 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 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 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-General

to: 1. Dr. Shashi Baruah, Professor, Deptt. of Molecular Biology and Biotechnology, Tezpur University am, Tezpur-784028.
ount Section-V
ance Section vide RFC No. NCD/NER/2/2016-17 dated 28.9.2016.
IS Code Number (2014-2705).
AO.
Geeta Menon, Scientist 'D'.

For Director General

File Received 23/2/2017

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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: 24/2/2020

To,

Dr. Shashi Baruah,
Professor Deptt. Of Molecular Biology
and Bioteechnology, Tezpur University,
Napaam Tezpur -784028

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 11/3/2020
RECEIPT NO.
SIGNATURE 4251

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,

Reference your email dated 05.02.2020 on the above mentioned subject.

Under the circumstances explained by you, the Competent Authority, ICMR has approved the extension for a further period of six months from 15.02.2020 to 14.08.2020 without budget and to utilize the remaining funds.

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. AO (NCD)
4. Mr. Hemant , Sr. TO,ICMR (2014-2705)

For Director- General

HD
09/3/2020

मलिंगस्वामी भवन, ... Tel: +91-11-26588895 / 26588980 / 26589794

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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.

Dated : 14/10/2019

Sub: Payment of full & final installment of 2nd year of grant-in-aid for Ad-hoc Project "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

9

MEMODRANDUM

The Competent Authority , ICMR also sanctions the payment of **Rs. 10,13,060/- (Rupees ten lakh thirteen thousand sixty only)** as the full installment of 3rd year of the grant for incurring expenditure in connection with above mentioned research scheme may be debited in the provision of **Rs.** 10,13,060/- made for the above mentioned research for the current financial year2019-20.

The **unspent balance of Rs.4,86,047/-** is already available with the PI out of grant released during 2018-19. A formal bill for **Rs.** 10,13,060/- is sent herewith by **(i) an adjustment of** Rs.4,86,047/- and for payment (ii) by **RTGS** for **Rs. 5,27,013/- to TEZPUR UNIVERSITY R&D.**

(Iswar Likhar)
Admin. Officer
For Director- General

Accounts V RFC No. NCD/NER/2/2016-17 dated 28.09.2016 **(Alongwith UC/Mandate From/Cancelled Cheque are enclosed)**

Copy to:-

1. The Dean, Research & Development, Tezpuir university , Tezpur-784028
2. Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Bioteechnology Tezpur University, Napaam Tezpur -784028
3. AO, NCD
4. Mr. Hemant Kumar, **(IRIS Cell Number (2014-2705)**

For Director- General

रामलिंगस्वामी भवन, पोस्ट बॉक्स नं. 4911,
ारी नगर, नई दिल्ली - 110 029, भारत
lamalingaswami Bhawan, P.O. Box No. 4911,
ari 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 (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

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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.

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.

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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 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.

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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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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 ७०००१०६
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

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 / २३३५-६६२०
दूरभाष (०३३) २३३५ ६६२३ / ६६४२ / ६६२९
Tele Fax (033) 2335-6629 / 2335-6620
Phone (033) 2335-6623 / 6642 / 6629

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. 1,000/- (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 [illegible] 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 or to book tickets from 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. Toll tax and octroi duty slips will have to be attached along with the bills. Parking and Night 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 entitlement as 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. In case of the review of the final work/manuscript submitted by you for the project is found un-publishable, you will have to refund 80 % 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 following details [illegible] attached 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
Deptt: 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

SRISTI

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)

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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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(5)

सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	:	IN-DL54966988034001P
Certificate Issued Date	:	20-Nov-2017 11:58 AM
Account Reference	:	IMPACC (SH)/ dlshimp17/ SAKET/ DL-DLH
Unique Doc. Reference	:	SUBIN-DLDLSHIMP17114392879672 53P
Purchased by	:	DIRECTOR NATIONAL MISSION FOR MANUSCRIPT
Description of Document	:	Article 58 Memorandum of Settlement
Property Description	:	Not Applicable
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	DIRECTOR NATIONAL MISSION FOR MANUSCRIPT
Second Party	:	Not Applicable
Stamp Duty Paid By	:	DIRECTOR NATIONAL MISSION FOR MANUSCRIPT
Stamp Duty Amount(Rs.)	:	10 (Ten only)

Please write or type below this line

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/convcyance 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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xi) The Courts in Delhi / New Delhi shall have the jurisdiction in respect of all matters, disputes or differences arising out of this MOU.

xii) 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
... 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 : 9.5.2017

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.

