

:: 3 ::

6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
7. The institute/University shall not charge any overheads on this Project and will provide all the administrative support and **timely release of grant to PI** for completion of the Project.
8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. **The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).**
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:

- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Approved List of Items under Non-recurring grant:

S. No.	Approved Items (As per proposal)	No. of Units	Amount recommended (in Rs.)
A	Non-recurring		
i)	Chemicals for screening enzyme activity analysis glass wares plastic wares molecular biology kits probiotic media chemicals for nano-formulations expenditure involved in characterization of nanoparticles PIGA PEG protein fragments for targeting	1	Rs.1820250/-
ii)	High Performance computer	1	
iii)	Akta Start column purification system	1	
B	Recurring i.e. 50% of total approved recurring grant) for Contingencies & Consumables only		Rs.303375/-
	Grand Total (A) + (B)		Rs.2123625/-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,
GAUHATI UNIVERSITY INSTITUTE OF SCIENCE AND
TECHNOLOGY,
GUWAHATI-781014, ASSAM
2. NAME OF PRINCIPAL INVESTIGATOR,
Dr. DEBABRAT BAISHYA
(BIOTECHNOLOGY)
GAUHATI UNIVERSITY INSTITUTE OF SCIENCE AND TECHNOLOGY,
GUWAHATI-781014, ASSAM
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.
4. GUARD FILE

Amit Kumar Srivastava

(Dr. Amit Kumar Srivastava)
Director (FDC)



Ref: CRS/2021-22/01/395

Date: 30-03-2022

To,
Dr. Debajyoti Mahanta
Gauhati University

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear Dr. Debajyoti Mahanta,

Thank you for submitting CRS project proposal at UGC-DAE CSR. Your proposal was evaluated by the User Committee and it has been approved as:

Research Student (@ ₹14,000/- pm) + HRA=	₹1,68,000/- + HRA
Contingency	₹15,000/-
Consumables	₹30,000/-

If the selected student has M.Sc., with GATE/NET-JRF, then Project Associate-I may be given (@ ₹31,000/- pm)+HRA for which additional prior approval has to be taken from the Centre-Director of respective Centre.

Your Principal Collaborator from UGC-DAE CSR in this project is: **DR. G. S. Okram.**

This project has been approved as per the guidelines/addendum available at our website.

The details of guidelines, addendum and remittance information are available at our website(<https://csr.res.in/>) and User portal(https://csruserportal.com/Crs_information).

Dr. Vasant G. Sathe
Centre-Director, Indore Centre



Ref: CRS/2021-22/01/410

Date: 30-03-2022

To,
Dr. Sonit Kumar Gogoi
Gauhati University

Subject: CRS Project Proposal at UGC-DAE CSR.

Dear Dr. Sonit Kumar Gogoi,

Thank you for submitting CRS project proposal at UGC-DAE CSR. Your proposal was evaluated by the User Committee and it has been approved as:

Research Student (@ ₹14,000/- pm) + HRA=	₹1,68,000/- + HRA
Contingency	₹15,000/-
Consumables	₹30,000/-

If the selected student has M.Sc., with GATE/NET-JRF, then Project Associate-I may be given (@ ₹31,000/- pm)+HRA for which additional prior approval has to be taken from the Centre-Director of respective Centre.

Your Principal Collaborator from UGC-DAE CSR in this project is: **Dr. N. P. Lalla.**

This project has been approved as per the guidelines/addendum available at our website.

The details of guidelines, addendum and remittance information are available at our website(<https://csr.res.in/>) and User portal(https://csruserportal.com/Crs_information).

Dr. Vasant G. Sathe
Centre-Director, Indore Centre

भारत सरकार
Government of India
इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय
Ministry of Electronics & Information Technology
इलेक्ट्रॉनिक्स निकेतन, 6, सी जी ओ कॉम्प्लेक्स, नई दिल्ली-110003
Electronics Niketan, 6, C G O Complex, New Delhi-110003
Website: www.meity.gov.in

संख्या

No.11(1)/2022-HCC(TDIL)-Part(4)

दिनांक

Date 30.03.2022

ADMINISTRATIVE APPROVAL

Subject : Administrative Approval for implementation of the Project 'ISHAAN: A System for Bidirectional Machine Translation Between 1) English and Assamese, Bodo, Manipuri, Nepali 2) Manipuri and Hindi 3) Assamese and Bodo' under the Project titled 'National Language Translation Mission (NLTM) : BHASHINI'.

Implementing Agency: IIT,Bombay – Consortium Leader and Gauhati University, IIIT Hyderabad, IIIT Manipur, NIT Silchar, University of North Bengal as Consortium Members.

The undersigned is directed to refer to this Ministry's letter of No.11(14)/2018-HCC(TDIL) dated 13.10.2021 conveying the Administrative Approval for the implementation of the Project titled 'National Language Translation Mission (NLTM) : BHASHINI' by Digital India Corporation (DIC), C-DAC, R&D Institutions for research through call for proposals and Other Implementing Agencies (To be identified) with the total outlay of the project of Rs. 495.51 Crore (Rupees four hundred ninety-five crore fifty one lakh only) as Grants-in-aid from Ministry of Electronics and Information Technology (MeitY). The duration of the projects is 36 months. The start of the Mission will be the date of the first release of Grant-in-aid. However, disbursement may go beyond the duration of the Mission.

2. Now, the undersigned is directed to convey the Administrative Approval for the implementation of the sub-project namely 'ISHAAN: A System for Bidirectional Machine Translation Between 1) English and Assamese, Bodo, Manipuri, Nepali 2) Manipuri and Hindi 3) Assamese and Bodo' under the Project titled 'National Language Translation Mission (NLTM) : BHASHINI' to be implemented by IIT,Bombay – Consortium Leader and Gauhati University, IIIT Hyderabad, IIIT Manipur, NIT Silchar, University of North Bengal as Consortium Members at the total outlay of the project is Rs.14,89.68.000/- (Rupees fourteen crore eighty-nine lakh sixty-eight hundred only) as Grants-in-aid from Ministry of Electronics and Information Technology (MeitY) for a period of 03 years. The details of the project are at Annexure – I.

3. The standard terms and conditions governing the Grants-in-aid are enclosed at Annexure II.

20/3/22 (P1)
Head
Deptt. of Information Technology
Gauhati University

पञ्जीयक
गुवाहाटी विश्वविद्यालय, गुवाहाटी-१४
Registrar
Gauhati University, Guwahati-14

4. This issues with the approval of Secretary, MeitY vide computer no. 3083436 dated 29.03.2022 and concurrence of Integrated Finance Division, MeitY vide computer no. 3083436 dated 04.02.2022.



(Sandeep Kumar Ambasta)
Deputy Director

Copy to:

1. Pay & Accounts Officer, Pay & Accounts Office. MeitY.
2. Office of Principal Director of Audit, Scientific Department, Shamnath Marg, Civil Lines, Delhi – 110 054.
3. Finance Division. MeitY.
4. DDO, MeitY (two copies).
5. Chief Investigator, Co-Investigators and Head of Implementing Agencies of the Projects.
6. Economic Advisor, MeitY.
7. Shri Vijay Kumar, Scientist 'F', MeitY.
8. Shri Rajeshwar Singh Janwar, Scientist 'E', MeitY.
9. Shri Bharat Gupta, Scientist 'D', MeitY and Sanction File.



(Sandeep Kumar Ambasta)
Deputy Director

20/11/24 (PI)
Dept. of Information Technology
Gauhati University

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment	15.00	1.00	1.00	17.00
Consumable (including Stores)	1.00	1.00	1.00	3.00
Manpower	38.40	42.24	46.08	126.72
Travel & Training	5.00	5.00	5.00	15.00
Contingency	3.00	2.00	2.00	7.00
Cloud and Corpora	7.00	7.00	7.00	21.00
Overhead (8% excl. CapEx)	4.35	4.58	4.89	13.82
Grand Total	73.75	62.82	66.97	203.54

Gauhati University

Rs. in Lakhs

Consolidated Budget for English-Assamese, Assamese-Bodo and English Bodo for Gauhati University

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment (high end GPU server)	44.00	3.00	3.00	50.00
Consumable (including Stores)	4.00	4.00	4.00	12.00
Manpower	132.60	145.86	159.12	437.58
Travel & Training	4.00	4.00	4.00	12.00
Contingency	5.75	5.75	5.25	16.75
Corpora Creation	75.00	0.00	0.00	75.00

০৭/৫/২২
(০৭)

Head of Information Technology
Gauhati University

(Signature)

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

Overhead (8% excl. CapEx)	17.71	12.77	13.79	44.27
Grand Total	283.06	175.38	189.16	647.60

IIIT, Manipur

Rs. in Lakhs

Total Budget for IIIT, Manipur

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment	8.00	1.00	1.00	10.00
Consumable (including Stores)	2.00	2.00	2.00	6.00
Manpower	45.00	49.50	54.00	148.50
Travel & Training	2.00	2.00	2.00	6.00
Contingency	2.00	2.00	2.00	6.00
Corpora Creation	50.00	0.00	0.00	50.00
Overhead (8% excl. CapEx)	8.08	4.44	4.80	17.32
Grand Total	117.08	60.94	65.80	243.82

NIT, Silhar

Rs. in Lakhs

Total Budget for NIT Silchar

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment (high end GPU server)	21.00	2.00	1.00	24.00
Consumable (including Stores)	2.00	2.00	2.00	6.00
Manpower	27.60	30.36	33.12	91.08

Head (PI)
Deptt. of Information Technology
Gauhati University

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী - ১৪
Registrar
Gauhati University, Guwahati-14

भारत सरकार
Government of India
इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय
Ministry of Electronics & Information Technology
इलेक्ट्रॉनिक्स निकेतन, 6, सी जी ओ कॉम्प्लेक्स, नई दिल्ली-110003
Electronics Niketan, 6, C G O Complex, New Delhi-110003
Website: www.meity.gov.in

संख्या

No.11(1)/2022-HCC(TDIL)-Part(4)

दिनांक

Date 30.03.2022

ADMINISTRATIVE APPROVAL

Subject : Administrative Approval for implementation of the Project 'ISHAAN: A System for Bidirectional Machine Translation Between 1) English and Assamese, Bodo, Manipuri, Nepali 2) Manipuri and Hindi 3) Assamese and Bodo' under the Project titled 'National Language Translation Mission (NLTM) : BHASHINI'.

