



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

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.

Concerned file

To Prof. K.P. Samra

Dr. R.R. Hogue

Amun
27/04/2016

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)

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 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. M.K. Pandit, Environmental 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.

"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, Environmental 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

- ① VC for kind approval of
 ② Dean, R & D } for mapb
 ③ Dean, S O E
 ④ P.O.

P. Banik
 SAP File

10/5/16



Office of Registrar
 No. 778
 Date: 10/5/16
 RECEIVED

V
 10/5/16

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

No. F.3-11/2016/DRS-I(SAP-II)

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

Serial No... 4841
 Date of Receipt... 11.05.2016
 File No... 4.20 P.M.
 Received by... [Signature]

11.9 March, 2016
 APR 2016

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.

In ID
 For n/a please
 [Signature]
 14/5/2016

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.	<u>Non-Recurring (Items)</u>	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.	<u>Recurring</u>	
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)

RB

"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:-

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



Office of the Registrar
 Receipt No. 6705
 Date 15/3/16
 Received by

UNIVERSITY GRANTS COMMISSION
 BHADUR 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,

- 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.
- 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)**
- 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.**
- 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.
- 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.**
- 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**

Dr. Ashok Kumar
 16/3/2016

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

Handwritten initials: PB

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

- NOTES
- 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,


(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

Dean, R+D
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UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

February, 2016

No. F.5-20/DRS-I/2016 (SAP-III)

To
The Registrar,
Tezpur University,
Napaam, Sonitpur,
Assam- 784 028

11 2 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.

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

...3...
(Rs. In lakh)
Rs. 6.00
Rs. 34.00

1 - Recurring
urring

al (NR + R) for 5 years = Rs.40.00

pees Forty lakh only)

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 earned and by the UGC under Special Assistance Programme will be treated as additional income of 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 reports 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 Programme Coordinator (no Joint Coordinator or Coordinator) 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 mandatory for all departments which are being supported under SAP. The UGC nominees in the Advisory Committee will be as indicated below. The departments may contact the UGC nominees for their assistance 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 essential. The composition and terms & reference of the Advisory Committee will be as given in UGC website www.ugc.ac.in.

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

- 1) Acceptance of the terms and conditions of the grants duly signed by the Registrar of the University/Institute.
- 2) Name of the competent University Officer with full address and other bank details in a mandate form) the prescribed enclosed proforma so that the fund can be transferred electronically.

....5....

"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.

For 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



उच्च-विद्यालय विभाग
डॉ. निसार अहमद मीर
संयुक्त सचिव



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 - 110 002
Bahadur Shah Zafar Marg, New Delhi - 110 002
फोन Phone : कार्यालय off: 23212027
e-mail : nisarmir.ugc@nic.in

Dr. Nisar Ahmad Mir
Joint Secretary

SPEED POST

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

November, 2016

Dear Sir,

9 NOV 2016

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 Textyik 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 Textyik and Visual Narratives" at Tezpur University, Assam, under the Scheme CPEPA.-

A	Non-Recurring (code 35)	Allocation (Amt. in Rupees)
	Item	
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 aimirahs. etc	5,00,000/-
	Sub Total	87,07,000/-

Contd..... 2/-

B		Recurring (code 31)	Allocation
		Item	(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
Napaam, 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.

✓ (A) Dear Sir
(B) P.P.

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 University, 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

(P. Mohan Kumar)

Encl: Terms and Conditions

Copy to:
The Registrar,
Tezpur University
Tezpur, Assam - 784028

20/4/16

Serial No...	4750
Date of Receipt...	26.04.16
Time	11.30 AM
Received by	

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.

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. MOS dopant combination with sensitive response to 3 pesticides will be identified.
2. High-tech fabrication of the MOS obtained through step-1.
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	1 st Year	2 nd Year	3 rd year	4 th year	Total
A. Non-Recurring					
Four probe conductivity meter	8,50,000/-	-	-	-	8,50,000/-
-20 ^o 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/-

Date of Receipt 18.05.2016

Office of the Registrar

Receipt No. 871

26

3.30 p.m.

Date

Received by 16/5/16

Office / GRAM : विज्ञानी / SCIENTIFIC
Web-site : www.icmr.nic.in
E-mail : icmrhqds@sansed.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

To,

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

Date: 03/05/2016

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 squamous 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.

Yours faithfully,

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 General

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 squamous 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

Admn. Officer
For Director General



Program
Tel
Fax
website : www.dst.gov.in

No. INT/FRG/DAAD/P-9/2016

① Dear P.D.D / for n/a
② P.O.
10/8/16

Office of the Registrar
Receipt No. 2492
Date 10/9/16
Received by
भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, नया महरौली मार्ग,
नई दिल्ली-110 016

Serial No. 5234
Date of Receipt 10.08.2016
File No. 11.40A-M
received by

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016

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-Universität Würzburg 97074 Würzburg, 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)		
	1 st year	2 nd 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 21 days, 2 persons) (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. Aray
10/8/16

5. The local hospitality (which includes per-diem, accommodation, etc) for Indian scientists visiting Germany the International travel related expenses wrt the German Scientists visiting India under the project shall be borne by 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 Thousand Five Hundred Only)** as an initial installment for incurring expenditure during the first year of the project. The payment of this amount may be made electronically to **REGISTRAR, TEZPUR UNIVERSITY, Napaan Road, Tezpur, Assam 784001**.

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.

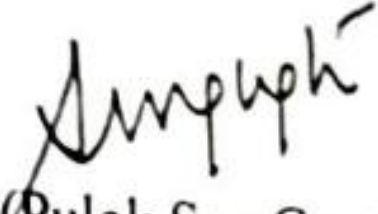
9. The expenditure involved is to be debited under the budget head Demand No. 77, Department of Science and Technology Major Head-3425, other scientific research 60.798-International Cooperation 12- S&T Cooperation with Other Countries 12.00.31-Grants-in-aid (Plan) during the current financial year 2016-2017.

10. This issues under the delegated powers to the Ministries/Departments and with the approval of DST and financial concurrence of IFD vide Dy no. C/1193/2016-2017 dated 1-6-2016.

Amogh

Cont next page

1. The expenditure on account of this Sanction Order has been entered in grant register at Page 76

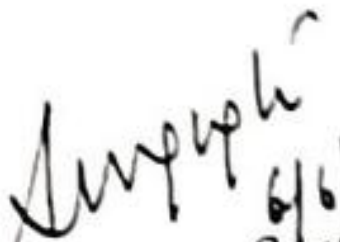

(Pulok Sen Gupta)
Under Secretary to the Govt. of India

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


(Pulok Sen Gupta)
6/6/16
Under Secretary to the Govt. of India



① Deemed R & D
② P.O.

Mr P.

22/10/18

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
इन्दिरा गान्धी 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.

Office of the Registrar

Reg No. 6772

24/6/18

Telegram Sciencetech
28962319, 26567373
26562134, 26562122 (EPBAX)
26569908, 26364570
26863347, 26862413

No. DST/INT/FRG/DAAD/P-09/2016

Serial No. 3432

Dated 14.09.2018

Date of Recd. 25/10/18

File No. Dean, R/D

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
14/09/2018

(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.
Anuraj
21/10/18

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

- 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.
- 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))
- 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**
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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. 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.

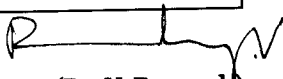
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


(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: ghanapati@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. I 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 Forty 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 1 st and 2 nd yr and 6 for 3 rd & 4 th 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 in 2 nd yr and 12 months in 3 rd 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%H RA]	6.60	6.60	0.0	0.0	13.20
	B. SRF [1 for 1& 2 nd yr and 3 for 3 rd & 4 th year @Rs.28000p.m.+10%H RA]	3.696	3.696	11.088	11.088	29.568
	C. Stipend in Brazil					
	a. SRF (1; for 6 months in 2 nd yr and 12 months in 3 rd 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	23.58495	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& 2 nd yr	3.696	3.696	7.392	7.392	22.176

	and 2 for 3 rd & 4 th year @Rs.28000p.m.+10%H RA] 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'

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:-

Heads	1st year	2nd Year	3rd Year	Total
1) Salary				
a) JRF(2) @₹25000-25000-28000 and HRA @10%	6,60,000	6,60,000	7,39,200	20,59,200
b) Field Assistant(1)@₹8000/- fixed for 3 years	96,000	96,000	96,000	2,88,000
2)Permanent Equipment :				
(i)GPS (Garmin eTrex) -(2)				
(ii)Canon Digital SLR Camera -(1).	3,00,000	NIL	NIL	3,00,000
(iii)Nikon bionoculars -(2)				
(iv) Night Vision Bionoculars -(2).				
(iv) Insect Light traps - (5).				
(v) Clinometer/Vertex - (1).				
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

Serial No.	5073
Date of Receipt	05.07.16
Page No.	
Received by	

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 amended from time to time, read with the Government of India's decisions incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- i. All relevant information and documents/certificates as required under GFR 209(1) have been 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 without obtaining the prior approval of the sanctioning authority of Grants-in-Aid. The equipments shall 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 required for release for further amount for the project is made, or at the end of the financial year, whichever is earlier.
- v. The accounts of the concerned institution 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 (DF) Act, 1971 and internal audit party by the Principal Accounts office of the Ministry or Department 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 14/8/2014-RE dated 27.06.2016.
- vii. The concerned Institution will spend Grants-in-Aid exclusively in pursuance of the objectives envisaged in rules/memorandum of concerned institution and for the purpose it is being sanctioned.
- viii. Grants-in-Aid to the concerned Institution is subject to the Economy Instructions issued from time 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 unspent 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 standard format as required under GFR 209 (xiii).