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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 ithin 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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(8)

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

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

...endra Narayan
...Exec. Director
...y 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, mentioning 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	Total (in Rs.)
A	**Non-recurring**	
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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Re: Regarding Adjustment of Funds under TRAVELLING HEAD (ISRO/RES/4/642/17-18 dt. 07.06.2017)

"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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अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

(6

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

बाक्स: 10502 अरूणा आसफ अली मार्ग,
Box No. 10502, Aruna Asaf Ali Marg.
दिल्ली - 110 067 (भारत)
Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-2689395
011-2689260
तार :/Telegram : NURCEI
फैक्स :/Fax : 011-2689366
वेबसाईट :/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					
I	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.52-7/RIFD/UBA/POLICY-1/2016-17

2366 Dr. Utpal Das → to do the Civil Engg.

Dated : 22.09.201

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)**

i. 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

ii. 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.

iii. 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.

iv. **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.**

v. The Institute / College / University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.

vi. The University / College / Institute shall utilize grant only on approved items of expenditure and shall maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Govt of India.

vii. 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/-

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substantially out of the grant and a register of assets shall be maintained by the Institute in the prescribed form i.e. General Financial Rules (GFR)-19.

9. The Annual Progress Report, Feedback Form, Utilization Certificate, Audited Utilization Certificate General Financial Rules (GFR-19) and Receipt & Payment account ***(formats are enclosed)*** to 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 within one month of completion of financial year. It should contain the head-wise break-up of expenditure made from the grant-in-aid provided by the Council along with photocopies of Bills/Cash memos on account of items purchased under non-recurring head duly attested by Head of Office.

10. The Annual progress Report in the prescribed format indicating the progress and the status of the grant-in-aid utilized in the previous financial year shall be submitted to AICTE not later than one month of the following financial year.

11. The University / Institute shall follow the terms and conditions as laid down by the Council from time to time.

12. 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 refund the interest amount to AICTE.

13. The University / College / Institute shall fully implement the official language policy of Union Government in compliance with the official language act 1963 and official languages Rules 1976.

14. The Grantee Institution 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 and Scheduled Tribes. The grantee institution shall utilize the fund as per the guidelines of the scheme.

15. The accounts of the University / Institution will be open for test check by the Council or Comptroller and Auditor General of India or by any officer designated by them.

16. 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 the Principles of the Scheme.

17. The funds to the extent are available under the Scheme.

Yours sincerely,

(Dileep N. Malkhede)
Adviser (RIFD)

Encl : As above

Copy forwarded for information and necessary action to :-

1. The Principal
   Tezpur University, Napaam,
   District-Sonitpur, Tezpur,
   Assam-784028

2. Dr. UTPAL DAS (Coordinator)
   Tezpur University, Napaam,
   District-Sonitpur, Tezpur,
   Assam-784028

3. Office of Director General of
   Audit (Central Revenues)
   AGCR Building, I.P. Estate
   New Delhi-110002

4 Guard File

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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 6/10/2017

(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 6/10/2017

(Ujjwala T. Tirkey)
Scientist 'F'

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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
Date of Receipt 07.11.2017

Office of the ... Receipt No. ... Date ... 06 NOV 2017 Received ...

SR/NM/NT/1032/2016 (G)

Government of India
Ministry of Science & Technology
Department of Science & Technology
(Nano Mission)

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 ...

SO Dhruvjeet

Request the PI to submit the documents for registration of project. Done/ Dhruvjeet

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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.

(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.

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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

Serial No. 16
Dated Receipt 1
Office of the Registrar
Receipt No 4323
Date 2017
Received by

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 sho 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 scribed 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

ORV / ORAM : 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[redacted]L RESEARCH

EXTRAMURAL RESEARC[redacted]

CSIR COMPLEX, PUSA, NEW DEL[redacted]

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.वी.एक्स./PABX : 26588980, 26588707, 26589336, 26589745,
26589873, 26589414
फैक्स/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: ...rhqds@ssanad.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

No.5/7/1346/2015-CH

Dated: 22/11/2017

Registrar,
Tezpur University
Napaam, Tezpur,
Assam-784028

(1) Dean R&D / for MAP
(2) F.O.
3
B 7/12/17

Office of the Registrar
5242
08 DEC 2017

Subject:- **Sanction of budget allotment for the New Research proposal entitled** "An Assessment of conflict as a social determinant of health in the North East region of India" Under Ms. Veda Yumnam, Tezpur, University, Assam.

Sir/Madam,

The Director General of the council sanctions the above mentioned project with total budget allotment of Rs. **17,00,660/-** for a duration of 2years (details in Annexure-1). Details of the first year budget of **Rs. 12,17,785/-** w.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.)
Ahmed 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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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.

09 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:

Serial No. 030

Date of Receipt 04.01.2

File No. Dean R. SP.

Received by

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

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 first project formal, 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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28

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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28

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/-

Cont next page/-

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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
GUWAHATI – 781005
ssam, India
Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : www.astec.gov.in

Received by ... Dated 31/01/2018

ASTEC/S&T/1614/5/2/2017-18/853-860 Dated 19.02.18

(1) Dean (R&D)
(2) F.O
fw me pl.
24/2/18

am : 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)**

SO - HD
for w/a
05/04/18

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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).

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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 Chau

(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**

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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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

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Rec'd on 27-04-18
Dean, R/D

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. Arlen

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. Asla

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.

Mold. Ash

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. Arif

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 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 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 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.