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2. Now, the undersigned is directed to convey the Administrative Approval for the implementation of the sub-project namely 'ISHAAN: A System for Bidirectional Machine Translation Between 1) English and Assamese, Bodo, Manipuri, Nepali 2) Manipuri and Hindi 3) Assamese and Bodo' under the Project titled 'National Language Translation Mission (NLTM) : BHASHINI' to be implemented by IIT,Bombay – Consortium Leader and Gauhati University, IIIT Hyderabad, IIIT Manipur, NIT Silchar, University of North Bengal as Consortium Members at the total outlay of the project is Rs.14,89.68.000/- (Rupees fourteen crore eighty-nine lakh sixty-eight hundred only) as Grants-in-aid from Ministry of Electronics and Information Technology (MeitY) for a period of 03 years. The details of the project are at Annexure – I.

3. The standard terms and conditions governing the Grants-in-aid are enclosed at Annexure II.

20/3/22 (P1)
Head
Deptt. of Information Technology
Gauhati University

पञ्जीयक
गुवाहाटी विश्वविद्यालय, गुवाहाटी-१४
Registrar
Gauhati University, Guwahati-14

4. This issues with the approval of Secretary, MeitY vide computer no. 3083436 dated 29.03.2022 and concurrence of Integrated Finance Division, MeitY vide computer no. 3083436 dated 04.02.2022.



(Sandeep Kumar Ambasta)
Deputy Director

Copy to:

1. Pay & Accounts Officer, Pay & Accounts Office. MeitY.
2. Office of Principal Director of Audit, Scientific Department, Shamnath Marg, Civil Lines, Delhi – 110 054.
3. Finance Division. MeitY.
4. DDO, MeitY (two copies).
5. Chief Investigator, Co-Investigators and Head of Implementing Agencies of the Projects.
6. Economic Advisor, MeitY.
7. Shri Vijay Kumar, Scientist 'F', MeitY.
8. Shri Rajeshwar Singh Janwar, Scientist 'E', MeitY.
9. Shri Bharat Gupta, Scientist 'D', MeitY and Sanction File.



(Sandeep Kumar Ambasta)
Deputy Director

20/04/24 (PI)
Dept. of Information Technology
Gauhati University

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment	15.00	1.00	1.00	17.00
Consumable (including Stores)	1.00	1.00	1.00	3.00
Manpower	38.40	42.24	46.08	126.72
Travel & Training	5.00	5.00	5.00	15.00
Contingency	3.00	2.00	2.00	7.00
Cloud and Corpora	7.00	7.00	7.00	21.00
Overhead (8% excl. CapEx)	4.35	4.58	4.89	13.82
Grand Total	73.75	62.82	66.97	203.54

Gauhati University

Rs. in Lakhs

Consolidated Budget for English-Assamese, Assamese-Bodo and English Bodo for Gauhati University

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment (high end GPU server)	44.00	3.00	3.00	50.00
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Manpower	132.60	145.86	159.12	437.58
Travel & Training	4.00	4.00	4.00	12.00
Contingency	5.75	5.75	5.25	16.75
Corpora Creation	75.00	0.00	0.00	75.00

০৭/৫/২২
(০৭)

Head of Information Technology
Gauhati University

(Signature)

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-৭৮১০০৫
Registrar
Gauhati University, Guwahati-14

Overhead (8% excl. CapEx)	17.71	12.77	13.79	44.27
Grand Total	283.06	175.38	189.16	647.60

IIIT, Manipur

Rs. in Lakhs

Total Budget for IIIT, Manipur

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment	8.00	1.00	1.00	10.00
Consumable (including Stores)	2.00	2.00	2.00	6.00
Manpower	45.00	49.50	54.00	148.50
Travel & Training	2.00	2.00	2.00	6.00
Contingency	2.00	2.00	2.00	6.00
Corpora Creation	50.00	0.00	0.00	50.00
Overhead (8% excl. CapEx)	8.08	4.44	4.80	17.32
Grand Total	117.08	60.94	65.80	243.82

NIT, Silhar

Rs. in Lakhs

Total Budget for NIT Silchar

Particulars	Year 1	Year 2	Year 3	Total
Capital Equipment (high end GPU server)	21.00	2.00	1.00	24.00
Consumable (including Stores)	2.00	2.00	2.00	6.00
Manpower	27.60	30.36	33.12	91.08

Head (PI)
Deptt. of Information Technology
Gauhati University

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী - ১৪
Registrar
Gauhati University, Guwahati-14



ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

(State University of Government of Assam constituted by "Assam Science and Technology University Act, 2009")

Tetelia Road, Jalukbari, Guwahati-781013, Assam, Website: www.astu.ac.in

No.: ASTU/TEQIP/Collaborative-Research-2/2021/94/5676

Date:10/05/2022

CERTIFICATE

This is to certify that the final report of the following CRS project awarded by Assam Science and Technology University under Competitive Research Scheme (CRS) of TEQIP-III has been received.

- 1. Title of the Project:** Disease identification of crops using image processing techniques
- 2. Name of Principal Investigator:** Dr. Rupam Baruah, Professor, Department of Computer Science and Engineering, Jorhat Engineering College.
- 3. Name of Co-Principal Investigator:**
 1. Parismita Sarma, Assistant Professor, Department of Information Technology, Gauhati University.
 2. Rajashree Konwar, Assistant Professor, Department of Computer Science and Engineering, Assam Engineering College.
- 4. Amount Sanctioned:** ₹ 2,72,000/-

Dr B R Phukan
TEQIP-III Coordinator, ASTU



মিছন সঞ্চালকৰ কাৰ্যালয় ৰাষ্ট্ৰীয় উচ্চতৰ শিক্ষা অভিযান (ৰুচা)

কাহিলীপাৰা, গুৱাহাটী-৭৮১০১৯

Website: www.rusa.assam.gov.in E-mail: rusaassam@gmail.com/rusa-assam@assam.gov.in

Telephone no: 0361-3511733

নং ARUSA/DIEIT/1/2020/ ২২৪৭

তাৰিখ 21-06-2022

প্ৰেৰকঃ ড° দীপক মজুমদাৰ আই.এ.এছ
অসম চৰকাৰৰ সচিব, উচ্চ শিক্ষা বিভাগ আৰু
মিছন সঞ্চালক, ৰাষ্ট্ৰীয় উচ্চতৰ শিক্ষা অভিযান, অসম
প্ৰতিঃ অধ্যাপক শিখৰ শৰ্মা
এন. এল. পি. ভাষা প্ৰযুক্তি, তথ্য প্ৰযুক্তিবিদ্যা বিভাগ
গুৱাহাটী বিশ্ববিদ্যালয়

বিষয়ঃ ৰুচা অসম আৰু গুৱাহাটী বিশ্ববিদ্যালয়ৰ মাজত অসমীয়া ফণ্ট বিকাশৰ বাবে হোৱা চুক্তি সংক্ৰান্তত।

মহাশয়,

ওপৰোক্ত বিষয় সাপেক্ষত মই জনাব বিছাৰিছো যে ৰুচা অসম আৰু গুৱাহাটী বিশ্ববিদ্যালয়ৰ মাজত অসমীয়া ফণ্ট বিকাশৰ বাবে হোৱা চুক্তি পত্ৰখনত স্বাক্ষৰৰ বাবে আপোনাক ধন্যবাদ জনাইছো। কিন্তু এইখিনিতে উল্লেখ কৰিব পাৰি যে স্বাক্ষৰিত চুক্তি পত্ৰখনত অতিৰিক্ত সংযোজন হিচাপে উল্লেখ কৰা ধৰণে তলত উল্লেখিত দফা সমূহৰ ক্ষেত্ৰত ব্যৱস্থা ল'লে ফণ্ট বিকাশৰ ক্ষেত্ৰত অধিক সফলতা অৰ্জন কৰিব পাৰিম বুলি মই আশা কৰিছো।

ক) ১০ নং অনুচ্ছেদত আৰু এটা বাক্য যেনে “ Before use the applications should be tried, tested and verified by the N.L.P. Language Technology, Information Technology Department Gauhati University” সংযোজন হলে ই ক্ৰটিহীন হ'ব।

খ) ১২ নং অনুচ্ছেদত The Second Party will develop the Assamese font, which must have inscript, asscript and phonetic” হ'লে স্পষ্টতা অধিক হ'ব বুলি আশা কৰিব পাৰি।

আপোনাৰ দ্বাৰা স্বাক্ষৰিত চুক্তিপত্ৰখনত অনুমোদন জনোৱা হ'ল। তথাপিও ওপৰোক্ত অনুচ্ছেদ কেইটা চুক্তিপত্ৰখনত এই চিঠিখনৰ দ্বাৰা অতিৰিক্ত ভাবে সংযোজন কৰা হ'ল বুলি আপোনাক জনোৱা হ'ল। এই ক্ষেত্ৰত চুক্তি অনুযায়ী মুঠ ৫,৬২,০০০.০০ (পাঁচ লাখ, বাৰ্ষষ্ঠি হাজাৰ) টকাৰ প্ৰথম কিস্তি ১,৮৭,৩৩৩.২২ (এক লাখ, সাতাশি হাজাৰ, তিনিশ, তেত্ৰিশ টকা বাইশ পইচাৰ) চেক যোগে প্ৰেৰণ কৰা হ'ব যাতে অনতিপলমে প্ৰকল্প ৰূপায়নৰ কাম আৰম্ভ কৰিব পৰা যায়।

ভৱদীয়

ড° দীপক মজুমদাৰ আই.এ.এছ.

অসম চৰকাৰৰ সচিব, উচ্চ শিক্ষা বিভাগ আৰু
মিছন সঞ্চালক, ৰাষ্ট্ৰীয় উচ্চতৰ শিক্ষা অভিযান, অসম

Download link for RUSA E-magazine: <https://rusaassamemagazine.com> link for assumes fonts 'JONAKI' & 'UXA' developed by RUSA

(Assam): <https://assamesefont.eofficerusaassam.in>

**MEMORANDUM OF AGREEMENT (MoA)
BETWEEN
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA), ASSAM
AND GAUHATI UNIVERSITY**

This Memorandum of Agreement (herein after referred to as 'MoA' entered on the15th..... day of.....June..... 2022 in Guwahati, Assam by and between.