4. **In addition to above, the following conditions should be comply :**

- 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 through bank accounts of recipients. Travel and Contingencies 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 of taxable goods.
- d. The implementing agency shall furnish their annual performance-cum-achievement report along with photographs and executive summary to the sanctioning authority for uploading on the website 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 by 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 against 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.

Madheemita Biswas

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

F.No-14/8/2014-RE
Government of India
Ministry of Environment Forest & Climate Change
(Research in Environment Division)

59

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.

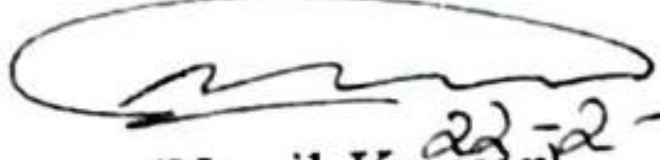
Sir, Ma'am,

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,


(Navil Kapur)
Deputy Secretary (RE)
22-2-2021

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

- 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.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Start Up Research Grant (Young Scientist). (EC Engineering Sciences)
- 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
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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.

10. The release amount of Rs. 1517200/- (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, 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

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/2015/001683 SCIENCE & ENGINEERING RESEARCH BOARD 5 & 5A,
Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5,
Vasant Kunj New Delhi-110070 Dated: 20-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, 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

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.

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

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

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. Niranjana 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'	<i>Total (Non-Recurring)</i>	2782059
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1773200
2	Recurring - B : (Overhead Charges)	455525
B'	<i>Total (Recurring)</i>	2228725
C	Total cost of the project (A' + B')	5010784

- 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.
- 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)**
- 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**

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.

To,
Finance & Budget Officer

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

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.	<p>Prof. Ashok Kumar Physics Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 Email: ask@tezu.ernet.in Mobile: 919401620770</p> <p>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.)</p>
5.	<p>Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

9/20/2019

From:
Subject:
Date:
To:

SERB_Administrator@serbonline.in
[MASSMAIL]SERB-Notification
Wed, September 18, 2019 9:49 am
"info@serbonline.in"@imsva02.cdacnoida.in

[MASSMAIL]SERB-Notification

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. Anurag Medhi & Ms. Susmita Banerjee for BARC visit. Requests were made on Dec. 4, 2019. No intimation was given.

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

Nilotpal Ghosh
07.1.2020

Technology Bhawan
 New Mehrauli Road, New Delhi-110016
 Dated: .08.2016

ORDER

Subject: Release of 1st instalment for implementation of Indo-Japanese joint research project entitled "Development of new water supply strategies for Brahmaputra watersheds of India under climate change regime"

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs.5,91,760/- (Rs. Five lakh ninety one thousand seven hundred sixty only)** in connection with implementation of the Indo-Japanese joint research project entitled "Development of new water supply strategies for Brahmaputra watersheds of India under climate change regime" by Dr. Manish Kumar, Asst. Prof., Department of Environmental Sciences, Tezpur University, Napaam, Assam in collaboration with Prof. Hiroaki Furumai, RECWET, Graduate School of Engineering, the University of Tokyo for a total duration of two years from the date of receipt of the DD of initial grant which has to be intimated by the grantee institution.

2. The composition of the project team is as below:

Indian Side		Japanese Side	
i)	Dr. Manish Kumar, Asst. Prof. Department of Environmental Sciences Tezpur University, Napaam, Assam	i)	Prof. Hiroaki Furumai RECWET, Graduate School of Engineering, the University of Tokyo
ii)	Dr. Raza Rafiqul Hoque, Assoc. Prof. Department of Environmental Sciences, Tezpur University, Napaam, Assam	ii)	Dr. F. Kurisu RECWET, Graduate School of Engineering, the University of Tokyo
iii)	Aparna Das Department of Environmental Sciences, Tezpur University, Napaam, Assam	iii)	Dr. H. Katayama RECWET, Graduate School of Engineering, the University of Tokyo
iv)	Jyotiprakash Deka Department of Environmental Sciences, Tezpur University, Napaam, Assam	iv)	Dr. Ikeuro Kasuga RECWET, Graduate School of Engineering, the University of Tokyo
v)	Anindita Gogoi Department of Environmental Sciences, Tezpur University, Napaam, Assam		

3. Change/replacement of project participants at any stage shall be allowed only with the prior approval of DST. The expenditure related to approve visits of participating scientists, as mentioned above shall incur from the project grant only.

4. The breakup of estimated expenditure is indicated below. No re-appropriation of funds from one budget head to the other is permissible under this project:

Items of Expenditure	1 st Year	2 nd Year	Total
Visits from India to Japan			
- Number of visits and duration for each visit (Guwahati -Tokyo- Guwahati)	2 visit (8 days each) 1,50,000	2 visits (16 days each) 1,50,000	4 visits 3,00,000
- International to & fro Airfare by economy class including airport taxes @ Rs.75,000/- per visit	10,000	10,000	20,000
- related local travel in India from city parent institute to nearest International Air Port (Tezpur-Guwahati-Tezpur)	21,880	21,880	43,760
- visa fee & Overseas medical insurance			

Visits from Japan to India

	1 visit	2 visits	3 visits
- Number of visits and duration for each Visit (6 days each)			
- 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.

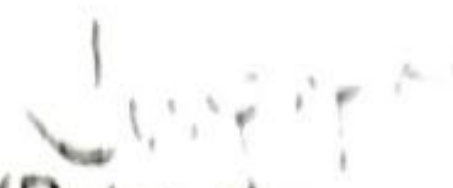
11. As per rule 211 (i) of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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.


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

To
The Pay & Accounts Officer,
Dept. of Science and Technology, New Delhi


(Pulok Sen Gupta)
Under Secretary to the Govt. of India

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



FD Diary No.2065
Dated : 28.07.2016

**University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110 002**

No.F.30-315/2016 (BSR)

Dated: September,2016

The Under Secretary FD-III Section,
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110002.

- 7 SEP 2016

Subject:- Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the financial year 2016-2017 under Plan.

Sir,

The University Grants Commission convey its approval and allocate a sum of **Rs.6,00,000/- (Rupees Six Lakhs Only) @ Rs.6.00 Lakhs each faculty** to the Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam) being the UGC-BSR Research **Start-Up-Grant** for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of **Rs.6,00,000/- (Rupees Six Lakhs only)** to the Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam) being the approval of **Rs.6,00,000/- (Rupees Six Lakhs only) @ Rs.6.00 Lakhs each faculty** towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2016-2017.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (Rs.)	Amount being released (Rs.)
UGC-BSR Start-up grant @ Rs.6.00 lakhs each for newly recruited faculty at Assistant Professor level in science department	3(D) (i) 31	Dr. Biraj Kumar Kakati	Energy	6,00,000/-	6,00,000/-
		Total:		6,00,000/-	6,00,000/-

2. The sanctioned amount is debitable to the major Head ⁽⁶⁰⁾ 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.

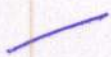
9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization 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 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. 824 (IFD) Dated 16.05.2016.

19. This issues with the approval of C.M. Sectt., UGC vide Diary No. 29374 Dated 31.05.2016

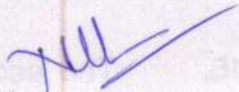
Noted in BCR Register 2016-2017 at P.No 02 S.No 08.

Yours faithfully,


(Mrs. Paramjeet)
Under Secretary

Copy forwarded for information and necessary action to:-

1. **Registrar, Tezpur University, Napaam, Tezpur-784028 (Assam).** He/She is requested to abide by these instructions/guidelines of sanction order.
2. The Secretary (Education) to the State Government of **Assam, Tezpur.**
3. The Head, Department of Energy, Tezpur University, Napaam, Tezpur-784028 (Assam).
4. **Dr. Biraj Kumar Kakati, Assistant Professor, Department of Energy, Tezpur University, Napaam, Tezpur-784028 (Assam).**
5. The Director General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
6. Guard file.


(Neera Chopra)
Section Officer



Science and Engineering Research Board

Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Government of India

FILE NO. EMR/2016/000537

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 17-Sep-2016

ORDER

Subject: Financial Sanction of the research project titled "**Green nanocomposite from fully renewable bio polymers: modified vegetable oil reinforced with rosin acid and keratin**" under the guidance of Prof. Tarun Kumar Maji, Chemical Sciences, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur, Tezpur, Assam-784011 and by Prof. Ashim Jyoti Thakur, Prof., Chemical Sciences, Tezpur University - Release of 1st grant.

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

The following budget may be considered for **Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	500000
	-> Ultrasonicator	
A'	Total (Non-Recurring)	500000
B	Recurring Items	

1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1629600
2	Recurring - B : (Overhead Charges)	212960
B'	Total (Recurring)	1842560
C	Total cost of the project (A' + B')	2342560

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.

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

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.

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.



**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

Handwritten signature

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	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd yr	3.30	3.30	3.69	10.29
Total			3.30	3.30	3.69	10.29

W

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

Heads	1 st Year	2 nd Year	3 rd 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

Heads	1 st Year	2 nd Year	3 rd 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.



(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

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 Solanacearum 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. IPD, DBT
5. The Registrar, Tezpur University, Napaam- 784028, Tezpur, Assam.
6. The Vice-Chancellor, Tezpur University, Napaam- 784028, Tezpur, Assam.

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 Power Rules, 1978 for the implementation of the project under 'DBT's Twinning programme for TNE' titled "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" 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: Dr. Raj Kumar Duary
(Parent Institute) Assistant Professor
Department of Food Engineering and Technology
Tezpur University, Napaam,
Sonitpur-784028, Assam

2.2.2 Principal Investigator: Dr. (Mrs.) Krishna Das Saha
(Collaboration Institute) 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.



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.

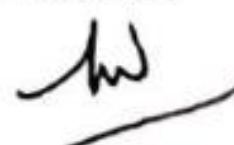
2.6 Manpower:

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.