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

Serial No. 3056
Date of R... 17/9/2018
File No. Dean R&D

Office of the Registrar
Receipt No. 3883
Date 19/9/18
Received by

Technology Bhawan,
New Mehrauli Road,
New Delhi -110016.

29th August, 2018

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!!
Pratitha Pandy

Contd..2/..

Please enclose the documents – (1) project proposal (2) 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 T. 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

E: 991
14/5/2018
Dean (R&D)
Received by

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

the 1090
14/5/18

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
to 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.

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.**

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.

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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 o 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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ज्ञान-विज्ञान विमुक्तये

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
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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.**

...3...

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

1. Dean, R&D
2. HoD

(3)

Office of the Registrar
Receipt No. 1137
Date 11/5/2018

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

24 APR 2018

No. F.5-10/DRS-II/2018(SAP-III) April, 2018

Serial No... 1000
Date of Receipt 16/5/2018
File No...
Received by

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,

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.

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.**

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.**

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.

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.**

Prof. D. B. Nath, Dept. of Cultural Studies

...1...

Congratulations!!

Please submit the copy of the proposal for registration.

15/5/2017
Dean, R&D

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6. On the basis of the recommendations of the Review Committee, approval of th University Grants Commission to the continuation/Upgradation of the programm at the level of **DRS-II** for **5 years** with the following thrust area(s) for research an 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 Depu Co-ordinator of the Programme for the present phase of the Programme will be 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 programme or till his/her superannuation.

7. The financial assistance approved for implementing the present phase at the leve **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. (Actu**

	(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 sub to concurrence and availability of funds from Ministry of Human Resource Develop (MHRD).**

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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.

The University/ Department shall follow the SAP Guidelines posted on UGC website.

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:-

Copy of Notification/Advertisement of the vacancy
Copy of Minutes/Recommendation of the Selection Committee constituted for appointment of Project Fellow
Copy of University Order to the appointment of the Project Fellow
Copy of Joining Report of Project Fellow
Attested copy of P.G. Mark Sheet
Attested copy of Cast/Disability Certificate in case the candidate belongs to reserved category and obtained below 55% marks
Attested copy of Matriculation Certificate for age proof.
HRA certificate duly signed by the Registrar.
Bio-data in respect of Project fellow.
Month-wise salary expenditure statement in respect of each Project Fellow.
Age of project fellow should be below 40 years.

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.

) **Prof. Shruti Bandopadhyay, Department of Dance, Visva Bharati Santiniketan - 731 235 (Sangeet Bhavan), West Bengal.**
) **Prof. Anupam Mahajan, Department of Music, University of Delhi, New Delhi- 110 007.**

he active participation of the UGC nominees in each meeting of the Advisory ittee is essential. The composition and terms & reference of the Advisory ittee will be as given in the UGC website **www.ugc.ac.in.**

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(1)

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.

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 curbing the menace of Ragging in Higher Educational Institutions, 2009".

Yours sincerely,

23 Apr, 18

(Mamta R. Agarwal)
Joint Secretary

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

y forwarded for information and necessary action to:-

f. Debarshi Parsad Nath,
gramme Coordinator (DRS-II),
artment of Cultural Studies,
pur University,
aam, Sonitpur, Assam - 784 028.

y for information to:

The Secretary to the State Government of Assam, Department of Education, Dispur.

The P.S. to Vice Chancellor, Tezpur University, Napaam, Sonitpur, Assam- 784 028.

The HoD, Department of Cultural Studies, Tezpur University, Napaam, Sonitpur, Assam - 784 028.

Prof. Shruti Bandopadhyay, Department of Dance, Visva Bharati Santiniketan - 731 235 (Sangeet Bhavan), West Bengal.

Prof. Anupam Mahajan, Department of Music, University of Delhi, New Delhi- 110 007.

Guard File.

F.No.5-42/2011 (SAP-III)

(Nirmal Kaur)
Under Secretary

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Annexure - D

ज्ञान-विज्ञान विमुक्तये

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

No. F.510/9/DRS-II/2018(SAP-I)

April, 2018

The Registrar,
Tezpur University,
Tezpur - 784 028

11 APR 2018

Sub.: 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.**

Sir,

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 **Mathematics** was at **DRS-I** of the SAP programmeat **Phase-I** 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 **20th October, 2016 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 Mathematics** from **DRS-I to DRS-II** programme for a period of **Five years from 01-04-2018 to 31-03-2023. Period from 1-4-2016 to 31-03-2018 may be treated as gap year.**

6. On the basis of the recommendations of the Review Committee, approval of the University Grants Commission is conveyed for continuation/Up-gradation of the programme at the level of **DRS-II** for **5 years** with following thrust area(s) for research and teaching.