Rashtriya Uchchatar Shiksha Abhiyan (RUSA), Assam, a Centrally Sponsored Scheme of Ministry of Education, Govt. of India. State Mission Office is situated at Kahilipara, Guwahati-19, Assam represented by Mission Director of (FIRST PARTY)

AND

• Gauhati University, a State University under Govt. of Assam, situated at Jalukbari, Guwahati represented by Registrar Gauhati University as Administrative Head of the University of the (SECOND PARTY).

WHEREAS the FIRST PARTY a Centrally Sponsored Scheme of Ministry of Education, Govt. of India which receives fund from the Govt. of India and Govt. of Assam and works in mission mode for providing funds for construction, renovation and creating new facilities to achieve equity, access and excellence in the state higher education system with greater efficiency, transparency, accountability and responsiveness.

WHEREAS the SECOND PARTY A State University under the State Government which deals with the Higher Education of the State.


WHEREAS the FIRST PARTY has approached the SECOND PARTY for development of Assamese font with the following specification.

The purpose of this MoA is agreement between RUSA, Assam and Gauhati University to what responsibilities are expected to be undertaken by both the parties in the development of Assamese fonts.

**NOW THIS MEMORANDUM OF AGREEMENT BETWEEN THE PARTIES
OBSERVE AND WITNESS AS FOLLOWS:**


1. The FIRST PARTY will award the work of development of Assamese font after signing of agreement with the SECOND PARTY.
2. The SECOND PARTY will develop 1 (one) number of Assamese font. The name of the fonts will be "Banhi" বাঁহী.
3. The SECOND PARTY will develop one Assamese font as "Banhi" বাঁহী and after completion of this font, the SECOND PARTY may go for development of more fonts, specifically a second font "Bijuli" বিজুলী, if already proposed funding for additional fonts is provided by RUSA.
4. The FIRST PARTY will make payment to the SECOND PARTY for development of the font from the "savings bank account of RUSA Assam".
5. The FIRST PARTY will make the payment to the SECOND PARTY in the account of Registrar, Gauhati University.
6. The FIRST PARTY will make payment of total Rs. 5,62,000.00/- (Rupees Five Lakh sixty Two Thousand only) to the SECOND PARTY in 3 (three) installments. Rs 1,87,333.33 (Rupees one lakh, eighty seven thousand three hundred and thirty three and thirty three paise only) will be paid as 1st instalment in the 0 (zero month). Again Rs 1,87,333.33 (Rupees one lakh, eighty seven thousand three hundred and thirty three and thirty three paise only) will be paid as second instalment in the 2nd month only after utilization of the 75% of the 1st instalment. The third instalment amounting Rs 1,87,333.33 (Rupees one lakh, eighty seven thousand three hundred and thirty three and thirty three paise only) will be paid in the 4th month after 100% utilization of the 1st instalment and 75% of the 2nd instalment.
7. The SECOND PARTY will make the final utilization of the whole amount within 6 months of this agreement. All necessary supporting documents of expenditure, vouchers, bills, UCs etc will be submitted to the FIRST PARTY by the SECOND PARTY.
8. The SECOND PARTY will develop the font within the project period, i.e. 6 (six) months from this agreement and will hand over it to the FIRST PARTY.
9. The SECOND PARTY will provide "Project Completion" certificate to the FIRST PARTY after completion of the assigned project and will take the responsibility of maintenance of the font for at least 1 (one) year.

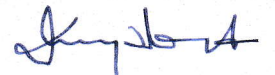
10. The SECOND PARTY will develop the Assamese font to be used in Windows, Ubuntu, Linux, Android, WhatsApp, E-mail, MS Office etc. However it is to be mentioned that compatibility may also be dependent on the Application/Tool side, which may be sometimes beyond the control of Font developer.
11. The SECOND PARTY will develop the Assamese font "Unicode" compliant to be used in website also.
12. The SECOND PARTY will develop the Assamese font where it will be convenient to use ".,.," symbols, numerical along with "Juktakhar".
13. Font size of the fonts should be similar to the other English/ Assamese fonts available.
14. The font size of all "Juktakhar" should be equal in size.
15. ঞ + ন "Juktakhar" should be able to write in the font.
16. The font should be transfer to "Italic" font also.
17. The get up of the font should be attractive and beautiful compared to the available fonts.
18. "হ" should be write in proper way.
19. For the use of the font, the copy right will be with the FIRST PARTY and it will be provided for the use of public free of cost.
20. For all purpose of identification/recognition/publicity etc., the Phrase : "Design and Developed jointly by RUSA Assam and Information Technology Department of Gauhati University" shall be used by both the parties.


Registrar
Gauhati University

Reg. No. _____	Dtd _____
Registrar's Secretariat GAUHATI UNIVERSITY	
Signature of D/Asstt. _____	

Witness

1. 
(PROF. SHIKHAR KR. SARMA)
PROFESSOR
Dept. of Information Technology
Gauhati University
- 2.


Mission Director
RUSA, ASSAM


Mission Director
Rashtriya Uchchatar Siksha Abhiyan
Kahilipara, Guwahati-19

3.2.1: Extramural fundings for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year 2021-2022 (INR in Lakhs)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided
Adaptive research on indigenous/endemic fish species of the North Eastern Region of India: inputs on threat level and opportunities for protection and management in adapting climate change	Dandadhar Sarma	Zoology	2022	43,00,000/-
Under GiZ, India (Indo-German Collaboration)				

GIZ Copy

**CONTRACT FOR CONSULTING FIRMS
AND OTHER SERVICE PROVIDERS**

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Contract no.: 83407899
Project: Schutz und nachhaltiges Management von
aquatischen Ressourcen im nordöstlichen
Himalaya, Indien
Processing no.: 18.9041.7-001.00
Processed by: Shimpa Kalra
Telephone:

Based on the General Terms of Contract (local) the present Contract is
concluded between the
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH,
represented by

**German Development Cooperation
GIZ Office New Delhi
46, Paschimi Marg
Vasant Vihar
NEW DELHI - 110 057, INDIA**

(referred to hereinafter as "GIZ")

and

. Gauhati University

**Gopinath Bordoloi Nagar, Guwahati
14 Assam
India
0361-2570415**

(referred to hereinafter as "Contractor").

Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH

Registered office
Bonn and Eschborn, Germany

Friedrich-Ebert-Allee 32 + 36
53113 Bonn, Germany
T +49 228 4460-0
F +49 228 4460-1755

Dag-Hammarskjöld-Weg 1-5
55760 Fuchsborn, Germany
T +49 6199 79-0
F +49 6199 79-1115

E info@giz.de
I www.giz.de

Registered at
Local court (Amtsgericht)
Bonn, Germany

Registration no. HRB 18384
Local court (Amtsgericht)
Frankfurt am Main, Germany
Registration no. HRB 17364
USt-Id No. DE 113821920
Tax no. 049 257 55973

Chairman of the Supervisory Board
Jochen Flasbarth, State Secretary

Management Board
Tanya Günser (Chair)
Ingrid-Gabriela Novak
Thorsten Schäfer-Gumbel

Commerzbank AG Frankfurt am Main
BIC (SWIFT) COBADE33XXX
IBAN: DE45 5004 0000 0009 0000 0000

1. Purpose of the Contract

Adaptive research on Indigenous/endemic fish species of the North Eastern Region of India; inputs on threats and opportunities in protection and management for adapting to climate change.

2. Terms of Reference

The Contractor undertakes to perform the services listed in the Special Agreement (Annex 1).

3. Assignment of Personnel

In order to perform the services, it is anticipated that during the period from 27.06.2022 to 26.06.2023, the Contractor shall assign the following experts:

Dr. Dandadhar Sharma & Others as Experts

4. Reports/Appraisals

Reporting/Submission of the study/The handover of work is governed by the Special Agreement (see Annex 1).

5. Remuneration

For the performance of services, the Contractor shall be remunerated as follows:

Dr. Dandadhar Sharma & Others			
Expert			
1,224,000.00	INR	x up to	1.0 Expert day/s
lump sum			up to
Professional fee of experts; ref. special agreement.			1,224,000.00 INR
Per diem/ daily allowance			
120,000.00	INR	x up to	1.0 Day/s
lump sum			up to
Per diem for 80 days on lumpsum.			120,000.00 INR
Accommodation			
180,000.00	INR	x up to	1.0 Night/s

against provision of evidence up to 180,000.00 INR
Stay for 50 nights on actuals; upto max. of INR 180,000/-

Other costs
2,300,000.00 INR x up to 1.0 without quantity
lump sum against proof of performance up to 2,300,000.00 INR
Equipment/Training/Consumables against proof of performance.

Other costs
250,000.00 INR x up to 1.0 without quantity
lump sum Institutional overhead; Lumpsum. up to 250,000.00 INR

Travel expenses
90,000.00 INR x up to 1.0 without quantity
against provision of evidence up to 90,000.00 INR
Local Travel on actuals; upto max. of INR 90,000/-

Total remuneration up to 4,164,000.00 INR
(in words: Forty One Lac and Sixty Four Thousand Only.)

All costs incurred in connection with the performance of the services are deemed settled herewith.

The tax provisions are listed in the Special Agreement in the section entitled "Other Provisions".

6. Payments

Payment of the remuneration agreed on in Section 5 shall be effected, depending on the type of remuneration, following the performance of services, submission of reports (see Special Agreement), acceptance of services performed, and invoicing.

Advance payment after signing of the Contract and written request for payment anticipated at 27.06.2022 up to 1,041,000.00 INR.

Interim payment after settlement of services provided:

	<u>Anticipated date</u>	<u>Payment up to (INR)</u>
1.	31.10.2022	1,041,000.00
2.	28.02.2023	1,041,000.00

Final payment after final invoice anticipated by 26.06.2023 up to 1,041,000.00 INR.

The invoice must be submitted as 1 original with 1 copy(ies).