2.6.1 Tezpur University, Napaam, Assam

S. No.	Position (No.)	Emolument	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S. No.	Position (No.)	Emolument	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3 rd 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

Heads	1 st Year	2 nd Year	3 rd 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	1 st Year	2 nd Year	3 rd 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. 177-178**..... 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 Upadhyay 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.

File No. BT/PR15941/NER/95/33/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)

(Application No. BT/PR15941/NER/95/33/2015)
(Administrative No. BT/PR15941/NER/95/33/2015/102)

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 Technology, 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: Dr. Anupam Nath Jha
(Parent Institute) Assistant Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University, Tezpur, Napaam
Assam-784028

2.2.2 Principal Investigator: Dr. Suman Jha
(Collaboration Institute) 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

National Institute of Technology, Rourkela

1. Synthesis and characterization of photocatalytic nanoparticles like ZnONP, IONP, AgNP, Alum nanoparticle etc.
2. Binding thermodynamics of identified AMPs with the synthesised nanoparticles extensively, using ITC. Conformational dynamics of AMPs upon conjugation to the nanoparticle using CD spectropolarimeter, ATR-FTIR, etc.
3. Modification of accessible functional groups of the nanoparticles (according to the simulation results), and characterization of the modifications.
4. Investigation of binding thermodynamics and conformational dynamics of AMPs upon conjugation with the surface modified nanoparticles.
5. Investigation of the AMP-NP conjugates antimicrobial activity against sensitive and membrane based resistant bacteria
6. Comparative study of the AMP-NP conjugates antimicrobial activity against 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

S. No.	Position (No.)	Consolidated Emolument	₹ in lakhs			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd yr	3.30	3.30	3.69	10.29
Total			3.30	3.30	3.69	10.29

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

Heads	(₹ in lakhs)			
	1 st Year	2 nd Year	3 rd 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

Heads	(₹ in lakhs)			
	1 st Year	2 nd Year	3 rd 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:

1. 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 of Biotechnology and the grantee institute on a ₹ 100/- stamp paper in the format given in 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. 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 Upadhyay 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

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110003

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

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.



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.



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. Sivasdas, Manager Accounts, Media Lab Asia - Mumbai
12. Project File



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 (<i>ITRA-Ag&Food</i>)
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
	Total project duration	:	24 Months
	i) Expected date of commencement	:	October 28, 2016
	ii) Expected date of completion	:	October 27, 2018



8. Total project outlay :

a. Year wise and item-wise break up of expenditure (Rs. In Lakhs)

Budget Head	1 st Year	2 nd 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	1 st year	2 nd 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		1 st year	2 nd 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



c.2 TUA, Assam: PIN-IT

(Rs. in Lakhs)

Budget Head		1 st year	2 nd 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

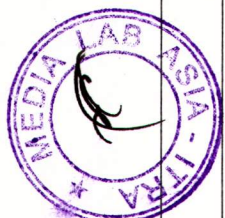
(Rs. in Lakhs)

Budget Head		1 st year	2 nd 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		1 st year	2 nd 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

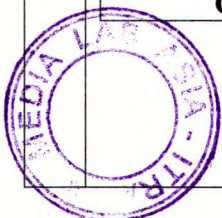
(Rs. in Lakhs)

Budget Head		1 st year	2 nd 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		1 st year	2 nd 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

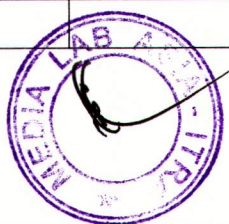
(Rs. in Lakhs)

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			<u>Amount (Rupees in Lakhs)</u>
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	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> Technical progress report Statement of Account Utilization Certificate for the previous Grants Request letter for next release 	95.70
Total			240.87



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





George Arakal
Director (Admin. & Finance)

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.

sp

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. Moushume Bhattacharya, Senior Consultant, Dept. of Radiation Oncology
4	Rangia College, Rangia, Dist- Kamrup Assam, P.O- Rangia, Pin- 781354	Dr. Singdha Sarkar, Associate Professor

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, 3 rd 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

File No. BT/22/NE/2011
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)

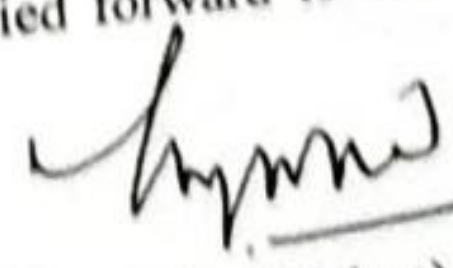
Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 19/12/2016

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:

Heads	₹ In lakhs	
	5 th 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.
- The other terms and conditions governing the financial sanction will remain unaltered.
 - The account of the guarantee institution shall be open to inspection by the sanctioning authority/audit.
 - 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.
 - This issues under the powers delegated to the department and with the concurrence of IFD, DBT vide Dy No. 102/L.F.D/SAN/2122/2016-2017 Dated 22/08/2016.
 - This sanction order has been noted at Serial No. 337 in the Register of Grants.
 - A copy of the UC-SE for the year 2015-2016 is enclosed.
 - 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

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:

Sl. No.	Heads	(₹ in lakhs)			Total
		6 th Year (01.11.16 to 31.10.2017)	7 th Year (01.11.17 to 31.10.2018)	8 th Year (01.11.18 to 31.10.2019)	
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

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:

Sl. No.	Heads	6 th Year (01.11.16 to 31.10.2017)	7 th Year (01.11.17 to 31.10.2018)	8 th 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 Sarada College, College Road, Hailakandi, Assam - 788151	The Principal, Srikishan Sarada 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 -110002.
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.

Dated: 04 Nov-2016

ORDER
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

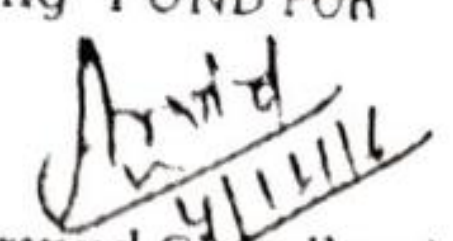
S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Analytical Balance -> High Performance Computer -> Refrigerator -> Vacuum Pump	539000
A'	Total (Non-Recurring)	539000
B	Recurring Items	
1	Recurring - A (Manpower, Consumables, Travel, Contingencies)	1728000
2	Recurring - B (Overhead Charges)	226700
B	Total (Recurring)	1954700
C	Total cost of the project (A' + B')	2493700

- 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.
- 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)
- 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
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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. 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

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

File No. BT/PRI6804/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.

/

2.2.4 Co-PI Name:
(Collaboration Institute)

Dr. Shilpa Jauwal
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 bionanoconjugates 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)
1.	HPLC	25.15
2.	Ultrasonicator (probe)	3.76
	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

S. No.	Position (No.)	Emolument	(₹ in lakhs)			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S. No.	Position (No.)	Emolument	(₹ in lakhs)			
			1 st Year	2 nd Year	3 rd 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		(₹ in lakhs)			
		1 st Year	2 nd Year	3 rd Year	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					
2. Consumables		3.30	3.30	3.69	10.29
3. Travel		1.50	2.50	2.00	6.00
4. Contingency		0.25	0.30	0.45	1.00
5. Overhead charges		0.50	0.50	0.50	1.50
Sub Total- II (1-5)		0.25	0.30	0.45	1.00
GRAND TOTAL (I+II)		5.80	6.90	7.09	19.79
		34.71	6.90	7.09	48.70

2.7.2 Translational Health Science and Technology Institute (THSTI), Faridabad, Gurgaon

Heads		(₹ in lakhs)			
		1 st Year	2 nd Year	3 rd Year	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.

[Handwritten Signature]

- 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 Upadhyay 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



Office of the Registrar
 5725
 10/11/17 REGISTER
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
 EXTRAMURAL RESEARCH DIVISION
 CSIR COMPLEX, PURA, 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

① Dem R20
 ② FO.
 to map
 15.1.17

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 ₹)	1 st Year : 3,00,000	2 nd Year : 3,00,000	3 rd Year : 3,00,000
IV	Equipment (lumpsum in ₹)	5,00,000 (LS)		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- 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

- 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 1st 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 :-

- 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.
- Sr F&AO(EMR) alongwith FVC for first year's grant.

H. Das

Put up this matter.

18.1.2017

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 duly 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."**



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
EXTRAMURAL RESEARCH DIVISION
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

REGISTERED

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 ₹)	1 st Year : 2,00,000	2 nd Year : 2,00,000	3 rd Year : 2,00,000
IV	Equipment (lumpsum in ₹)	2,00,000		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- 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

- 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 1st 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 debit to budget head P81102.

Yours faithfully,

for SECTION OFFICER (EMR-II)

Encl : As above

Copy to:-

- 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.
- Sr F&AO(EMR) alongwith FVC for first year's grant.

Registra
6/23 6/2/17

UGC-DAE Consortium For Scientific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विज्ञान संस्थान, मुंबई
निक 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)

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

✓ Demand RD / for m. p.
② F.D.
R. Siruguri

Sub: Sanction of Collaborative Research Scheme titled "Small angle scattering based study on hierarchical 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.

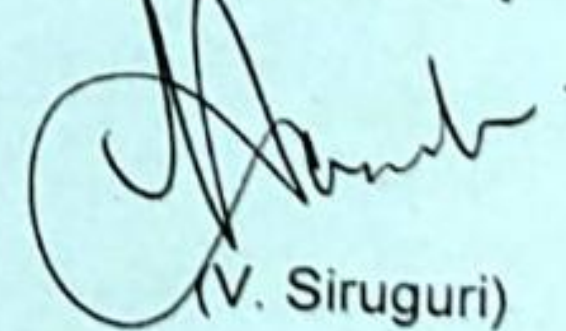
Guidelines regarding implementation of the CRS, Review, Appointment of Project fellow, Travel support to the PI or Student to visit BARC for performing experiments, etc. are enclosed herewith.