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Thrust Areas Identified

- **Number Theory**
- **Computational Fluid Dynamics**

As recommended by the Review Committee, name of the Co-ordinator& the deputy 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** 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 (01-04-2018 to 31-03-2023)** is given below : -

S. No.	**Non-Recurring (Items) (Rs. In Lakh)**	**Rs. (In Lakh)**
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/Consumabies/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	15.00
8.	**Project Fellows (One)**	**Actuals**
	Total(R + PF)	**43.75 +One P.F.**
	Grand total (NR + R + PF)	**79.75 + One 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 continue subject to concurrence and availability of funds from Ministry of Human Recourse Development (MHRD).**

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8. The University is to maintain a separate **flexi saving bank account** for the grants released under Special Assistance Programme. Interests earned against Grants-in-aid (Other than reimbursement) released to any grantee institutions should be mandatorily remitted to UGC account immediately after finalization of accounts. 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 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:-

a. Copy of Notification/Advertisement of the vacancy
b. Copy of Minutes/Recommendation of the Selection Committee constituted for appointment of Project Fellow
c. Copy of University Order to the appointment of the Project Fellow
d. Copy of Joining Report of Project Fellow
e. Attested copy of P.G. Mark Sheet
f. Attested copy of Cast/Disability Certificate in case the candidate belongs to reserved category and obtained below 55% marks
g. Attested copy of Matriculation Certificate for age proof.
h. HRA certificate duly singed by the Registrar.
i. Bio-data in respect of Project fellow.
j. Month-wise salary expenditure statement in respect of each Project Fellow.
k. **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's 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 shall contact the UGC nominees for their acceptance and intimate the Commission.

1) **Prof. Peeyush Chandra, Department of Mathematics, I.I.T., Kanpur – 208 016.**

2) **Prof. S.D. Adhikari, Department of Mathematics, Harish-Chandra Research Institute, Chhatnag Road, Jhusi, Allahabad -211 019**

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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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 Co-ordinator and Dy. Co-ordinator indicating (I) present designation (ii) specialised areas(s) of research and (iii) date of superannuation. List of members of the Advisory Committee constituted by the university/ institute as per guidelines.
v) Year-wise academic programme and action proposed to be undertaken by thedepartment 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 should 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.

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. **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 faithfully,

(Mamta R. Agarwal)
Joint Secretary

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

Dr. Bhim Prasad Sarmah,
Co-ordinator (DRS-II),
Department of Mathematics,
Tezpur University,
Tezpur - 784 028.

Copy for information to: -

1. The P.S. to Vice Chancellor,
   Tezpur University, Tezpur - 784 028.

2. The Head, **Department of Mathematics,**
   Tezpur University, Tezpur - 784 028.

3. **Prof. Peeyush Chandra,**
   Department of Mathematics,
   I.I.T., Kanpur – 208 016.

4. **Prof. S.D. Adhikari, Department of Mathematics,**
   Harish-Chandra Research Institute,
   Chhatnag Road, Jhusi, Allahabad -211 019.

5. The Secretary, State Government of Assam,
   Department of Education, Dispur.

6. Guard File.

7. F.No.510/4/DRS/2011(SAP-I)

(Nirmal Kaur)
Under Secretary

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Office of the Registrar
Receipt No 933
Date ..... 07 MAY 2018
Received by .....

ज्ञान-विज्ञान विमुक्तये

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

o. F.510/9/DRS-II/2018(SAP-I) **April, 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.

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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!!!

Ref 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**
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	Total(R + PF)	**Actual + 43.75 + P.F.**
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of University Order to the appointment of the Project Fellow
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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.

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S.D. Adhikari, Department of Mathematics, Harish-Chandra Research Institute, rag Road, Jhusi, Allahabad -211 019

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(1)

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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)
Pur... 15/5/18 ... ...
... R&D ... ...
81 5/18 Tech... 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."

PI 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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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.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.

17 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, zpur, 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 o 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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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 empioyed 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 1.6.18
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

F.No. 10-4/2014/DAF

Date: 06.06.2018

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

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 lette No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998 and subsequent amendment made vide letter No.CC R& (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 Jul 2010, para 3.1, as amended from time to time, I hereby convey the sanction of the Board for the following project 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 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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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)**
T... 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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जव [redacted] की उद्योग अनुसंधान सहायता परिषद

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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(38)

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

(Rs. in Lakhs)

S.N.	Head	1st Yr.	2nd Yr.	3rd Yr.	Total
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.**

Accordingly,

(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)

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. R0/B:CH/005/2018-19 ...dated ..19/7/2019.....