7. Other provisions

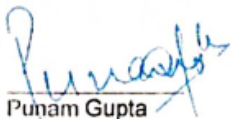
- 7.1 The original vouchers must be submitted for all items of the Contract for which documentary proof is required.
- 7.2 The Contractor shall carry out project accounting in keeping with the principles of proper bookkeeping.
- 7.3 GIZ shall have an unrestricted right to examine the project accounts at any time. This shall not affect the obligation of the Contractor to submit original vouchers.

8. General Terms of Contract

- 8.1 The Special Agreement shall constitute an integral component of the Contract.
- 8.2 The General Terms of Contract (local) shall constitute an integral component of this Contract. The Contractor hereby declares that it is familiar with the General Terms of Contract (local).
- 8.3 The Contract shall be drawn up in 2 originals. The Contractor shall receive one original.
- 8.4 All modifications to this Contract shall be made only in writing.


New Delhi, India,

For the GIZ


Punam Gupta


Shailendra Dwivedi

place, date


30/6/22

Gauhati University
REGISTRAR
Gauhati University
Gopinath Bardoloi Nagar
Guwahati - 781 014

Annexes

- 1. Special Agreement
- 2. General Terms of Contract (local) enclosed/known



भारतीय सामाजिक विज्ञान अनुसंधान परिषद

पूर्वोत्तर क्षेत्रीय केन्द्र

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

NORTH EASTERN REGIONAL CENTRE

NEHU Campus, Shillong - 793022

Phone : 0364 - 2550436 (O)
0364 - 2550431 (O)
0364 - 2950677 (O)
e-mail : icssrnerc@gmail.com
directoricssrnerc@gmail.com
website : www.icssrnerc.org

Dr. Bathsheba G. Pyngrope
Consultant (Acad. & Admn.)

No.F.4.904/NERC/SEM/2022

July 21, 2022

To

The Registrar
Gauhati University
Guwahati - 781014

Subject: National Seminar on “Understanding the Dynamics and Interface of Freedom of speech and expression under the Constitution of India”.

SANCTION ORDER

Sir,

Sanction of the ICSSR North Eastern Regional Centre is hereby accorded to the payment of an amount of **Rs.70,000/-** (Rupees Seventy Thousand only) to meet the expenditure on the above mentioned seminar to be organized by Dr. Pallavi Devi, Assistant Professor, PG Department of Law, Gauhati University, Guwahati-14, Assam on 9th and 10th September, 2022.

The financial assistance should be utilized for the purpose for which it has been sanctioned. No part of the grant is to be utilized for publication of the proceedings of the seminar.

The amount sanctioned herein is to be utilized on the proposed seminar only within the stipulated period. Any amount of the assistance remaining unspent during the current financial year shall be refunded to ICSSR-NERC immediately after the completion of the seminar. If the Institute fail to utilize the grant, the Institute will be required to refund the amount of the grant with interest thereon @10% per annum from the date of its sanction.

The sanctioned amount will be released in two installments as follows:

First installment (offline/blended mode)	: Rs.56,000.00
Second Installment	: Rs.14,000.00

Total	: Rs.70,000.00



भारतीय सामाजिक विज्ञान अनुसंधान परिषद

पूर्वोत्तर क्षेत्रीय केन्द्र

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

NORTH EASTERN REGIONAL CENTRE

NEHU Campus, Shillong - 793022

Phone : 0364 - 2550436 (O)
0364 - 2550431 (O)
0364 - 2950677 (O)
e-mail : icssrnerc@gmail.com
directoricssrnerc@gmail.com
website : www.icssrnerc.org

The first installment of Rs.56,000/- will be released immediately on receipt of the following documents:

1. Grant-in-aid bill towards advance receipt (copy enclosed) duly stamped and signed by the competent authority of the Institute.
2. Bank Account information as per the format enclosed.

The second installment of Rs.14,000/- will be released on receipt of the following documents that may please be submitted within 2 months of completion of the programme.

1. Two complete sets of the papers/talks/PowerPoint presentation (hard bound copy) presented in the seminar.
2. A short summary of the proceedings of the seminar, highlighting the details of the inaugural session, objectives, findings/recommendations and names of important participants including resource persons.
3. List of the papers presented in the programme along with the resource persons' names.
4. Grant-in aid bill (copy enclosed) for the second installment duly stamped and signed by the competent authority of the Institute.
5. An Audited statement of Accounts and utilization certificate in GFR-12A form (copy enclosed) signed by Chartered Accountant/Finance Officer (in case of University) for the total sanctioned/utilized grant.

(B. G. Pyngrope)

Encl.: As Above.

Copy to:

1. Dr Pallavi Devi
Assistant Professor
PG Department of Law
Adjacent to K.K. Handique Library
Gauhati University
Guwahati – 781014
2. Account Section, ICSSR-NERC, Shillong.

অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ

(বিজ্ঞান প্রযুক্তি আৰু জলবায়ু পৰিৱৰ্তন বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Science, Technology and Climate Change Department)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India



Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : astec.assam.gov.in

ASTEC/206/2021-22/1114-1144

Date: 21/07/2022

NOTICE

The ASTE Council is pleased to inform that the following projects have been selected for financial support under the “Students’ Science Project” Scheme.

List of Proposals Selected

SI No.	Project Title	Leader Name	Guide Name	Department	Amount	University
1	Synthesis, characterization & optical properties of WO ₃ nanomaterial	Mr. Samasis Dev Sarma, M. Sc. 4 th Semester	Dr. Jitumani Kalita	Physics	10,000/-	Cotton University
2	Designing of variable pulse generator dice using IC555 timer	Mr. Urbismita Thauria, M. Sc. 4 th Semester	Dr. Jitumani Kalita	Physics	10,000/-	Cotton university
3	Measurement of effective radium (226Ra) content in coal using solid state nuclear detectors.	Mr. Partha Pratim Deka, M. Sc. 4 th Semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
4	Study of radon exhalation rates from coal using solid state nuclear track detectors	Mr. Ripunjoy Kalita, M. Sc. 4 th Semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
5	Study of radon exhalation rates from rock using solid state nuclear track detectors	Mr. Mousum Rajkhowa, M. Sc. 4 th Semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
6	Measurement of effective radium (226Ra) content in geological samples using track	Mr. Hritik Gogoi, M. Sc. 4 th semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
7	Study of radon exhalation rates from soil using solid state nuclear track detectors	Mr. Manash Pratim Das, M. Sc. 4 th Semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
8	Use of Signal Jammers for various purposes	Debasish Das, B. Tech 6 th Semester	D.S. Pegu	Electronics and Telecommunication Engineering	3200/-	Assam Engineering College

9	Gesture Controlled Robotic Arm	Srimanjyoti Dutta, B. Tech 6 th Semester	Dr. Navajit Saikia	Electronics and Telecommunication Engineering	10,000/-	Assam Engineering College
10	Animal Detection using Instance Segmentation	Bhaskar Borah, B. Tech 8 th Semester	Ankur Jyoti Sarmah	Electronics and Telecommunication Engineering	10,000/-	Assam Engineering College
11	Isolation & Characterization of Potential Antibiotic Producing microbes from Water & Soil samples	Mr. Takam Akash, M. Sc. 2 nd semester	Dr. Probin Phanjom	Biosciences	10,000/-	Assam Don Bosco University
12	Ag decorated Zinc Oxide Nano material in Building Materials: Anti-Fungal & Anti-Bacterial Studies	Nishita Mutum, B. Tech 6 th semester	Mr. Arnab Kumar Sarkar & Mis Nabanita Daimary	Civil Engineering	10,000/-	Assam Down Town University
13	Environment air quality monitoring using lichens as bioindicators within Tapesia campus, Assam Don Bosco University	Iftiker Hussain Ahmed, M. Sc. 2 nd semester	Dr. Vedant Vikrom Borah	Life Science	10,000/-	Assam Don Bosco University
14	Utilisation of Waste Plastic in Bitumen	Nishita Buragohain, B. Tech, 8 th semester	Dr. Shasanka Sekhar Borkotoky	Chemical Engineering	9,500/-	Assam Engineering College
15	Metal free Synthesis of Formamidine from N,N Dibromoaryl sulfonamides & Formamides	Ms. Nirupama Rabha, M.Sc 4 th semester	Prof. Prodeep Phukan	Chemistry	10,000/-	Gauhati University
16	Status & distribution pattern of multiple owl species assemblage using active search & Citizen Science approach in Upper Brahmaputra Valley	Abhinab Kumar Hajong, M.Sc. 2 nd semester	Dr. Samrat Sengupta	Zoology	10,000/-	Debraj Roy College
17	Transition Metal free Synthesis of Guanidine by a synchronized coupling of Isonitrile, N,N Dibromoaryl sulfonamides & hydrazine	Mr. Pankhi Neog, M. Sc. 4 th semester	Prof. Prodeep Phukan	Chemistry	10,000/-	Gauhati University
18	Silver Acetate Catalyzed synthesis of Cyclic Guanidine from Isonitriles & N,N-Dibromoaryl sulfonamides	Ms. Dikshita Goswami, M. Sc. 4 th semester	Prof. Prodeep Phukan	Chemistry	10,000/-	Gauhati University
19	Production of eco-friendly low-cost materials from biowaste, determination of their surface charge & specific ion effect study by simple pH titration	Emidaka Dkhar, M.Sc. 2 nd semester	Dr. Jyotirmoy Sarma	Chemistry	10,000/-	Assam Don Bosco University

20	Machine learning & IoT Based Advanced Farming Management System	Arunabh Bora, B.Tech 8th semester	Prof. Kandarpa Kumar Sarma	Electronics & Communication Engineering	10,000/-	Gauhati University
21	Few shot Continual Learning in Low Labeled data scenario	Pankhi Kashyap, B.Tech 8th semester	Prof. Kandarpa Kumar Sarma	Electronics & Communication Engineering	10,000/-	Gauhati University
22	Forest Rescue System	Vishal Agarwal, B.Tech 8th semester	Prof. Kandarpa Kumar Sarma	Electronics & Communication Engineering	10,000/-	Gauhati University
23	Nanotechnology based gas sensor	Diganta Sarmah, B.Tech, 8th semester	Dr. Rashi Borgohain	Electronics and Telecommunication Engineering	10,000/-	Assam Engineering College
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(Science, Technology and Climate Change Department)

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G.S. ROAD
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Telephone : 0361-2464621
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Fax : 0361-2464617
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11	Isolation & Characterization of Potential Antibiotic Producing microbes from Water & Soil samples	Mr. Takam Akash, M. Sc. 2 nd semester	Dr. Probin Phanjom	Biosciences	10,000/-	Assam Don Bosco University
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13	Environment air quality monitoring using lichens as bioindicators within Tapesia campus, Assam Don Bosco University	Iftiker Hussain Ahmed, M. Sc. 2 nd semester	Dr. Vedant Vikrom Borah	Life Science	10,000/-	Assam Don Bosco University
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অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ

(বিজ্ঞান প্রযুক্তি আৰু জলবায়ু পৰিৱৰ্তন বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Science, Technology and Climate Change Department)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India



Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : astec.assam.gov.in

ASTEC/206/2021-22/1114-1144

Date: 21/07/2022

NOTICE

The ASTE Council is pleased to inform that the following projects have been selected for financial support under the “Students’ Science Project” Scheme.