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
Disend with Dr. D.
Dele. Suggested
due to Relemit project
for issuing agreement
no.
R. Siruguri
20/1/17

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 : udcscr.mum@csres.in



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

Office of the Registrar

DATE OF RECEIPT

18/2/20

Receipt No. 7759
Date 18/02/20
Received by 651

RECEIPT NO. 3986
SIGNATURE

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.

RECEIVED
18/2/20

Office of the Registrar

Sub: Extension of Collaborative Research Scheme titled "Small angle scattering based study on hierarchical mesoporous assemblies 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 appointment 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 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 above 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. मुंबई केन्द्र / UGC-DAE CSR, Mumbai Centre
२४६-सी दूसरी मंजिल, सी.एफ.बी./ 246-C, 2nd Floor C.F.B.

बी.ए.आर.सी. टाव्हे / B.A.R.C. Trombay,
मुंबई-४०००८५ / Mumbai-400 085

२४६-सी, दूसरी मंजिल, सामान्य सुविधा भवन, भाभा परमाणु अनुसंधान केन्द्र,
246-C, 2nd Floor, Common Facility Building, Bhabha Atomic Research Centre, Trombay, Mumbai-400 085
Phone : +91 22 25505327, 25594727 • Fax : +91 22 25505402
E-mail : udcsr.mum@csr.res.in

Filed
19/2/20
Copy to:
1 Registrar, Tezpur University (Central University), Nappam-784028r,

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. Niranjana 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
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

Bank Name & Branch	State Bank of India Main Branch, Tezpur, Lake Road, Tezpur, Sonitpur, Assam, 784001, 91-3712-220592
IFSC/RTGS Code	SBIN0000195
Email id of A/C Holder	registrartu@tezu.ernet.in
Email id of PI	karakniranjan@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non- Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/001598 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

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

Arvind Chaudhary
4-1-17
(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>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</p> <p>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.)</p>
5.	<p>Vice-chancellor, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur (Receipt of Grant may be intimated by name to the undersigned)</p>

Arvind Chaudhary
4-1-17
(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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

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

2.6.1 Tezpur University, Napaam, Assam

S. No.	Position (No.)	Consolidated Emolument	₹ in lakhs)			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S. No.	Position (No.)	Consolidated Emolument	₹ in lakhs)			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % % HRA for 3 rd 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

Heads	₹ in lakhs)			
	1 st Year	2 nd Year	3 rd 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				10.30
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

2.7.2 Vidyasagar University, Midnapore, West Bengal (₹ in lakhs)


Heads	1 st Year	2 nd Year	3 rd 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.


4 of 5

- 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 Upadhyay 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



University of
Nottingham

School of Biosciences

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Loughborough

LE12 5RD

Tel: +44 (0) 115 951 8202

Fax: +44 (0) 115 951 8201

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,

Dr. Helen M. West
Associate Professor

slc

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 Bonington
Campus,
Loughborough, Leicestershire, LE12 5RD
Tel. +44 (0) 115 9516268
Fax. +44 (0) 115 9516261

② Budget
break up

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 & Brazil. 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 Jawani in collaboration with Professor Debendra Chandra Baruah and his team (Tezpur University) (EP/I00361/1 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

TEZPUR UNIVERSITY
Inter office Memo

No... 321 ...
Recd... 03.03.2017

Received by


9

From: Prof. D.C. Baruah, PI Department of Energy	To: 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 n/a
06/3/2017

Serial No... 557
Date of Receipt... 28.04.2017
File No...
Received by...

17

Date: 28.4.2017

To
Dean, R & D
Tezpur 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.

Forwarded
M.
28/04/2017
HOD, Energy

(D C Baruah)

Department of Energy

AR
For MIA
28/4/2017

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):
(Collaborating Institute)**

Dr. Asifa Qureshi,
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).

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 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

(Signature)

- 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

S No	Position (No)	Consolidated Emolument	1 st Year	2 nd Year	3 rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S No	Position (No)	Consolidated Emolument	1 st Year	2 nd Year	3 rd year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S No	Position (No)	Consolidated Emolument	1 st Year	2 nd Year	3 rd 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

2.6.4. National Environmental Engineering Research Institute, Nagpur (₹ in lakhs)

S No	Position (No)	Consolidated Emolument	1 st Year	2 nd Year	3 rd 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	1 st Year	2 nd Year	3 rd 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

Heads	1 st Year	2 nd Year	3 rd 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.....^{Sae-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 Upadhyay 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.

ADD. 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.

Vanilab
(Dr. Vaishali Panjabi)
Scientist 'E'

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. Uddhavesb 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:** **Dr. Ramesh Ch. Deka**
(Parent Institute) Professor
Dept. of Chemical Science
Tezpur University,
Napaam, Tezpur -784028 Assam
- 2.2.2. Co-PI Name:** **Dr. Suvendra Kumar Ray**
(Parent Institute) Associate Professor
Dept. of Molecular Biology & Biotechnology
Tezpur University,
Napaam, Tezpur -784028 Assam
- 2.2.3 Principal Investigator:** **Dr. Uddhavesb Bhaskar Sonavane**
(Collaborating Institute) 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

S. No.	Position (No.)	Consolidated Emolument	₹ in lakhs			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

S. No.	Position (No.)	Consolidated Emolument	₹ in lakhs			
			1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 30 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 30 % HRA for 3 rd 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

Heads	₹ in lakhs			
	1 st Year	2 nd Year	3 rd 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

2.7.2 Centre for Development of Advanced Computing, Pune
(₹ in lakhs)

Heads	1 st Year	2 nd Year	3 rd 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.

N/

- 2.9.2 In the project review meetings, both the PI's from NER & Rol 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.....⁵³⁸⁻⁵³⁹ 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

65688960, 26588895
: 011-6868662

20 Dean, R & D
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for ma pl.

(4)

GRAM : SCIENTIFIC

22/2/17

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

Registrar
Tezpur University
Tezpur
784 028(Assam).

Sanction of Budget allotment for the ICMR Ad-hoc Project entitled, "Smartphone based optical microscope for clinical applications" under Dr.Pabitra Nath, Tezpur University.

Assam

The Director General of the Council sanctions the above mentioned project initially for a period of one year i.e. from 1st March 2017 to 28th Feb 2018 subject to extension up-to total duration as mentioned in para (3) below.

The Director General of the ICMR also sanctions the budget allotment of Rs.19,79,750/- (nineteen lakh seventy nine thousand seven hundred fifty only) as detailed in the attached budget statement 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 current year budget of Rs. 19,79,750/-The payment of the grant will be made in two installments in the name of Head of the Institute through RTGS BANK ACCOUNT NUMBER: 30448821505, IFSC 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.

Arunjeet
23/2/2017

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



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.



- 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

Sl. No.	Position (No)	Consolidated Emolument	(₹ in lakhs)			Total
			1 st Year	2 nd Year	3 rd Year	
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr ; SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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

Sl. No.	Position (No)	Consolidated Emolument	(₹ in lakhs)			Total
			1 st Year	2 nd Year	3 rd Year	
1.	JRF/SRF (1)	JRF @ ₹ 25,000/- + 20 % HRA for the 1 st & 2 nd yr & SRF @ ₹ 28,000/- + 20 % HRA for 3 rd 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

Heads	(₹ in lakhs)			
	1 st Year	2 nd Year	3 rd 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

2.7.2 Sardar Swaran Singh National Institute of Renewable Energy, Jalandhar
(₹ in lakhs)

Heads	1 st Year	2 nd Year	3 rd 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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- 2.9.3 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. 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 MS 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. Eeshan Kalita, Assistant Professor, Dept. of Molecular Biology & Biotechnology, Tezpur University, Napaam-784028, Assam
8. The Director, Sardar Swaran Singh National Institute of Bio-Energy, 12th km stone, Jhalandhar-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, Jhalandhar-Kapurthala Road, Wadala Kalan, Kapurthala-144601, Jhalandhar, Punjab.
10. Concern file.
11. The Managing Director, Biotech Consortium India Limited, (NER-BPMC), 5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhayay Marg, New Delhi- 110002.



(Dr. T Madhan Mohan)
Adviser, DBT

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'	<i>Total (Non-Recurring)</i>	<i>300000</i>
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1436000
2	Recurring - B : (Overhead Charges)	173600
B'	<i>Total (Recurring)</i>	<i>1609600</i>
C	Total cost of the project (A' + B')	1909600

- 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.
- The expenditure involved is debit to **Fund for Science & Engineering Research (FSER)**
 This release is being made under **Early Career Research Award. (EC Engineering Sciences)**
- 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**
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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. 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. Nirjuli Papumpare Arunachal Pradesh Nirjuli Arunachal Pradesh 791109
IFSC/RTGS Code	SBIN0009535

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 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/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.

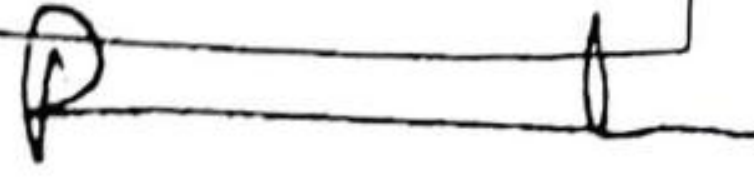
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

rediffmail

Welcome to Rediffmail

Mailbox of santanumaity_4u

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

18/2017

The Electronic Project Proposal Management System, For SERB

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 Electrophoresis 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

- 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.
- 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)
- 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
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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. 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.

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

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.