6. **The Release order has been noted at Serial No. 16 in the Grants Register.**

Sanjay Saxena
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**

Sanjay Saxena
Dr. Sanjay Saxena
Head Investment, BIRAC

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(36)

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 Investigators:

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

Appl. No.: Agri/2017/29

No. BT/PR24757/NER/95/843/2017
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 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

Generated through ***eProMIS***

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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

ed through eProMIS

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(14)

NATIONAL AGRICULTURAL SCIENCE FUND
(Indian Council of Agricultural Research)
Room No. 707, KAB -I, Pusa, New Delhi – 110012

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

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The details of the project are given in the project document in **Annexure I**. The 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 carry out the work shown in the project as given in **Annexure I**. Each Cooperating Centre Investigator (CCPI) and the Cooperating Centre will have the responsibility for work the Centre under the project by the competent authority of NASF and the centre 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 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 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) Utilization Certificate (UC) in the prescribed format duly verified by the concerned Officer(s) twice every financial year: the first will be the UC for the immediate preceding year ending 31st March and will be submitted by the 15th of April and the second a six-monthly 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 project, the PI and the CCPI from each Cooperating Centre will exercise powers for the project to the extent of sanctioned funds of his/her respective component of the project as **Annexure VIII**.

iv. The Heads of the Lead Centre and the Cooperating Centre(s) will ensure that the project efficient manner, provide laboratory space, salary, logistic facilities and services required same and monitor its progress on a regular basis.

v. **The expenditure will be made only on the approved items.** The amount sanctioned under head/subhead is the maximum budgetary limit for that item but the actual expenditure exceed the amount actually released by the ADG under the head for the period concerned. of public organizations the expenditure under any head shall be made by the Lead or Co-operating centre in accordance with their own institutional prescribed rules/ norms. However, in the conducting workshops, meetings, and cost of Advisory Committee meetings norms as enclosed as **Annexure IX** should be followed. **Any re-appropriation from one head to is not permissible.** All institutions including those belonging to the ICAR will maintain a ledger for the project. In case of private and non-governmental organizations the expenditure be made in accordance with ICAR/NASF rules. In case any guidance is required in this matter Lead or Co-operating centre should take the guidance of the Finance and Accounts Officer nearest ICAR institutes with information to the ADG, NASF.

vi. There will be **no revalidation of unspent funds released for recurring expenditure** financial year to the next financial year. For funds released for non-recurring expenditure revalidation will be allowed in exceptional cases. Funds revalidated once will not be 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/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.

Monitoring:

xv. 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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(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

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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 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. 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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D/Dean, R&D / for no Pl. 6/9/18
D P.O.

Office of the R... Receipt No 3356
Rec 06/9
2994
07/9/2018
D. Technology Bhavan
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.

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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 organization 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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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/-** (Rupees Two Lakh Ten Thousand only) under 'Grants for creation of capital assets' and **Rs. 490000/-** (Rupees Four Lakh Ninety Thousand only) under 'Grants-in-aid General' to **Registrar, Tezpur University, Distt. Sonitpur P.O.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 Core Research Grant. (PAC Physical Sciences)**

The Sanction has been issued to Tezpur University, Distt. Sonitpur P.O.No.72 Napaam, Tezpur with the approval of the competent authority under delegated powers on **21 August, 2018** and vide Diary No. **SERB/F/6042/2018-2019** dated **28 August, 2018**

Sanction 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 benefits to the staff employed in the project.

While providing operational flexibility among various subheads under Grant Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each could 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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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 under 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-

https://pfms.nic.in/Sanction/PrintSanctionContent.aspx 3/5

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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.O. 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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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 Scientific & 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 incurred 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

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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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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

Vandali

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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) Dr. 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 50,000.00
7	Participation in Seminar(s)/Conferences(s)	75,000.00
8	Purchase of Books/Journals/Source Material	
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

Vandah

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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

Vandana

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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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Office of the Registrar

Receipt No 5455

Date

Received by 19/12/18

(2)

PABX : 26588980, 26588707, 26588745, 26588873, 26589414

FAX 011-26588662, 011-26589761

RTI / GRAM ... / SCIENTIFIC

Web site www.icmr.nic.in

E-mail icmrhq@ren.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. ① Dean RD ② Fin wing ③

Serial No... 3953

Date of Receipt... 24/12/18

File No... DeanRD

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.

Yours - Dr. Sumesh SS.

For DIR

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

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

58

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:

Generated through ePROMIS

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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

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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 : 011-23604416, 011-23604425

ज्ञान-विज्ञान विमुक्तये

FD Diary No.7565
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

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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.फ.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
27/11/19

(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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32

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:

31

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)** ...elease 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 Indian Heritage in Digital Space (IHDS) of ICPS Programme of DST consisting of 17 R&D projects at a total cost of **₹. 1275.551 Lakhs** (Rupees Twelve Crore Seventy Five Lakh Fifty Five Thousand One 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.
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Director, Central Electronics Engineering Research Institute, Pilani, Rajasthan 333031.
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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.
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Dr. Uma Mudenagudi, Professor, School of Electronics Engineering, KLE Technological University, BVB campus, Hubballi -580031, Karnataka.
Head, ICPS, DST.
Section folder.

(Dr. Rajeev Sharma)
Scientist E

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Enclosure No. 56

DST/ICPS/IHDS/2018 (General)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi- 110 016
Dated: 13.03.2019

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... Contd/-

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. Indian Institute of Technology (IIT)-Jodhpur (the grantee organization) will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division after closure of every financial year i.e. 31st of March every year, till completion of the project. 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. The sanction of the above amount is subject to terms and conditions as contained in the **Annexure-A**.