List of Proposals Selected

SI No.	Project Title	Leader Name	Guide Name	Department	Amount	University
1	Synthesis, characterization & optical properties of WO ₃ nanomaterial	Mr. Samasis Dev Sarma, M. Sc. 4 th Semester	Dr. Jitumani Kalita	Physics	10,000/-	Cotton University
2	Designing of variable pulse generator dice using IC555 timer	Mr. Urbismita Thauria, M. Sc. 4 th Semester	Dr. Jitumani Kalita	Physics	10,000/-	Cotton university
3	Measurement of effective radium (226Ra) content in coal using solid state nuclear detectors.	Mr. Partha Pratim Deka, M. Sc. 4 th Semester	Dr. Debajyoti Barooah	Physics	10,000/-	Cotton university
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भा.कृ.अनु.प.-राष्ट्रीय मत्स्य आनुवंशिक संसाधन ब्यूरो
ICAR-NATIONAL BUREAU OF FISH GENETIC RESOURCES



G./NE/2015

23.07.2022

From: **Dr. Rejani Chandran**
Scientist & Coordinator
ICAR-NBFGR Research Programme for NE Region
ICAR-NBFGR, Lucknow

To,
The Registrar,
Gauhati University,
Guwahati

Subject: Details of funds released under ICAR-NBFGR Collaborative research programme at Department of Zoology, Gauhati University reg-

Sir,

This is to inform you that the following fund has been approved and sanctioned by this institute under the projects and activities implemented at Department of Zoology, Gauhati University, Guwahati as per the details given below.

S.N	Title of Sub-Project/activities	Principal Investigator	Details of 1st instalment of Budget for 2022-23			Reference number	Remarks
			General	Capital	Total		
	Development of Live Gemplasm Resource Center for indigenous food and ornamental fishes for resource enhancement and sustainable livelihood generation in Assam	Dr. Dandadhar Sarma Professor Department of Zoology, Gauhati University, Guwahati, Assam	5,50,000/-	1,50,000/-	7,00,000/-	An amount of Rs. 7,00,000/- (C072232149 380) transferred on 20/07/2022 to SBI A/C no: 10243131817	The released fund is to be utilized for the purchase of minor equipment and other research activities for the project as per the proposal submitted by Dr. Dandadhar Sarma (dated July 4, 2022)

The same may please be disbursed to the Principal Investigator

Thanking you,

Yours sincerely

(Rejani Chandran)

Copy to: Prof. Dandadhar Sarma, Professor, Department of Zoology

INDIAN COUNCIL OF MEDICAL RESEARCH

ANSARI NAGAR, POST BOX NO. 4911
NEW DELHI-110029

No. Adhoc/200/2022/SBHSR

Dated: 10.08.2022

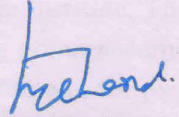
Subject: Payment of 1st year grant-in-aid for the Ad-hoc research scheme / Project entitled “**Design and development of a deep learning-based technique for detection of pneumonia from radiological chest x-ray images to augment the healthcare services in North East India**” under Dr Kumaresh Sarmah, Assistant Professor, Department of Electronics and Communication Technology, Gauhati University, Gopinath Bordoloi Nagar, Kamrup, Guwahati - 781014, Assam

MEMORANDUM:

The Director General, ICMR sanctions the payment of Rs. 15,39,660/- (Rupees Fifteen lakh Thirty Nine Thousand Six Hundred Sixty only) as the installment of the grant incurring expenditure in connection with the above mentioned research scheme/project. The amount of Rs. 15,39,660/- maybe debited, in the provision of Rs. 15,39,600/- made for the above mentioned research scheme/project for the current financial year 2022-23.

A formal bill for Rs. 15,39,660/- is sent herewith for payment by bank transfer to The Registrar, **Gauhati University**, Kamrup, Guwahati - 781014 payable at Guwahati.

RFC No.(P-3)SBHSR/Ad-hoc/04/2022-23, dated: 05/08/2022


Sr. Administrative Officer
For Director General

Accounts Section-V, ICMR

1. The Registrar, **Gauhati University, Gopinath Bordoloi Nagar, Kamrup, Guwahati - 781014, Assam.**, Bank transfer for the amount of Rs. 15,39,660/- 1st year will be sent to you in due course. The grant has been sanctioned on the condition laid down in our letter referred to above.
2. IRIS Cell:-2021-14424.
- ✓ 3. Dr. Kumaresh Sarmah, Assistant Professor, Department of Electronics and Communication Technology, Gauhati University, Gopinath Bordoloi Nagar, Kamrup, Guwahati - 781014, Assam.
4. Finance section **RFC No.(P-3)SBHSR/Ad-hoc/04/2022-23, dated: 05/08/2022**

**List of the recommended projects for financial support under
Research & Development (R&D) programme**

Sl. No.	Project Name	Name of the P.I./Co. P.I.	Name of the Institute	Recommended Budget (Rs.)
1.	Characterization and quality evaluation of smoked dried fermented fish product (Napham) prepared by Bodo community of Assam.	Prof. S. C. Deka (P.I.) Dr. Nickhil C (Co. P.I.)	Tezpur University, Tezpur	3,05,000.00
2.	Radionuclides in minerals of Assam: An assessment on their uses and related health implications.	Dr. Debajyoti Barooah (P.I.) Prof. Sarat Phukan (Co. P.I.) (Gauhati University, Jalukbari)	Cotton University, Panbazar	5,12,000.00
3.	Development of a nano zinc fortified herbal mix for increased productivity in goats.	Dr. Jumi Dutta (P.I.) Dr. Santosh Upadhyay (Co. P.I.) Dr. Rita Nath (Co. P.I.) Dr. Farzin Akhtar (Co. P.I.)	C. V. Sc., AAU Khanapara	4,70,000.00
4.	Development and evaluation of multiple antigenic peptide based diagnostic assay for detection of <i>Babesia gibsoni</i> in dog targeting GPI-encode protein.	Dr. Rupam Dutta (P.I.) Dr. Lukumoni Buragohain (Co. P.I.) Dr. Deep Prakash Saikia (Co. P.I.) Dr. Girin Hazarika (Co. P.I.) (Goat Research Station, AAU)	C.V.Sc., AAU Khanapara	4,60,000.00
5.	Development of a deep learning real-time natural scene assamese texts translation system.	Dr. Anjan Kumar Talukdar (P.I.) Dr. Kandarpa Kumar Sarma (Co. P.I.)	Gauhati University, Jalukbari	4,40,000.00
6.	Design of a real-time, boat load monitoring and safety system.	Dr. Kandarpa Kumar Sarma (P.I.) Manash Pratim Sarma (Co. P.I.)	Gauhati University, Jalukbari	3,50,000.00
7.	Designing a controlled release transdermal patch for wound healing using natural resources.	Mr. Koushik Nandan Dutta (P.I.) Mrs. Jutirani Devi (Co. P.I.)	NETES Institute of Pharmaceutical Science, Mirza	3,00,000.00
8.	Extraction and formulation of perfume from essential oil of <i>Dioscorea</i> sp. of N. E. India.	Dr. Nilofer Sheikh (P.I.)	Biswanath College, Bishwanath	4,00,000.00
9.	ERI pupa based ornamental fish feed: preparation, standardization and sustainable utilization.	Dr. Bhuban Ch. Chutia (P.I.) Dr. Lalit Mohan Goswami (Co. P.I.)	Nowgong College, Nagaon	4,20,000.00
10.	Exhaustive valorisation of arecanut waste as a source of potential healthcare biomaterials.	Dr. Lalduhsanga Pachuau (P.I.)	Assam University, Silchar	3,50,000.00

N.B: P. I.s of the above projects are requested to give their consent letters for our further actions to the mail directorastec@gmail.com within 26th August, 2022.


(Kimnei Changsan, ACS)
Director, ASTE Council

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2.	Radionuclides in minerals of Assam: An assessment on their uses and related health implications.	Dr. Debajyoti Barooah (P.I.) Prof. Sarat Phukan (Co. P.I.) (Gauhati University, Jalukbari)	Cotton University, Panbazar	5,12,000.00
3.	Development of a nano zinc fortified herbal mix for increased productivity in goats.	Dr. Jumi Dutta (P.I.) Dr. Santosh Upadhyay (Co. P.I.) Dr. Rita Nath (Co. P.I.) Dr. Farzin Akhtar (Co. P.I.)	C. V. Sc., AAU Khanapara	4,70,000.00
4.	Development and evaluation of multiple antigenic peptide based diagnostic assay for detection of <i>Babesia gibsoni</i> in dog targeting GPI-encode protein.	Dr. Rupam Dutta (P.I.) Dr. Lukumoni Buragohain (Co. P.I.) Dr. Deep Prakash Saikia (Co. P.I.) Dr. Girin Hazarika (Co. P.I.) (Goat Research Station, AAU)	C.V.Sc., AAU Khanapara	4,60,000.00
5.	Development of a deep learning real-time natural scene assamese texts translation system.	Dr. Anjan Kumar Talukdar (P.I.) Dr. Kandarpa Kumar Sarma (Co. P.I.)	Gauhati University, Jalukbari	4,40,000.00
6.	Design of a real-time, boat load monitoring and safety system.	Dr. Kandarpa Kumar Sarma (P.I.) Manash Pratim Sarma (Co. P.I.)	Gauhati University, Jalukbari	3,50,000.00
7.	Designing a controlled release transdermal patch for wound healing using natural resources.	Mr. Koushik Nandan Dutta (P.I.) Mrs. Jutirani Devi (Co. P.I.)	NETES Institute of Pharmaceutical Science, Mirza	3,00,000.00
8.	Extraction and formulation of perfume from essential oil of <i>Dioscorea</i> sp. of N. E. India.	Dr. Nilofer Sheikh (P.I.)	Biswanath College, Bishwanath	4,00,000.00
9.	ERI pupa based ornamental fish feed: preparation, standardization and sustainable utilization.	Dr. Bhuban Ch. Chutia (P.I.) Dr. Lalit Mohan Goswami (Co. P.I.)	Nowgong College, Nagaon	4,20,000.00
10.	Exhaustive valorisation of arecanut waste as a source of potential healthcare biomaterials.	Dr. Lalduhsanga Pachuau (P.I.)	Assam University, Silchar	3,50,000.00

N.B: P. I.s of the above projects are requested to give their consent letters for our further actions to the mail directorastec@gmail.com within 26th August, 2022.