Office of the Registrar

Receipt No. 3453
Date 28/8/19
Received by [Signature]

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

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*** 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	

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

- Prediction of possible drug ligands by different computational techniques (Docking, QSAR, ADMET)

Indian Institute Of Advanced Research, Gandhinagar

- Cloning of LdADSL gene and recombinant protein expression
- Generation of mutants (Mutations will be planned based on in-silico analysis)
- Biophysical characterization of the proteins and mutants using techniques like CD spectroscopy, Fluorescence spectroscopy, Gel permeation chromatography, etc
- Activity studies of native and mutant proteins using enzyme kinetic assays
- 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

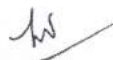
		(₹ in lakhs)
Sl. No.	Description of equipment	Grant Recommended
1.	Fluorescence spectrophotometer	10.00
Total		10.00

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	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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	1 st Year	2 nd Year	3 rd Year	Total
1.	JRF/SRF(1)	JRF @ ₹ 25,000/- + 10 % HRA for the 1 st & 2 nd yr SRF @ ₹ 28,000/- + 10 % HRA for 3 rd 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	1 st Year	2 nd Year	3 rd 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

W

2.7.2 Indian Institute Of Advanced Research, Gandhinagar

(₹ in lakhs)

Heads	1 st Year	2 nd Year	3 rd 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:

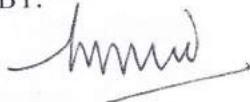
2.9.1 Both NER & Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

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 Upadhyay 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.

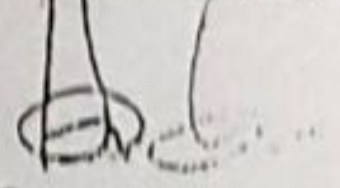
Sir,

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)

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 University 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 dated 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 Lakh only) as first installment for the up-gradation of Laboratory and Library facilities at Department 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 Expenditure the Letter head of Chartered Accountant. This is also to convey that the upper ceiling for books 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 upgrading their Lab and Library facilities is to empower the educational institutions to provide quality education in renewable energy area with adequate practical exposure to the students. The grant-in-aid will be used for:-

- i) Procuring the Lab equipment to cater the requirement of practical at under graduate and post graduate level.
- ii) Procurement of books, software for system design, impact assessment and simulation other teaching aid such as a cut models/ working models.
- iii) Remodeling /refinishing the existing laboratory to facilitate installation and commissioning of new equipment in the laboratory.

3 The amount of Rs.30,00,000/- (Rupees Thirty Lakh only) will be drawn by the Department of MNRE from the P&AO, MNRE and disbursed to the Registrar Tezpur University Napaam, Assam, as per Bank details given over leaf:-

Cont

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.

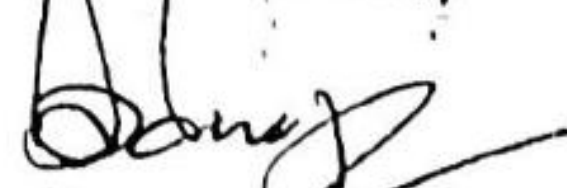
5. The Grantee Organization is a Government Educational Institute and is exempted from submitting the Indemnity Bond and they will submit the UC in GFR 19-A for Rs.30,00,000/- (Rupees Thirty Lakh only) along with the audited Statement of Expenditure on Chartered Accountant Letter Head to obtain the remaining 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)



भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

डी. रामलिंगस्वामी भवन, अन्वारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
A. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

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

Dated: 2/2/2017

To
The Dean
Research & Development
Tezpur University
Tezpur-784028

Subject: "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Sashi Baruah, Tezpur University, Tezpur.

Sir/Madam,

In partial modification of this office letter of even number dated 5/12/16 the Director-General of the Council sanctions the above mentioned research scheme initially for a period of **one year** from **15. 2.17 to 14. 2.2018** subject to extension up to the total duration specified in para 3 (3) below.

The Director-General of the Council also sanctions the budget allotment of **Rs. 25,45,946 /- (Rupees Twenty Five lakh Fourty Five thousand Nine hundred and Fourty Six:)** as detailed in the attached statement the period ending 14. 2.2018

The grant-in-aid will be give subject to the following conditions:-

The payment of the grant will be made in lump-sum to the head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed Performa attached.

The staff appointed on the project should be paid as indicated in the budget statement attached.

The approved duration of the scheme is **Three years**. The annual extension will be given after review of the work done on the scheme during the previous year.

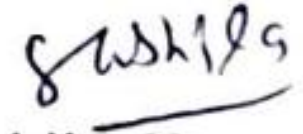
A report on the progress made will be submitted to the Council as and when called for.

The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant

The other terms and conditions are indicated in Annexure -I (please see terms & condition in the ICMR website)

The receipt of the letter may please be acknowledged.

Yours faithfully


(Sushila Kargaonkar)
Sr. Administrative Officer
For Director-General

Copy to: 1. Dr. Shashi Baruah, Professor, Deptt. of Molecular Biology and Biotechnology, Tezpur University Napaam, Tezpur-784028.
2. Account Section-V
3. Finance Section vide RFC No. NCD/NER/2/2016-17 dated 28.9.2016.
4. IRIS Code Number (2014-2705).
5. Sr. AO.
6. Dr. Geeta Menon, Scientist 'D'.

/
For Director General

File
Aurjeo
23/2/2017

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

Title of the Project: "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation in head and Neck Squamous cell carcinoma under Dr. Shashi Baruah, Tezpur Unviersity, Tezpur.

Budget statement for the year 2016-2017
From (15- 2-2017) to 14- 2-2018)

S. No.	Staff	1 st yrs.
1	SRF 28,000+HRA(20%)	4,03,200
2.	Recurring	
	DNA extraction kits (300 samples)	45,000
	For Real Time PCR RNA extraction kit (40 rxns) 26000x4 Cdna synthesis kit 58,971/- RT-PCR assays, AODs For gene expression	2,50,000
	<u>IHC/IF and Western Blot</u> <u>Assays</u> Kits, Antibodies, Reagents and consumables	2,00,000
	<u>Cell culture</u> Cell culture plastic ware, reagents	1,00,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	2,60,000
	Total	12,58,200
	Overhead charges 3%	37,746
		50,000
3.	Travel	
4.	Non-recurring grant	
1.	Gradient PCR	6,60,000
2.	UV Tran illuminator	1,50,000
3.	Vertical gel caster & power supply	1,65,000
4.	Semi-dry transfer apparatus	2,25,000
	Total	25,45,946

(Rupees Twenty Five lakh Forty Five thousand Nine hundred and Forty Six) only.

DOS: 15. 2.2017
Duration : 3 years

TERMS AND CONDITION OF THE GRANT

- i) Approval of the research proposal and the grant being released is for the specific project sanctioned and should be exclusively spent on this project within the stipulated time.
- ii) Expenditure should be on no account exceed the budget sanctioned for the enquiry. Expenditure incurred over the above the sanctioned amounts against one or more sub-heads of expenditure such as pay, allowances, contingencies etc, shall be met without reference to the ICMR, by re-appropriation of savings under remaining sub-heads provided by re-appropriation of incurred during the financial year is within the over all sanctioned ceiling of that year.
- iii) No expenditure shall be incurred on items not sanctioned by the Council. Savings should also not be re-appropriated for meeting or incurring expenditure on staff that has not been sanctioned by the council.
- iv) The grant paid by the Council shall be refunded in full by the Institution if and when the grantee concerned discontinues a scheme midway or does not follow the detailed technical programme laid down and approved.
- v) Receipts realised by the project officer and the sale proceeds, if any, will be remitted to the Council as miscellaneous receipts and should not be utilized for meeting expenditure on the scheme.
- vi) All facilities for the conduct of the research scheme basic equipment and other ordinary laboratory chemicals, glass ware, furniture and other help as may be required for the smooth working of the scheme shall be provided by the institute.

Staff :-

- vii) The staff employed on the research scheme will not be treated as employees of the Council and the deployment of such staff at the time of completion or termination of the project will not be the concern/responsibility of the Council. They will be subjected to administrative control of the Institution and will be appointed generally in accordance with the normal recruitment rules and procedure of the Institute.
- viii) The Council will not be liable to bear any expenditure on pension/provident fund contribution and/or leave salary contribution incurred and committed by the grantee Institution for persons appointed on deputation from another organizations.

viii (A) An undertaking on part-I (specimen attached) (Appendix 'A') to be obtained

No grant will be released unless the undertaking is received by us sufficiently in advance to consider any release.

* undertaking

Release of funds

- ix) The first installment of the grant will be paid as soon as a report regarding the commencement of the project and appointment of staff is received by the Council. The Demand for payment of subsequent installments of the grant should be placed with the Council in the prescribed form (Appendix 'B').
- x) The institute will maintain separate audited account for this project. If it is found expeditious. Keeps a part of whole of the grant in a bank account earning interest, the interest thus earned should be reported to the Council. The interest thus earned will be treated as a credit to be adjusted towards further installment of the grant.
- xi) The accounts will be subject to audit by the authorized auditor of the Institutions. In case, facilities are not available for such auditing, the account will be audited by the Council's own internal auditors. Latest by the end of December, following the financial year for which the grant is paid, an audit certificate from the auditors to the effect that "the accounts have been audited and that the money was actually spent on the objects for which it was sanctioned" shall be submitted to the Council.
- xii) Further grants will be stopped unless audited statements of accounts, utilization certificates are received within a period of one year after the end of the financial year for which grant was sanctioned.

Stores:

- xiii) All expendable and non-expendable articles required for work of the enquiry should be purchased in accordance with the procedure in vogue in the institution. For permanent and semi-permanent assets acquired solely or mainly out of the grant, a separate audited record in the form of register in the prescribed Form enclosed shall be maintained by the Institute. The term "assets means (i) immovable property and (ii) movable property of capital nature where the value exceeds Rs. 1,000/-. Separate assets registers for items costing Rs. 20,000/- or more and less than Rs. 20,000/- each item may be maintained. (Appendix "C").

been sanctioned.