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/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 grants under the project shall be considered only on receipt of the said documents.

7. "The grantee organization (IIT-Jodhpur) 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 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. "Grantee Institute should also follow Rule 230 (17) of GFR, 2017 concerning 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. 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.

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.

... Contd/-

Sharma

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
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
69	:	Research & Development (S&T).
69.00.31	:	Grants-in-Aid General for the year 2018-19 (Plan)

(Previous:3425.60.200.63.01.31-Super Computing Facility & Capacity Building)**(ICPS)**

15. The amount of **Rs. 1,70,00,000/- (Rupees One Crore Seventy Lakh only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Director, Indian Institute of Technology (IIT)-Jodhpur, Rajasthan through RTGS in Account No: **50200007479915**, HDFC Bank Ltd, IFSC Code: **HDFC0000142**, MICR Code : **342240002.**

16. These Consortium Mode Proposal under the Indian Heritage in Digital Space (IHDS) of ICPS-DST, being a multi-institutional networked project, the start date of the project shall be six months from the of receipt of funds from DST i.e. after completion of the project staff recruitment, procurement of equipment etc. However, completion of the above activities or 6 months whichever is earlier shall be construed as the start date of the project.

17. As per Rule 234 of GFR 2017, this sanction has been entered at S.No.99 in the register of grants maintained in the Division.

18. This issues with the concurrence of IFD vide their concurrence diary No.C/5855/IFD/2018-2019 dated 12.03.2019.

19. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.

(Dr. Rajeev Sharma)
Scientist E

The Pay & Accounts Officer
Department of Science & Technology
New Delhi -110 016.

Copy for information and necessary action:

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, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. Prof. Santanu Chaudhury, Director, Indian Institute of Technology (IIT)-Jodhpur, NH 65, Surpura Bypass Rd, Karwar, Rajasthan.
6. Director, Indian Statistical Institute (ISI), Plot No. 203, Barrackpore Trunk Road, Baranagar, Kolkata, West Bengal 700108.

...Contd/-

7. Dr. Bhabatosh Chanda, Professor, Electronic & communication science unit, ISI, 203, B.T.Road, Kolkata, 700108.
8. The Registrar, Indian Institute of Technology-Delhi (IIT-D), Hauz Khas, New Delhi-110016.
9. Dr. Chetan Arora, Associate Professor, IIT Delhi, Hauz Khas, New Delhi-110016..
10. Registrar, Indian Institute of Technology (IIT)-Bombay, Powai, Mumbai-400 076, Maharashtra.
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36. Head, ICPS, DST.
37. Sanction folder.

(Dr. Rajeev Sharma)
Scientist E

5.	Overheads	2.00	2.00	1.00	5.00
	Grand Total	**16.6**	**14.6**	**14.39**	**45.59**

PROPOSAL -6

Project title : Historical water systems in the extended landscape of Malaprabha River Valley (PI: Dr. M.B.Rajani, Assistant Professor, Indian Institute of Science Campus, Bengaluru, 560012) (Co-PI : Dr. SrikumarM. Menon, Indian Institute of Science Campus, Bengaluru, 560012).

		IIT-Bombay			
Sl.No	Item	1st Year	2nd Year	3rd year	Total
1.	Project staff				
	JRF-01 @ Rs. 25,000/- + 30% HRA for 2 years & @ Rs. 28,000/- + 30% HRA for 3rd year as SRF	3.90	3.90	4.37	12.17
2	Domestic Travel	0.50	0.50	0.50	1.50
3	Consumables	0.50	0.25	0.25	1.00
4	Contingency	0.50	0.50	0.50	1.50
5	Others	4.00	4.00	2.00	10.00
	Total	**9.4**	**9.15**	**7.62**	**26.17**
6	Overheads	1.00	1.00	1.00	3.00
	Grand Total	**10.4**	**10.15**	**8.62**	**29.17**

PROPOSAL -7

Project title : Archiving, Modelling and Visualization of the Eco-Cultural Heritage of the Majuli River island of Assam (PI: Dr. Sukumar Nandi, Professor, Centre for Linguistice Science and Technology Guwahati, Indian Institute of Technology Guwahati, Guwahati- 781039) (Co-PI : Dr. Rajib Kumar Bhattacharjya, Dr. Samit Bhattacharya & Dr. Parasmoni Dutta).

		IIT-Guwahati				Tezpur University			
Sl.No	Item	1st Year	2nd Year	3rd year	Total	1st year	2nd year	3rd year	Total
1.	Project staff JRF-03 to IIT-G & JRF-01 to TU	11.70	11.70	13.10	36.50	3.90	3.90	4.37	12.17
2	Travel	0.50	0.50	0.50	1.50	0.50	0.50	0.50	1.50
3	Consumables	2.00	2.00	1.00	5.00	1.00	1.00	1.00	3.00
4	Contingency	0.50	0.50	0.50	1.50	0.50	0.50	0.50	1.50
	Total	**14.7**	**14.7**	**15.1**	**44.5**	**5.9**	**5.9**	**6.37**	**18.17**
5	Overheads	2.00	2.00	1.00	5.00	2.00	1.00	1.00	4.00
	Grand Total	**16.7**	**16.7**	**16.1**	**49.5**	**7.9**	**6.9**	**7.37**	**22.17**

...Contd/-

P.K.Sharma

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

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	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

(a) 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.