(Kimnei Changsan, ACS)
Director, ASTE Council

**List of the recommended projects for financial support under
Research & Development (R&D) programme**

Sl. No.	Project Name	Name of the P.I./Co. P.I.	Name of the Institute	Recommended Budget (Rs.)
1.	Characterization and quality evaluation of smoked dried fermented fish product (Napham) prepared by Bodo community of Assam.	Prof. S. C. Deka (P.I.) Dr. Nickhil C (Co. P.I.)	Tezpur University, Tezpur	3,05,000.00
2.	Radionuclides in minerals of Assam: An assessment on their uses and related health implications.	Dr. Debajyoti Barooah (P.I.) Prof. Sarat Phukan (Co. P.I.) (Gauhati University, Jalukbari)	Cotton University, Panbazar	5,12,000.00
3.	Development of a nano zinc fortified herbal mix for increased productivity in goats.	Dr. Jumi Dutta (P.I.) Dr. Santosh Upadhyay (Co. P.I.) Dr. Rita Nath (Co. P.I.) Dr. Farzin Akhtar (Co. P.I.)	C. V. Sc., AAU Khanapara	4,70,000.00
4.	Development and evaluation of multiple antigenic peptide based diagnostic assay for detection of <i>Babesia gibsoni</i> in dog targeting GPI-encode protein.	Dr. Rupam Dutta (P.I.) Dr. Lukumoni Buragohain (Co. P.I.) Dr. Deep Prakash Saikia (Co. P.I.) Dr. Girin Hazarika (Co. P.I.) (Goat Research Station, AAU)	C.V.Sc., AAU Khanapara	4,60,000.00
5.	Development of a deep learning real-time natural scene assamese texts translation system.	Dr. Anjan Kumar Talukdar (P.I.) Dr. Kandarpa Kumar Sarma (Co. P.I.)	Gauhati University, Jalukbari	4,40,000.00
6.	Design of a real-time, boat load monitoring and safety system.	Dr. Kandarpa Kumar Sarma (P.I.) Manash Pratim Sarma (Co. P.I.)	Gauhati University, Jalukbari	3,50,000.00
7.	Designing a controlled release transdermal patch for wound healing using natural resources.	Mr. Koushik Nandan Dutta (P.I.) Mrs. Jutirani Devi (Co. P.I.)	NETES Institute of Pharmaceutical Science, Mirza	3,00,000.00
8.	Extraction and formulation of perfume from essential oil of <i>Dioscorea</i> sp. of N. E. India.	Dr. Nilofer Sheikh (P.I.)	Biswanath College, Bishwanath	4,00,000.00
9.	ERI pupa based ornamental fish feed: preparation, standardization and sustainable utilization.	Dr. Bhuban Ch. Chutia (P.I.) Dr. Lalit Mohan Goswami (Co. P.I.)	Nowgong College, Nagaon	4,20,000.00
10.	Exhaustive valorisation of arecanut waste as a source of potential healthcare biomaterials.	Dr. Lalduhsanga Pachuau (P.I.)	Assam University, Silchar	3,50,000.00

N.B: P. I.s of the above projects are requested to give their consent letters for our further actions to the mail directorastec@gmail.com within 26th August, 2022.


(Kimnei Changsan, ACS)
Director, ASTE Council



PhD Cell

Date: 13 Sep 2022

Ref.: Implementation Order No: PhD-02/2022/68

Subject: Implementation Order for the execution of 'Visvesvaraya PhD Scheme for Electronics and IT: Phase-II' at Gauhati University, Guwahati.

Implementing Agency: Gauhati University, Guwahati

1. The undersigned is directed to convey the approval of Competent Authority for implementation of 'Visvesvaraya PhD Scheme for Electronics and IT: Phase-II' at Gauhati University, Guwahati
2. The estimated budget outlay of your institution for the PhD Scheme for 2 Full Time PhD candidates is **Rs. 72,61,600 /-** (Rs. Seventy Two Lakh Sixty One Thousand Six Hundred only) as detailed in Annexure as attached. The duration of the scheme shall be 60 months.
3. The release of funds shall be subjected to acceptance of the 'Terms and Conditions' including Standard Operating Procedures by Gauhati University, Guwahati.


Sandeep Bansal
In-charge, PhD Cell



To,
Dr Hemanta Kumar Nath
Gauhati University, Guwahati

Copy to,

1. Prof. Tulshi Bezboruah, Gauhati University, Guwahati
2. MD & CEO, Digital India Corporation
3. GC, R&D in IT, Ministry of Electronics & IT (MeitY)
4. Finance, Digital India Corporation

Annexure to the Implementation Order No.: PhD-02/2022/68 dated 13 Sep 2022

Sr. No.	Name of the Scheme/ Project	Gauhati University, Guwahati
1.	Objective of the Scheme/ Project	The project at Gauhati University, Guwahati is a part of 2 nd phase of Visvesvaraya PhD Scheme to enhance the number of PhDs in Electronic System Design and Manufacturing (ESDM) and IT/ IT Enabled Services (ITES) sector.
2.	Area of Coverage	ESDM and IT/ ITES
3.	Name of Implementing Agency	Gauhati University, Guwahati
4.	Location/ Address	Gauhati University, Guwahati-781014, Assam, INDIA
5.	No of Full Time PhD Candidates	2
6.	Total Scheme/ Project Duration	60 Months

Total Scheme/ Project Outlay:

Amount in Rs.

Budget Head	1st Yr	2nd Yr	3rd Yr	4th Yr	5th Yr	Total
Full Time fellowship @ Rs. 38,750/- per month in 1st and 2nd years, and Rs. 43,750/- per month in 3rd, 4th and 5th years of PhD	9,30,000	9,30,000	10,50,000	10,50,000	10,50,000	50,10,000
Reimbursement of Rent (RoR) (Class Y @16%)	1,48,800	1,48,800	1,68,000	1,68,000	1,68,000	8,01,600
Institutional Overhead	50,000	50,000	50,000	50,000	50,000	2,50,000
Research Contingency Grant	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	12,00,000
Total	13,68,800	13,68,800	15,08,000	15,08,000	15,08,000	72,61,600

Sanjeev Kumar


Electronics Niketan Annexe, 6, CGO Complex Lodhi Road, New Delhi - 110003 (India)

इलेक्ट्रॉनिक्स निकेतन अण्णखे, 6, सीजीओ कॉम्प्लेक्स, लोधी रोड, नई दिल्ली - 110003 (भारत)

Tel.: +91 (11) 24360199, 24303599, 24303500, 24303555, 24301756; CIN NO: U72900MH2001NPL133410

Website: www.dic.gov.in

No. RD/SAIF/GH/2021 (G)
Government of India
Department of Science & Technology
(R&D Infrastructure Division)

Technology Bhawan,
New Mehrauli Road,
New Delhi - 110 016.
Date: 26/09/2022

Subject: Sophisticated Analytical Instrument Facility (SAIF), Gauhati University, Guwahati
- Release of grant recommended during the year 2021-2022 (General).

ORDER

In supersession of Sanction Order dated 29/03/2022, sanction of the President is hereby conveyed to the release of an amount of **Rs.19,00,000/- (Rupees Nineteen Lakh only)** to the Registrar, Gauhati University, Guwahati- 781 014, recommended during the financial year 2021-2022 as support for maintenance of SAIF centre at Gauhati University.

The amount sanctioned above is for meeting the General/Recurring expenditure for SAIF Centre at Gauhati University, Guwahati and should be utilized only for the same purpose.

2. The amount of **Rs. 19,00,000/- (Rupees Nineteen Lakh only)** will be drawn by DDO, DST and disbursed to the "**CNA account of Autonomous body TDB in respect of Science and Technology Institutional and Human Capacity Building Scheme**".

Name of A/C Holder	Science and technology Institutional and Human Capacity Building TDB
Bank A/C No	60414917022
Name of the Bank & branch	Bank of Maharashtra
RTGS/IFS code	MAHB0000593

3. The amount of **Rs. 19,00,000/- (Rupees Nineteen Lakh only)** will be drawn by the "**CNA account of Autonomous body TDB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, Indian Institute of Technology, Patna**".

The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	GAUHATI UNIVERSITY DST A/C
Bank A/C No	60418863864
Name of the Bank & branch	Bank of Maharashtra & Gauhati
RTGS/IFSC code	MAHB0001275

4. As per Rule 211 of GFRs, the accounts of Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.
5. The Institute will maintain separate audited account for the project and would keep whole of the grant in a bank account earning interest and interest earned should be reported to DST. The interest thus earned will be submitted to Consolidated Fund of India (Bharatkosh) & receipt of the same will be sent to DST.
6. The aforesaid concurrence is subject to the stipulation that continuation beyond 31.03.2021 will be subject to appraisal and approval for continuation of the Schemes under which these projects are funded, as approved by DoE's vide their OM No.42(02)/PF-II/2014, dated 06.08.2020.
7. Grantee Institution is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee institution.
8. As per rule 149 of GFR 2017, the goods (consumables/equipment/Networking items) available in GeM portal are to be procured mandatorily online through GeM (Government E-Market) platform only and the University/ Institute will also follow DOE's guidelines for incurring expenditure under the different sub-head.