Publications

The financial assistance rendered by the council should be acknowledged in any published account of work for which the grant is given.

The council publishes own journal "Indian Journal of (B) Medical research", in case, it is proposed to publish the papers based on the work done under the auspices of the Council in Journals other than the IJMR, the name of the journal in which it is proposed to publish the paper may please be intimated. A reprint of paper when published may please be sent to the Council for information and record.

Prior permission of the Council should be obtained before publication of any such papers in a foreign journal.

Patents

The Council shall have the right to make out patents in respect of inventions/discoveries made under a scheme/project financed by the council. The officer-in-charge or the staff employed on ICMR Schemes shall not apply or obtain patents for any invention/discovery made by them without prior approval of the council.

All patents will be registered with NDRC in the name of the Indian Council of Medical Research.

Termination of Enquiry:

Prior permission of the Council should be obtained if the investigator desires to discontinue the enquiry. The reasons for discontinuing the scheme should invariably be stated. The investigator should submit a complete and detailed report of the work done by him on the project till the date of relief.

Any unspent balance out of the funds given to the institute shall be refunded to the ICMR on termination of the scheme.

A final report is required to be submitted within one month from the date of termination of the enquiry.

A list (in duplicate) of non-expendable and expendable articles together with property registers and suggestions for disposal of the articles should be sent to the Council within a month from the date of termination of the enquiry.

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भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No 5/13/12/2015-NCD-III (E-office - 70553)

Dated: 28/05/2018

To,

Dr. Shashi Baruah,
Professor Deptt. Of Molecular Biology
and Biotechnology, Tezpur University,
Napaam Tezpur

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Biotechnology Tezpur University, Napaam Tezpur

Madam,

The Director- General, ICMR sanctions the **Continuation** of the above project for **2nd year** w.e.f 15.02.2018 to 14.02.2019 with budget amounting to **Rs. 13,29,110/- (Rupees thirteen lakh twenty nine thousand one hundred ten only)** copy of budget enclosed.

It is requested that the Statement Accounts alongwith Utilization Certificate may be sent to this office urgently. Further grant will be release only after receipt of the same.

The other terms and conditions will remain the same as mentioned in this office letter of even number dated 02.02.2017.

Yours faithfully

(Sushila Kargaonkar)
Sr. Admin. Officer
For Director- General

Copy to:-

1. The Dean, Research & Development, Tezpur university , Tezpur-784028
2. Accounts- V RFC No. NCD/NER/2/2016-17 dated 28.09.2016
3. IRIS Code Number (2014-2705)
4. Sr.AO
5. Mr. Hemant , Sr. TO,ICMR

Sushila

For Director- General

✓ Original - File.
Copy - Prof. S. Baruah, Dept. JMBST
Shashi Baruah
07/12/18

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Biotechnology Tezpur University, Napaam Tezpur

Budget
w.e.f. 15.02.2018 to 14.02.2019

S.No	Staff	2 nd Year
1.	SRF 28,000+HRA (20%)	4,03,200
2.	Recurring	
	DNA extraction kits (300 samples)	45,000
	For Real Time PCR RNA extraction kit (40 rxns) 26000x4 Cdna sysntesis kit 58,971/- RT-PCR assays, AODs For gene expression	2,20,000
	IHC/ IF and Western Blot Assays Kits, Antibodies, Regents and consumables	2,00,000
	Cell culture Cell culture plastic ware, reagents	2,00,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	1,50,000
	Total	12,18,200
	Overhead charges 5%	60,910
		50,000
3.	Travel	13,29,110
	Total	

(Rupees thirteen lakh twenty nine thousand one hundred ten only)

Duration- 3 year

D.O.S. 15.02.2017



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
Serving the nation since 1911

भारतीय आयुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

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

No 5/13/12/2015-NCD-III (E-office – 70553)

Dated: 14/10/2019

To,

Dr. Shashi Baruah,
Professor Deptt. Of Molecular Biology
and Biotechnology, Tezpur University,
Napaam Tezpur

Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Biotechnology Tezpur University, Napaam Tezpur

Madam,

The 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, Tezpur 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

[Signature]

For Director- General

Tel: +91-11-26588895 / 26588980 / 26589794
+91-11-26589336 / 26588707
Fax: +91-11-26588662 | icmr.nic.in

वी. रामलिंगस्वामी भवन, पोस्ट बॉक्स नं. 4911,
अंसारी नगर, नई दिल्ली - 110 029, भारत
V. Ramalingaswami Bhawan, P.O. Box No. 4911,
Ansari Nagar, New Delhi - 110 029, India


Subject: Ad-hoc Project entitled "Polymorphisms of Toll like and Nod like receptors and their role in inflammasome activation head and Neck Squamous cell carcinoma" under Dr. Shashi Baruah, Professor Deptt. Of Molecular Biology and Biotechnology Tezpur University, Napaam Tezpur

Budget for the year 2019-2020
w.e.f. 15.02.2019 to 14.02.2020

S.No	Staff	3 rd Year
1.	SRF 35,000+HRA (20%)=Rs.40,600/-	4,87,200
2.	Recurring	
	For Real Time PCR	1,00,000
	RNA extraction kit (40 rxns) 26000x4,Cdna sysntesis kit 58,971/- RT-PCR assays, AODs For gene expression	
	IHC/ IF and Western Blot Assays	1,00,000
	Kits, Antibodies, Regents and consumables	
	Cell culture, Cell culture plastic ware, reagents	1,25,000
	Primers, Plastic wares, Software, general Lab chemical Service charges	1,05,000
	Total	9,17,200
	Overhead charges 5%	45860
		50,000
3.	Travel	10,13,060
	Total	

(Rupees ten lakh thirteen thousand sixty only)

Duration 3 years
Dated of Start 1502.2017


(Ishwar Likhar)
Admin. Officer
For Director- General



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

The details of the project are given in the project document in Annexure I. The head-wise and year-wise budget (both consolidated and for each partner) are given in the Annexures II to VII.

The Sanction will be subject to the following conditions:

1. The Principal Investigator (PI) and the Lead Centre will have the overall responsibility of carrying out the work shown in the project as given in Annexure I. Each Cooperating Centre Principal Investigator (CCPI) and the Cooperating Centre will have the responsibility for work assigned to the Centre under the project by the competent authority of NASF and the centre will fully cooperate with the Lead Centre and the NASF authorities.
2. All the Centres and the scientists will follow the rules and regulations of the ICAR set for the operation of the projects sanctioned under NASF.

3. Financial and Procurement

- i. Funds will be released by the Secretariat of the NASF directly to the institutions of the PI (Lead Centre) and to the institutions of the CCPIs (Cooperating Centre).
- ii. The Lead Centre and each of the Cooperating Centre will submit to the ADG (NASF) head-wise Utilization Certificate (UC) in the prescribed format duly verified by the concerned Finance Officer(s) twice every financial year: the first will be the UC for the immediate preceding financial year ending 31st March and will be submitted by the 15th of April and the second a six-monthly UC for the period from 1st April to 30th September of the year by the 15th of October. Each Cooperating Centre will submit a copy each of the aforesaid UCs to the PI.
- iii. For facilitating smooth and speedy implementation of the activities envisaged under the sanctioned project, the PI and the CCPI from each Cooperating Centre will exercise powers for executing the project to the extent of sanctioned funds of his/her respective component of the project as given in Annexure VIII.
- iv. The Heads of the Lead Centre and the Cooperating Centre(s) will ensure that the project runs in an efficient manner, provide laboratory space, salary, logistic facilities and services required for the same and monitor its progress on a regular basis.
- v. **The expenditure will be made only on the approved items.** The amount sanctioned under each head/subhead is the maximum budgetary limit for that item but the actual expenditure will not exceed the amount actually released by the ADG under the head for the period concerned. In case of public organizations the expenditure under any head shall be made by the Lead or Cooperating centre in accordance with their own institutional prescribed rules/ norms. However, in cases of conducting workshops, meetings, and cost of Advisory Committee meetings norms and rules enclosed as Annexure IX should be followed. **Any re-appropriation from one head to another is not permissible.** All institutions including those belonging to the ICAR will maintain a separate ledger for the project. In case of private and non-governmental organizations the expenditure will be made in accordance with ICAR/NASF rules. In case any guidance is required in this matter, the Lead or Co-operating centre should take the guidance of the Finance and Accounts Officer of the nearest ICAR institutes with information to the ADG, NASF.
- vi. There will be **no revalidation of unspent funds released for recurring expenditure** from one financial year to the next financial year. For funds released for non-recurring expenditure such revalidation will be allowed in exceptional cases. Funds revalidated once will not be revalidated for the second time.

- vii. Accrual accounting system has to be followed for the funds of the project without any exception. The reporting of annual accounts will also be in accordance with the accrual accounting system.
- viii. At the end of each financial year, a Utilization Certificate will be submitted by the designated Finance Officer/F&AO/Comptroller of the Lead and each Cooperating Centre by 15th April indicating the head wise expenditure incurred in the previous year and resultant unspent balances/savings. Only on the receipt of UC, any funds will be released for the next financial year after adjusting for the savings from the previous financial year. Each of the Lead and the Cooperating Centre will submit an Audited Utilization Certificate (AUC) for the previous financial year by the 30th September of each year in the prescribed proformas. The Central Government/State Government Institutes will get the certificate from the CAG/State AG. The Universities (General and Agricultural) and the non-ICAR institutes will have the option to get the certificate from their statutory auditors or from a Chartered Accountant empanelled by ICAR (Please see the website <http://www.icar.org.in/nfbsfara/index.html> for the list of empaneled chartered accountants and their remunerations). The private and NGO institutions will get the certificate from a Chartered Account empanelled as given in the above website. The cost of hiring the Chartered Accountants will be met out of the institutional charges. In case it is not sufficient operational cost budget may be used with the permission of ADG, NASF.
- ix. Only after the receipt of the AUC and the half yearly UC any funds for the second half of a financial year will be released.
- x. The salaries of the RAs and SRFs will be according to ICAR norms prevalent during the period of appointment (copy of the current norms in vogue is enclosed as **Annexure X**). Adequate transparent and competitive procedure should be adopted for the selection of the contractual staff.
- xi. The ICAR will have no liability, whatsoever, for the SRFs and RAs or any other staff employed under the Project on contractual basis during and after expiry of the project term.
- xii. Institutional charges will be available to the Institution concerned for meeting expenditure on overheads, institutional services, monitoring, reporting, and audit which are required by the Lead or Cooperating Centres to support the project. Expenditure under this item should be properly accounted for.
- xiii. Funds for every year will be released after the submission of UC and on the basis of demands for funds, scientific/technical reports, submission of data and recommendations of the PI and the ADG regarding the satisfactory achievement of research targets set for the period. The UC should be submitted head wise duly verified by competent finance officer of the institution concerned indicating head wise closing/unspent balances.
- xiv. Submission of research publication, data management and cost of publication need to be as per ICAR guidelines.