(b) 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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Office of the Regis...
No. 0756
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.8-142/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 Reg
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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(1)

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.

1. 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.

2. 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.

3. 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:

Regsitrar / Director / Principal,
Tezpur University
Napaam, Tezpur, Sonitpur, Assam-784028

Dr. Jiten Ch. Dutta
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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0753
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. 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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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

Receipt No ..... 010...
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
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.

Scanned by TapScanner

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

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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%	75,000/-	75,000/-	50,000/-	2,00,000/-
	Consumables	40,000/-	30,000/-	30,000/-	1,00,000/-
	Contingencies	40,000/-	30,000/-	30,000/-	1,00,000/-
	Travel	89,000/-	80,000/-	80,000/-	2,49,000/-
C.	Overhead	9,04,000/-	8,75,000/-	6,65,200/-	24,44,200/-
D.	Total of Recurring Grant (B+C)	13,04,000/-	8,75,000/-	6,65,200/-	28,44,200/-
E.	GRAND TOTAL (A+D)				

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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Dated: 15 March 2019

Serial No... 258
Date of Receipt 13/5/2019
Dean, R/D

Office of Receipt No 0764
Date 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 Branch Officer and PI & counter signed by Head of institution.

(iii) Documents to be submitted within two months of completion of the Project.

a Construction Utilization Certificate (UC), duly signed.

b Duly signed statement of expenditure mentioning heads-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 monitoring 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, expected 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

13/3/18

Scanned by TapScanner

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 tir

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 aration 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**

action 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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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. SAREKA 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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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 nanoemulisiifed 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,

Encl: - as above

उप निदेशक Deputy Director

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

25/3/2015
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.
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 e 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

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

Serial No... 247
Date of Receipt 13/5/2019
File No. Dean, R/D

...: "Rupjyoti Gogoi" <rgogoi@tezu.ernet.in>
...ject: Re: Registration of ISRO sopnsored project - regarding
...te: Fri, May 10, 2019 11:57 pm
...: deanrnd@tezu.ernet.in

...Dean,
...search & Development, Tezpur University,
...pur-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
...cial scheme by ISRO to carry out scientific research using data taken
...AstroSat, the first indigenous Indian satellite. Therefore, most of the
...unications are via email and I will send a print copy of the email
...arding the total grant and break up. There is no sanction order
...taining 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
...ding 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

...DISCLAIMER...
...e-mail may contain privileged information and is intended solely for
...ndividual 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

M/D.

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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/-

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.

Prof C. Sarma
HOD, Social Works
for needful pl.
24-5-2019

Yours faithfully

Member Secretary
State Child Protection Society,
Assam

Memo No. No. SCPS (G) 439/2018-19/28 Dated Guwahati the 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.

Member Secretary
State Child Protection Society,
Assam

24/5/2019

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

RIFD/MODROB 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

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

1-3568318999

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F.No. ___/RIFD/MODROB/Pol

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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No. 642 2016/19
of Receipt ... RID
No. ...
ceived by ...

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

Dated : 20/05/2019

From : Head, Human Resources Development Group

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
MA Pl.
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 ... 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, 1 R & D
2 FO.
B 27/5/19

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

कलोक - एल बी, प्लोट - ८, सेक्टर - III बिधाननगर, कोलकाता-७०० १०६, इंडिया
... III, Bidhan Nagar, Kolkata-700 106, India
... 91-33-2335-7008 / 6543

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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

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**

Authorised ... of this Indenture ... by the Executant who is identified by ...

Bijoy K. Sarmah
Adl. P.P.
Advocate, Tezpur

Executed before me by the Executants & duly authenticated

20/6/19

NOTARY TEZPUR
Regd. No- SNT-7

NOTARY Deepika Choudhury Tezpur, Assam Regd. No- SNT-7 GOVT. OF ASSAM

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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)
2/4/19
(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

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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
Date 13/9/2019
Deptt RTD

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,
Plot 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, UFC

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)
w Delhi- 110 067 (India)

दूरभाष :/Telephone : 011-26[illegible]
011-26[illegible]
तार :/Telegram : [illegible]
फैक्स :/Fax : 011-26[illegible]
वेबसाईट :/Website : www.[illegible]

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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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56

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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54

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

49

No. BT/PR25000/NER/95/950/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NERBPMC)

Appl. No. MAP/2017/38 Admin. Order

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:-

1 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

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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

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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

वैशाली / Vaishali
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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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 प्रौद्यो. मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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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:

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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

Vandali

वैज्ञानिक 'ई' / Scientist 'E'
जैवप्रौद्योगिकी विभाग / Dept. of Biotechnology
विज्ञान और प्रौद्यो. मंत्रालय / Min. of 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
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college nagaon, assam, Nagaon - 782002,
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2.3 Objectives:

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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.
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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.)
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Total (Rs.)	4473592	1363592	1417200	7254384

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

Institute wise details are:

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Travel	50000.00	50000.00	50000.00	**150000.00**
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Overhead	50000.00	50000.00	50000.00	**150000.00**
Travel	50000.00	50000.00	50000.00	**150000.00**
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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.