9. The grantee organization shall follow the instructions regarding Global Tender Enquiry (GTE) under Rule 161(iv) of General Financial Rules (GFRs) 2017 up to Rs 200 crore vide DoE's OM No. No. F.4/1/2021-PPD, dated 03.08.2021 and subsequently, as amended from time to time. In case any equipment is imported then necessary approval of the competent Authority must be available before the import is made and that will be verified by the IFD before subsequent instalment is released

10. The expenditure involved is to be debited to Demand No.89, Department of Science&Technology

3425 - Other Scientific Research (Major Head),
60 - Others (Sub Major Head)
60.200 - Assistance to other Scientific Bodies (Minor Head)
68 - Science and Technology Institutional and Human Capacity Building
68.04.31 - Grants-in-aid Generals for the year 2022-2023 (Voted)
[Previous: R&D Support: 3425.60.200.68.04.31]

The above release is made under "R&D" Scheme.

11. The IA will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

12. The IA will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

13. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of IF Division of the Department of Science & Technology, New Delhi vide their Concurrence Diary No IFD/C/I /230922/31/00979, dated 23/09/2022

14. Serial number allotted in Register of Grants for Science and Technology Institutional and Human capacity Building is 5.

Suchita Lokhande
26/9/22
(Suchita Lokhande)
Scientist-C

To

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

Copy forwarded for information and necessary action to:

1. The Director of Audit (CW&M II), AGCR Building, I.P. Estate, New Delhi - 110 002.
2. Cash Section, DST. (3-Copies).
3. The Registrar, Gauhati University, Guwahati- 781 014
4. Prof. Utpal Sarma, Head- SAIF, Gauhati University, Guwahati- 781 014
5. I. F. Division, DST, New Delhi.
6. Accounts Section, DST, New Delhi.
7. Sanction Folder (SAIF)
8. Secretary, TDB, New Delhi

Suchita Lokhande
26/9/22
(Suchita Lokhande)
Scientist-C



**DIRECTORATE OF RESEARCH (VETERINARY)
ASSAM AGRICULTURAL UNIVERSITY
KHANAPARA, GUWAHATI-781022**

ORDER

With the approval of the Hon'ble Vice-Chancellor, Assam Agricultural University, sanction is hereby accorded for implementation of the research project entitled "Development of synergistic combination of compounds from synergistic essential oil mixture against *Culex quinquefasciatus* (Diptera: Culicidae)" for a period of 2 years at a total cost of Rs. 7,58,300.00 (Rupees Seven lakhs fifty-eight thousand three hundred only) under the 'Microgrant' component of the DBT-funded Advanced Level State Biotech Hub (ALSBT Hub) project on the terms and conditions detailed hereunder –

1. The Project:

1.1 Title: 'Development of synergistic combination of compounds from synergistic essential oil mixture against *Culex quinquefasciatus* (Diptera: Culicidae)'.

1.2 Name and address of the investigators:

Principal Investigator: Dr. Bulbuli Khanikar, Assistant Professor, Dept. of Zoology, Gauhati University

Co-Investigators: Dr. Sofia Banu, Assistant Professor, Dept. of Bioengineering & Technology, Gauhati University, Guwahati, Pin-781014, Assam.

1.3 Objectives:

1. To develop the synergistic combination of essential oil compounds against *Culex quinquefasciatus*
2. To study the effectiveness of best-developed synergistic combinations obtained from the first objective on different generations of *Cx. quinquefasciatus*
3. To evaluate the effect of the best developed synergistic combination on metabolic detoxification enzyme activities and expression

1.4 Time schedule: The duration of the project is 2 years from the date of this sanction order.

1.5 Project cost:

1.5.1 The total cost of the project cost is Rs. 7,58,300.00 (Rupees Seven lakhs fifty-eight thousand three hundred only) as per the details given below:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	-	-	-
Subtotal (A)	-	-	-
B. Recurring:			
Consumables	4,06,200.00	1,76,000.00	5,82,200.00
Contingencies	60,000.00	60,000.00	1,20,000.00

Travel	10,000.00	10,000.00	20,000.00
Others, if any	-	-	-
Overhead charges	23,800.00	12,300.00	36,100.00
Subtotal (B)	5,00,000.00	2,58,300.00	7,58,300.00
Total (A+B)	5,00,000.00	2,58,300.00	7,58,300.00

1.6. Equipment: Nil

2.1. Terms and conditions:

Detailed Terms and Conditions of the grant are given separately at Annexure-II.

2.2. Memorandum of Agreement: A Memorandum of Agreement (MoA) will be signed between the Director of Research (Veterinary), AAU and the grantee institution on a non-judicial stamp paper of Rs. 100.00 in the enclosed format and the fund will be released subject to submission of signed MoA and Terms & Conditions of the grant.

(Niranjan Kalita)
Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22

Memo No. 99/DRV/341/2022-23/Microgrants/ 5041-49

Dated : 31.10.22

Copy for information and necessary action to:

1. The Secretary to the Hon'ble Vice-Chancellor, Assam Agricultural University, Jorhat-785013. This has reference to the Hon'ble Vice-Chancellor's approval in the N¹³; Dated 15.10.2022
2. The Registrar, AAU, Jorhat-785013
3. The Comptroller, AAU, Jorhat-785013
4. Dr. P. Borah, Professor & Head, Dept. of Animal Biotechnology and Project Coordinator, DBT-funded ALSBT Hub project, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
5. The Registrar, Gauhati University, Gopinath Bordoloi Nagar; Jalukbari, Guwahati – 781014
6. Dr. Bulbuli Khanikar, PI & Assistant Professor, Dept. of Zoology, Gauhati University, Gopinath Bordoloi Nagar; Jalukbari, Guwahati – 781014.
7. Dy. Comptroller, AAU, Khanapara, Guwahati-22
8. Account Section, Directorate of Research (Vety.), AAU, Khanapara, Guwahati-781022
9. Office copy

(Niranjan Kalita)
Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22



**DIRECTORATE OF RESEARCH (VETERINARY)
ASSAM AGRICULTURAL UNIVERSITY
KHANAPARA, GUWAHATI-781022**

ORDER

With the approval of the Hon'ble Vice-Chancellor, Assam Agricultural University, sanction is hereby accorded for implementation of the research project entitled "Development of synergistic combination of compounds from synergistic essential oil mixture against *Culex quinquefasciatus* (Diptera: Culicidae)" for a period of 2 years at a total cost of Rs. 7,58,300.00 (Rupees Seven lakhs fifty-eight thousand three hundred only) under the 'Microgrant' component of the DBT-funded Advanced Level State Biotech Hub (ALSBT Hub) project on the terms and conditions detailed hereunder –

1. The Project:

1.1 Title: 'Development of synergistic combination of compounds from synergistic essential oil mixture against *Culex quinquefasciatus* (Diptera: Culicidae)'.

1.2 Name and address of the investigators:

Principal Investigator: Dr. Bulbuli Khanikar, Assistant Professor, Dept. of Zoology, Gauhati University

Co-Investigators: Dr. Sofia Banu, Assistant Professor, Dept. of Bioengineering & Technology, Gauhati University, Guwahati, Pin-781014, Assam.

1.3 Objectives:

1. To develop the synergistic combination of essential oil compounds against *Culex quinquefasciatus*
2. To study the effectiveness of best-developed synergistic combinations obtained from the first objective on different generations of *Cx. quinquefasciatus*
3. To evaluate the effect of the best developed synergistic combination on metabolic detoxification enzyme activities and expression

1.4 Time schedule: The duration of the project is 2 years from the date of this sanction order.

1.5 Project cost:

1.5.1 The total cost of the project cost is Rs. 7,58,300.00 (Rupees Seven lakhs fifty-eight thousand three hundred only) as per the details given below:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	-	-	-
Subtotal (A)	-	-	-
B. Recurring:			
Consumables	4,06,200.00	1,76,000.00	5,82,200.00
Contingencies	60,000.00	60,000.00	1,20,000.00

Travel	10,000.00	10,000.00	20,000.00
Others, if any	-	-	-
Overhead charges	23,800.00	12,300.00	36,100.00
Subtotal (B)	5,00,000.00	2,58,300.00	7,58,300.00
Total (A+B)	5,00,000.00	2,58,300.00	7,58,300.00

1.6. Equipment: Nil

2.1. Terms and conditions:

Detailed Terms and Conditions of the grant are given separately at Annexure-II.

2.2. Memorandum of Agreement: A Memorandum of Agreement (MoA) will be signed between the Director of Research (Veterinary), AAU and the grantee institution on a non-judicial stamp paper of Rs. 100.00 in the enclosed format and the fund will be released subject to submission of signed MoA and Terms & Conditions of the grant.