Monitoring:

- (i) This sanction letter, and the research project (as given in **Annexure I**) approved by the EC will be treated as a Work Programme Agreement between the ICAR and the Lead and the Cooperating Centres.

- (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/Directors. 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 improvement in the project.

- (iii) The PI will submit to the ADG an Annual Report for the previous year (ending 31st March) by April of every year in a prescribed Proforma(s).
- (iv) The PI and the CCPIs may be called to present their progress before the EC or in a Workshop organized by the NASF whenever required.
- (v) A final report of the project will be submitted to the ADG within 30 days of the closure of the project with all technical and financial details. This deadline will be strictly followed.
- (vi) The ADG or his representative will visit the project institutions as and when required.


5. Intellectual Property Rights:

- (i) The rights on any intellectual property shall be vested in the ICAR, who shall be the absolute and full owner.
- (ii) The sharing of income from Intellectual Property Rights (IPR) from the project would be in accordance with the proportion/percentage given below:
- (a) Share of ICAR: 60%
- (b) Share of Project Participating Institutions: 40%. Out of this 40%, the share of major/inventing partner(s) will be 50% and the rest 50% shall be shared equally among other partner(s) if any.
- (iii) The intellectual properties may be licensed against a fee (premium) which may be in a lump sum or with royalty for a fixed/defined period of time.
- (iv) The intellectual properties to be licensed on exclusive basis or non-exclusive basis will be decided by the ICAR depending upon the welfare/gains considerations or public consideration or public welfare embedded in the intellectual properties.

- (v) Whereas a minimum price for the intellectual properties is to be evaluated, it may not be rigidly adhered to; and the offers made by different parties shall be given due consideration in consultation with the Empowered Committee on the basis of recommendations of ICAR. The spirit behind this should be to commercialize the intellectual properties in the best interest of the investment.
- (vi) If one or more of the partners (i.e., the Lead or Cooperating Centre) of the Project is (are) interested to commercialize the intellectual properties, it may be given preference over other parties at mutually agreed terms and conditions between the interested partner and the ICAR.
- (vii) The ICAR will hold the right to use the intellectual property for non-commercial purposes in public interest.
- (viii) The services of the inventor(s) rendered subsequent to the transfer of intellectual property may entail earning of charges/fees etc., distribution of which will be as per the clause stated in para 4(ii) above.
- (ix) It will not be incumbent upon the ICAR to protect every Intellectual Property (IP) generated from the Project. On refusal by the ICAR to own the IP, the inventor(s) shall be free to protect it at their own cost provided ICAR has no objection to it in public interest.
6. The PI and the CCPI will not be removed/ transferred from the project without the prior consent of the Empowered Committee of the NASF.
- 7 The decision of the Empowered Committee of the NASF will be final in all matters of the project.

Receipt of this letter may please be acknowledged. The PI is requested to make copies of the sanction letter along with all the Annexures and distribute the same to the CCPI(s) and the heads of the Lead and Cooperating Centres.

Yours faithfully,


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



भारतीय कृषि अनुसंधान परिषद
Indian Council of Agricultural Research
राष्ट्रीय कृषि विज्ञान कोष
National Agricultural Science Fund

कृषि अनुसंधान भवन- 1, पूसा नई दिल्ली-110012
Krishi Anusandhan Bhavan-I, Pusa New Delhi - 110 012

F. No. 3(498)/NFBSFARA/FIN/2010

दिनांक: 06.03.2017

F. T. Advice No. 426
Voucher No. 390

NFBSFARA

सेवा में,
शाखा प्रबंधक,
सिंडीकेट बैंक, पूसा,
भारतीय कृषि अनुसंधान संस्थान, कैम्पस, नई दिल्ली -12



विषय- धन के हस्तांतरण के लिए मांग
महोदय,

आपको एतद्वारा नीचे दिए गए विवरण के अनुसार फंड ट्रांसफर करने के लिए अनुरोध किया जाता है।

DEBIT

क्र. सं.	विवरण	IFSC Code	बैंक खाता सं.	बैंक नाम/शाखा	राशि
1	राष्ट्रीय समन्वयक, NFBSFARA	SYNB0009029	90293050000036	Pusa Campus, New Delhi	4,13,875/-

CREDIT

क्र. सं.	विवरण	IFSC Code	बैंक खाता सं.	बैंक नाम/शाखा	राशि
1	Tezpur University, Assam	SBIN0000195	30448821505	Assam	4,13,875/-

यह एतद्वारा प्रमाणित किया जाता है। कि यह फंड ट्रांसफर सरकारी प्रयोजन के लिए हैं

आइसीआर की इकाई-रा.कृ.वि.को. के लिए
For ICAR Unit-NASF
अधिकृत हस्ताक्षरी
Authorized Signatory

कॉपी:

Dr. Satya Sundar Bhattacharya, Assistant Professor Dept. of Environmental Science,
Tezpur University (A Central University) Sonitpur-784028 Assam..... "Elucidating the
mechanism and assessing amelioration potential of *Ocimum* and *Lucas* in stress-induced
impaired homeostasis on growth and reproduction in Zebrafish"

F. No. NASF/ABA-6018/2016-17

o/c

29

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
NATIONAL AGRICULTURAL SCIENCE FUND (NASF)
Room # 707, KAB-I, New Delhi-110012

F. No. NASF/ABA-6018/2016-17

Dated: 06.03.2017

- Sub: Authorization for release of funds for the financial year 2016-17
The following release of funds has been approved for the NASF as per details given below: -
1. Name of the Project/Programme/Activity: "Elucidating the mechanism and assessing amelioration potential of *Ocimum* and *Lucas* in stress-induced impaired homeostasis on growth and reproduction in Zebrafish"
 2. Reference of Sanction letter: Letter No. NASF/ABA-6018/2016-17
 3. Name of the Lead Centre: **Visva-Bharati University, West Bengal**
 4. Name of the Cooperating centre(s): **Tezpur University, Assam**
 5. Scheme Code: NASF
 6. Total sanctioned amount for the project: **Rs. 179.31050 lakhs**
 7. Total sanctioned amount for the project for the current financial year 2016-17: **Rs. 15.42775 lakhs**
 8. Total sanctioned amount for **Tezpur University, Assam**: **Rs. 46.57230 lakh**
 9. Total sanctioned amount for **Tezpur University, Assam** for current financial year 2016-17: **Rs. 4.13875 lakh**
 10. Amount now authorized for payment: **Rs. 4.13875 lakhs**
 11. Audit Utilization Certificate received up to (date): NA
 12. Grant to be released in favour of: **The Registrar, Tezpur University, Assam-784028**
 13. Release under NEH/TSP/Other than NEH: **Under NEH region**
 14. The breakup of amount now authorized for payment is given overleaf in Table 1 (p2/3):

IFSc code:SBIN0000195, A/C no.: 30448821505, State Bank of India, Main Branch, Tezpur Road, Tezpur, Sonitpur, Assam-784001

(P.K. Agrawal)
ADG (NASF)

Section Diary
Section File No.

Date:
Sl. No. of App. Ledger

Budget Allocation checked and found correct. Submitted and Budget Allocation Register and Remittance Register.

F&AO

Pay Rs. (In words) _____

Finance & Accounts Officer

Paid by Cheque No. _____

Date: _____

Cash Book Voucher No. _____

Date: _____

Page 1 of 3

S. No.	Item	(Rs. in Lakhs)		
		Sanctioned Budget for 2016-17 (Mar. 2017)	Proposed release 2016-17	Net Release for 2016-17
I. Non-recurring				
Civil Works				
1.	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.)	0.00000	0.00000	0.00000
	b. New structures for experimental facilities and for special housing for new equipment	0.00000	0.00000	0.00000
	Total (a+b)	0.00000	0.00000	0.00000
Goods & Equipment				
2.	a. Equipment, Plant & Machinery, Technology to be purchased	0.70000	0.70000	0.70000
	b. Animals	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000
	d. Computer hardware & software (costing more than Rs. 5000) related specifically to the project	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases (non-bibliographical) etc.	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	0.70000	0.70000	0.70000
Capacity Building				
3.	a. Attending Workshops/Seminars/ Exposure Visits			
	i. Abroad	0.00000	0.00000	0.00000
	i. India	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	0.00000	0.00000	0.00000
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000
	Total (a+b)	0.00000	0.00000	0.00000
	Sub Total (1+2+3)	0.70000	0.70000	0.70000
II Recurring Cost				
	1. TA/DA	0.00000	0.00000	0.00000
	2. Review Workshop/Meetings	0.00000	0.00000	0.00000
	3. Contractual Staff	0.27500	0.27500	0.27500
	4. Operational Contingencies			
	i. Laboratory purpose	3.00000	3.00000	3.00000
	a. Chemicals, glassware, raw material, pots etc.	0.00000	0.00000	0.00000
	b. Unskilled/semi skilled labour	0.00000	0.00000	0.00000
	c. Outsourcing of lab work	0.00000	0.00000	0.00000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000
	e. Computer stationery		0.00000	0.00000
	ii. Field purpose	0.00000	0.00000	0.00000
	a. Small field equipment khurpi, pots, seed, etc.	0.00000	0.00000	0.00000
	b. Semiskilled/unskilled labour	0.00000	0.00000	0.00000
	c. Feed and Medicine/Running cost	0.00000	0.00000	0.00000
	d. Small repairs of farm machinery	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys	0.00000	0.00000	0.00000
	iv. Miscellaneous urgent purchases	0.00000	0.00000	0.00000
	v. Small animals: rabbit, mice etc.	0.00000	3.00000	3.00000
	vi. Phone/ fax cost	3.00000	3.27500	3.27500
	Sub-Total (i+ii+iii+iv+v+vi)	3.27500	0.16375	0.16375
	Sub-Total (1+2+3+4)	0.16375	4.13875	4.13875
	Sub-Total (1+2+3+4)	4.13875	4.13875	4.13875
III Institutional Charges				
TOTAL COST (I+II+III)				