डॉ. वैशाली पंजानी / Dr. VAISHALI PANJARI
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

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.

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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 प्रौधो. 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 प्रौधो. 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 वार्ष्णेय / Dr. VAISHALI W NAY
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी 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 = one of up to 03 months from Bulgarian side by student/ young researcher PI/Co PI 50000/ month * 03	52,500 1,50,000	52,500 1,50,000	1,05,000 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

T. U. Bora

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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 (halt 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, Bonipur, 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 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 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, RD & Reshma P. for F.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
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, RD
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

ORDER

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

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: 16.10.2019
18

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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35

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

Financial Sanction of the research project titled **"Studies on signal transduction mechanism(s) of Indian cobra (Naja naja) and Russell's Viper (Daboia russeli neurotrophin 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**

nction 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**

nction 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.

stitute 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 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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33

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.

196

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)

for info.
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... ...रत
Guwahati-7810... ...m Indi

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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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

for info.
1. Dean, R&D
2. F.O.
3. Dr Mridul Dutta

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.

To file
9/12/19

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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

Scanned by TapScanner

Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: mmp2016rpr@gmail.com

Sanction

(14)

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

Scanned by TapScanner

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

HD
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 besid 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 th 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 fo 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.

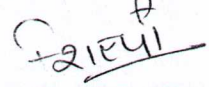
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.



(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

21/04/21

(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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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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Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: mmp2016rpr@gmail.com

10

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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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

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

16

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 ntt.

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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IFMS Unique 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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(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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(26)

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)

(1) Dean R&D
(2) F.O.

ICMR

Indian Council of Medical Research
Department of Health Research, Ministry of Health and Family Welfare, Government of India

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
mail.
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

OFFICE OF THE DEAN R&D
TEZPUR UNIVERSITY
DATE OF RECEIPT 01.09.2020
RECEIPT NO 5169
SIGNATURE

The Pay & Accounts Officer
Ministry of Electronics & Information Technology (MeitY)
New Delhi – 110003

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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2

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)

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.

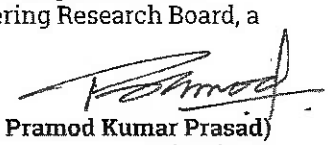
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.

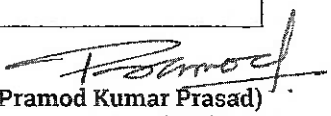
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), 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

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

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

Approval Letter

File Number: CRG/2020/002651

Dated: 14-Jan-2021

Subject: Project titled "Elucidating the mechanism of action of PehR, a transcriptional regulator in pathogenicity of Ralstonia solanacearum F1C1 (local isolate)".

Dear Dr. Aditya Kumar,

The project cited above has been recommended by the related **Core Research Grant** to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years. The final budget to be sanctioned would be based on quotations received, existing norms, funds availability etc.

The committee recommended the following budget

Manpower :-> Research Associate-I - 1
Equipment Details : Rs. 1250000
-> Plant growth chamber - 1
-> Workstation - 1
Consumables : Rs. 2400000
Travel Cost : As per norms
Contingencies : As per norms
Overhead : As per norms

You need to accept the above budgetary allocation before proceeding further. To accept the budgetary recommendations , you may follow the following steps :

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals
3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"'

You are requested to upload the following documents of the approved budget strictly within one month from the date of this letter.

Upload the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any).
Salary structure for the project staff (including HRA, Medical Benefits, if applicable etc.).
A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.
RTGS details of the implementing institute to facilitate transfer of the fund as per the template.
Any other documents (as detailed bellow specific the programme concerned).

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Depending on the activity chosen, additional budget would be provided under separate head to carry out the chosen activities. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents
Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.
If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.,) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.
(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)
Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **CRG/2020/002651** may also be mentioned in all research communications arising from the above project.

Yours sincerely,
(Dr. Thangaradjou T)
Scientist E
Email: msls@serb.gov.in
Ph: 40000345

Dr. Aditya Kumar
Molecular Biology And Biotechnology
Tezpur University , Napaam, Tezpur, Assam, Tezpur, Assam-784028

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 sanctioned for the project entitled **"Harnessing Endophytes and Arbuscular Mycorrhizal (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**

Balurghat Mahila Mahavidyalaya

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 :

SNo.	Institute	Year I	Year II	Year III	Total Cost(Rs.)
1.	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 V II

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

दिनांक: 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

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

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
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