Table-2: Centre-wise budget for the year 2016-17

S. No.	Item	(Rs. in Lakh)		
		VB, University, WB	Tezpur University, Assam	Total
	II. Non-recurring			
1.	Civil Works			
	a. Renovation of labs/experimental facilities including laboratory furniture like analysis bench, fume hood etc.	0.00000	0.00000	0.00000
	b. New structures for experimental facilities	0.00000	0.00000	0.00000
	Total (a+b)	0.00000	0.00000	0.00000
2.	Goods & Equipment			
	a. Equipment, Plant & Machinery, Technology	2.50000	0.70000	3.20000
	b. Animals	0.00000	0.00000	0.00000
	c. Furniture & Fixtures	0.00000	0.00000	0.00000
	d. Computer hardware & software related to the project	0.00000	0.00000	0.00000
	e. Monographs, Manuals, databases etc.	0.00000	0.00000	0.00000
	f. Miscellaneous	0.00000	0.00000	0.00000
	Total (a+b+c+d+e+f)	2.50000	0.70000	3.20000
3.	Capacity Building			
	a. Attending Workshops/Seminars/ Exposure Visits			
	i. Abroad	0.00000	0.00000	0.00000
	ii. India	0.00000	0.00000	0.00000
	Sub-Total (i+ii)	0.00000	0.00000	0.00000
	b. Organizing Training/workshop-cum-Training	0.00000	0.00000	0.00000
	Total (a+b+c)	0.00000	0.00000	0.00000
	Sub Total (1+2+3)	2.50000	0.70000	3.20000
	II Recurring Cost			
	1. TA/DA	0.00000	0.00000	0.00000
	2. Review Workshop/Meetings	0.00000	0.00000	0.00000
	3. Contractual Staff	0.99000	0.27500	1.26500
	4. Operational Contingencies			
	i. Laboratory purpose			
	a. Chemicals, glassware, raw material, pots etc.	7.00000	3.00000	10.00000
	b. Unskilled/semi skilled labour	0.00000	0.00000	0.00000
	c. Outsourcing of lab work	0.00000	0.00000	0.00000
	d. Small maintenance & repairs of lab equipment	0.00000	0.00000	0.00000
	e. Computer stationery	0.00000	0.00000	0.00000
	ii. Field purpose			
	a) Small field equipment khurpi, pots, seed, etc.	0.00000	0.00000	0.00000
	b) Semiskilled/unskilled labour	0.00000	0.00000	0.00000
	c) Feed and Medicine	0.00000	0.00000	0.00000
	d) Maintenance of greenhouse	0.00000	0.00000	0.00000
	iii. Vehicle hiring for surveys, arranging & attending meetings etc.	0.00000	0.00000	0.00000
	iv. Miscellaneous urgent purchases	0.00000	0.00000	0.00000
	v. Small animals: rabbit, mice etc.	0.00000	0.00000	0.00000
	vi. Phone/ fax cost	7.00000	3.00000	10.00000
	Sub-Total (i+ii+iii+iv+v+vi)	7.99000	3.27500	11.26500
	Sub-Total (1+2+3+4)	0.79900	0.16375	0.96275
	III Institutional Charges	11.28900	4.13875	15.42775
	TOTAL COST (I+II+III)			

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

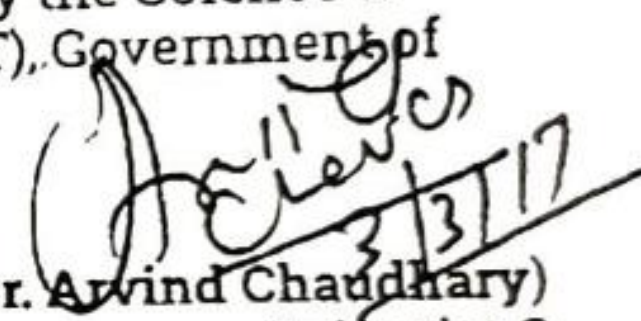
- Sanction of the SERB is also accorded to the payment of
 - Rs. 1500000/- (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and Rs. 100000/- (Rupees One Lakh only) under 'Grants-in-aid General' to Registrar, Tezpur University, Tezpur University, Distt. Sonitpur P.B.No.72 Napaam, Tezpur being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- 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)
- 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
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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.

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

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

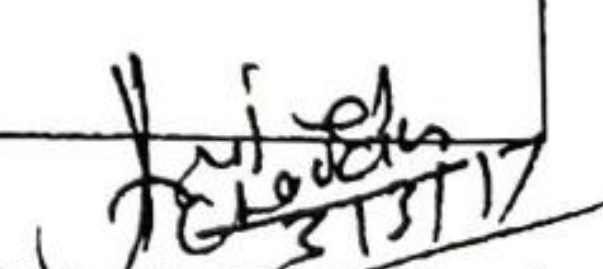
11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the 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.


(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)


(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in

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 Kuri
 New Delhi-110070

ORDER
 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
 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 PB.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)	
B	Recurring Items	3677125
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

- 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 PB.No.72 Napaam, Tezpur being the first installment of the grant for the year 2016-2017 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 Extra Mural Research Funding (Individual Centric). (PAC Inorganic Physical Chemistry)
- The Sanction has been issued to Tezpur University, Distt. Sonitpur PB 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
- 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 head Recurring-A, it should be ensured that not more than Rs. 15 lakh each should be spent for travel 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. 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

The Electronic Project Proposal Management System, For SERB

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.

(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, 111rd 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)

(Dr. Arvind Chaudhary)
Scientist C
ms_ipc@serbonline.in



मौलाना अबुल कलाम आज़ाद एशियाई अध्ययन संस्थान

(संस्कृति मंत्रालय, भारत सरकार के अधीन एक स्वायत्त निकाय)

आई बी १६६, सेक्टर ३, सॉल्ट लेक, कोलकाता ७००१०६

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 फेक्स : (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 ७००१०६

MAULANA ABUL KALAM AZAD INSTITUTE OF ASIAN STUDIES

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मुख्य फ़ैक्स: (033) 2335-6629 / 2335-7629

दूरभाष: (033) 2335-6623 / 6624 / 6625

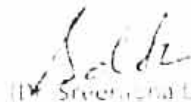
Tele Fax: (033) 2335-6629 / 2335-7629

Phone: (033) 2335-6623 / 6642 / 6624

The terms and conditions are as follows.

1. The publishable manuscript should be made abiding by the norms given in the manuscript writing guidelines being provided along with this letter. The copyright of the manuscript will be retained by MAKAIAS. Kindly note you will need to revise the manuscript as suggested by the review committee.
2. Further delay in the timeline as specified above will result in deduction of RS. 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 sent 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 and book tickets only through Government sponsored travel agents or directly from Government website.
6. Original bills need to be furnished to the Institute even in case of local travel. If authorized vouchers are not treated as valid documents by the Institute. Travel and 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 entitlements specified by Government of India. You are advised to take a clarification from the Institute beforehand regarding your entitlements.
8. Institutional charges will be given at the end of the project.
9. No tips or service charges shall be included in the project cost.
10. Lastly if the review of the final work/manuscript submitted by you for the project is found un-publishable, you will have to refund 50% of the total grant sanctioned to you within 60 days from the letter issued by MAKAIAS to you regarding this.

Please indicate for transfer of the grant the following details as given below. This is an attached undertaking for further necessary action. Thanking You.


(Dr. Sreenidhi Dutta)

Society for Research & Initiatives for
Sustainable Technologies & Institutions

No. BIRAC SRISTI PMU - 2017/006

Date: 11th March 2017

Subject: Sanction Letter of BIRAC SRISTI GYTI Award

To
Mrak Hussain
Deapur 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



Nirmal S Sahay
BIRAC SRISTI PMU



SRISTI
Hostel Campus,
University Library & SBI bank,
Ahmedabad - 380 009



સર્વિસ નોટ બોલ્ડ થાકેલ
પુસ્તક ગ્રાહકોને સુવિકલે પુસ્તકો આપવા
નિયત કરવામાં આવેલ છે.

Ph No. 079-2791 3293, 2791 2792, web: www.sristi.org, Email: info@sristi.org, hr@srishi@sristi.org
"SRISTI" Trust Regd No. F-3538/AHMEDABAD, (BOMBAY PUBLIC TRUST ACT 1951)

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 pmuevti@sristi.org

- 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-1*.
- 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.

- 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.

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

Dated: 14-Mar-2017 *W*

ORDER
 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, 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

- 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.
- 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)**
- 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**
- 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 head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel 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. 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	SBIN000195
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.

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, 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

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.

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.