(Niranjan Kalita)
Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22

Memo No. 99/DRV/341/2022-23/Microgrants/ 5041-49

Dated : 31.10.22

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3. The Comptroller, AAU, Jorhat-785013
4. Dr. P. Borah, Professor & Head, Dept. of Animal Biotechnology and Project Coordinator, DBT-funded ALSBT Hub project, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
5. The Registrar, Gauhati University, Gopinath Bordoloi Nagar; Jalukbari, Guwahati – 781014
6. Dr. Bulbuli Khanikar, PI & Assistant Professor, Dept. of Zoology, Gauhati University, Gopinath Bordoloi Nagar; Jalukbari, Guwahati – 781014.
7. Dy. Comptroller, AAU, Khanapara, Guwahati-22
8. Account Section, Directorate of Research (Vety.), AAU, Khanapara, Guwahati-781022
9. Office copy

(Niranjan Kalita)
Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22



**DIRECTORATE OF RESEARCH (VETERINARY)
ASSAM AGRICULTURAL UNIVERSITY
KHANAPARA, GUWAHATI-781022**

ORDER

With the approval of the Hon'ble Vice-Chancellor, Assam Agricultural University, sanction is hereby accorded for implementation of the research project entitled "Development of earthworms-microbe formulations for management of refinery sludge" for a period of 2 years at a total cost of Rs. 6,69,000.00 (Rupees Six lakhs sixty-nine thousand only) under the 'Microgrant' component of the DBT-funded Advanced Level State Biotech Hub (ALSBT Hub) project on the terms and conditions detailed hereunder –

1. The Project:

1.1 Title: 'Development of earthworms-microbe formulations for management of refinery sludge'

1.2 Name and address of the investigators:

Principal Investigator: Dr. Hemen Deka, Assistant Professor, Gauhati University, Gopinath Bordoloi Nagar, Jalukbari, Guwahati-781014, Assam

Collaborating PI, if any: Dr. Luit Moni Barkalita, Assistant Professor, Dept. of Animal Biotechnology, College of Veterinary Science, AAU, Khanapara, Guwahati-781022

1.3 Objectives:

1. To characterize refinery sludge and isolation, selection of bacterial candidates for pollutants (heavy metals and hydrocarbons) removal
2. To study the pollutants (heavy metals and hydrocarbons) removal potential of some selected earthworm species from refinery sludge
3. To develop earthworm-bacteria master formulation for recycling of refinery sludge into value added product

1.4 Time schedule: The duration of the project is 2 years from the date of this sanction order.

1.5 Project cost:

1.5.1 The total cost of the project cost is Rs. 6,69,000.00 (Rupees Six lakhs sixty-nine thousand only) as per the details given below:

A. For the PI:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	-	-	-
Subtotal (A)	-	-	-
B. Recurring:			
Consumables	1,80,000.00	92,000.00	2,72,000.00
Contingencies	50,000.00	40,000.00	90,000.00
Travel	10,000.00	10,000.00	20,000.00
Others, if any	-	-	-
Overhead charges	10,000.00	7,000.00	17,000.00
Subtotal (B)	2,50,000.00	1,49,000.00	3,99,000.00
Total (A+B)	2,50,000.00	1,49,000.00	3,99,000.00

B. For the Collaborating PI:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	-	-	-
Subtotal (A)	-	-	-
B. Recurring:			
Consumables	1,30,000.00	1,20,000.00	2,50,000.00
Contingencies	10,000.00	-	10,000.00
Travel	10,000.00	-	10,000.00
Others, if any	-	-	-
Overhead charges	-	-	-
Subtotal (B)	1,50,000.00	1,20,000.00	2,70,000.00
Total (A+B)	1,50,000.00	1,20,000.00	2,70,000.00

1.6. Equipment: Nil

2.1. Terms and conditions:

Detailed Terms and Conditions of the grant are given separately at Annexure-II.

2.2. Memorandum of Agreement: A Memorandum of Agreement (MoA) will be signed between the Director of Research (Veterinary), AAU and the grantee institution on a non-judicial stamp paper of Rs. 100.00 in the enclosed format and the fund will be released subject to submission of signed MoA and Terms & Conditions of the grant.

(Niranjan Kalita)

Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22

Memo No. 99/DRV/341/2022-23/Microgrants/5002-5011

Dated: 31.10.22

Copy for information and necessary action to:

1. The Secretary to the Hon'ble Vice-Chancellor, Assam Agricultural University, Jorhat-785013. This has reference to the Hon'ble Vice-Chancellor's approval in the N¹³; Dated 15.10.2022
2. The Registrar, AAU, Jorhat-785013
3. The Comptroller, AAU, Jorhat-785013
4. Dr. P. Borah, Professor & Head, Dept. of Animal Biotechnology and Project Coordinator, DBT-funded ALSBT Hub project, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
5. The Registrar, Gauhati University, Gopinath Bordoloi Nagar, Jalukbari, Guwahati - 781014
6. Dr. Hemen Deka, Assistant Professor, Gauhati University, Gopinath Bordoloi Nagar, Jalukbari, Guwahati-781014, Assam.
7. Dr. Luit Moni Barkalita, Collaborating PI & Assistant Professor, Dept. of Animal Biotechnology, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
8. Dy. Comptroller, AAU, Khanapara, Guwahati-22
9. Account Section, Directorate of Research (Vety.), AAU, Khanapara, Guwahati-781022
10. Office copy

(Niranjan Kalita)

Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22



**DIRECTORATE OF RESEARCH (VETERINARY)
ASSAM AGRICULTURAL UNIVERSITY
KHANAPARA, GUWAHATI-781022**

ORDER

With the approval of the Hon'ble Vice-Chancellor, Assam Agricultural University, sanction is hereby accorded for implementation of the research project entitled "Exploration of the pharmacological potential of *Myrica. esculenta* in the management of inflammation and myocardial infarction" for a period of 2 years at a total cost of Rs. 8,26,500.00 (Rupees Eight lakhs twenty-six thousand five hundred only) under the 'Microgrant' component of the DBT-funded Advanced Level State Biotech Hub (ALSBT Hub) project on the terms and conditions detailed hereunder –

1. The Project:

1.1 Title: 'Exploration of the pharmacological potential of *Myrica. esculenta* in the management of inflammation and myocardial infarction'

1.2 Name and address of the investigators:

Principal Investigator: Dr. Manas Das, Assistant Professor, Department of Zoology, Gauhati University

Collaborating PI, if any: Dr. Luit Moni Barkalita, Assistant Professor, Dept. of Animal Biotechnology, College of Veterinary Science, AAU, Khanapara, Guwahati-781022

1.3 Objectives:

1. To study the antioxidant activity of *Myrica esculenta* fruits extract
2. To study the cardioprotective effect of *M. esculenta* fruit extract in Isoproterenol induced myocardial infarction model
3. To study the anti-inflammatory activity of *M. esculenta* fruits extract in LPS induced systemic inflammation *in vitro* murine macrophage cell line and *in vivo* animal model

1.4 Time schedule: The duration of the project is 2 years from the date of this sanction order.

1.5 Project cost:

1.5.1 The total cost of the project cost is Rs. 8,26,500.00 (Rupees Eight lakhs twenty-six thousand five hundred only) as per the details given below:

A. For the PI:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	1,30,000.00	-	1,30,000.00
Subtotal (A)	1,30,000.00	-	1,30,000.00
B. Recurring:			
Consumables	2,00,000.00	1,71,500.00	3,71,500.00
Contingencies	10,000.00	10,000.00	20,000.00
Travel	10,000.00	5,000.00	15,000.00
Others, if any	-	-	-
Overhead charges	5,000.00	5,000.00	10,000.00
Subtotal (B)	2,25,000.00	1,91,500.00	4,16,500.00
Total (A+B)	3,55,000.00	1,91,500.00	5,46,500.00

B. For the Collaborating PI:

Budget head	Year I (Rs.)	Year II (Rs.)	Total (Rs.)
A. Non-recurring:			
Equipment and accessories	-	-	-
Subtotal (A)	-	-	-
B. Recurring:			
Consumables	1,10,000.00	1,10,000.00	2,20,000.00
Contingencies	20,000.00	20,000.00	40,000.00
Travel	10,000.00	10,000.00	20,000.00
Others, if any	-	-	-
Overhead charges	-	-	-
Subtotal (B)	1,40,000.00	1,40,000.00	2,80,000.00
Total (A+B)	1,40,000.00	1,40,000.00	2,80,000.00

1.6. Equipment: Details of the equipment sanctioned for the project are given at Annexure-I.

2.1. Terms and conditions:

Detailed Terms and Conditions of the grant are given separately at Annexure-II.

2.2. Memorandum of Agreement: A Memorandum of Agreement (MoA) will be signed between the Director of Research (Veterinary), AAU and the grantee institution on a non-judicial stamp paper of Rs. 100.00 in the enclosed format and the fund will be released subject to submission of signed MoA and Terms & Conditions of the grant.

(Niranjan Kalita)

Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22

Memo No. 99/DRV/341/2022-23/Microgrants/ 4983-92
Copy for information and necessary action to:

Dated: 31.10.22

1. The Secretary to the Hon'ble Vice-Chancellor, Assam Agricultural University, Jorhat-785013. This has reference to the Hon'ble Vice-Chancellor's approval in the N¹³, Dated 15.10.2022
2. The Registrar, AAU, Jorhat-785013
3. The Comptroller, AAU, Jorhat-785013
4. Dr. P. Borah, Professor & Head, Dept. of Animal Biotechnology and Project Coordinator, DBT-funded ALSBT Hub project, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
5. The Registrar, Gauhati University, Gopinath Bordoloi Nagar, Jalukbari, Guwahati - 781014
6. Dr. Manas Das, PI & Assistant Professor, Dept. of Zoology, Gauhati University, Gopinath Bordoloi Nagar, Jalukbari, Guwahati - 781014
7. Dr. Luit Moni Barkalita, Collaborating PI & Assistant Professor, Dept. of Animal Biotechnology, College of Veterinary Science, AAU, Khanapara, Guwahati-781022
8. Dy. Comptroller, AAU, Khanapara, Guwahati-22
9. Account Section, Directorate of Research (Vety.), AAU, Khanapara, Guwahati-781022
10. Office copy

(Niranjan Kalita)

Director of Research (Veterinary)
AAU, Khanapara, Guwahati-22



Diganta Narzary <d_narzary@gauhati.ac.in>

DPR Submission of NEC Project - Urgent

MANTU BHUYAN <mantubhuyan@neist.res.in>

8 December 2022 at 15:30

To: sgaurav@iitb.ac.in, sv.patil@vssugar.org.in, d_narzary@gauhati.ac.in, sudipmitra@iitg.ac.in

Cc: "ketaki.bapat" <ketaki.bapat@nic.in>, Director NEIST <director@neist.res.in>, KALYANI MEDHI <kalyani@neist.res.in>

Dear Pls

Greetings from CSIR-NEIST, Jorhat.

I like to inform you that NEC has approved the project you had submitted for funding. The approved budget of your project is

attached. The NEC has given the responsibility to CSIR-NEIST for implementation (monitoring etc.) of the projects.

In this regard, I am requesting you to submit the DPR of your project incorporating all the suggestions of the reviewers and modify the budget as per the approved budget.

Please submit the DPR by 1st half of 12 December, 2022 to the undersigned, so that we can compile and submit to NEC. After

receiving your DPR, if necessary, we will organize an online meeting with you all. In the meantime, if you have any query, pl contact with the undersigned.

With regards,

Mantu

Dr. Mantu Bhuyan

Principal Scientist

CSIR-North East Institute of Science & Technology

(A National R & D Institute of CSIR, Govt of India)

Jorhat - 785006

Assam, India

EMAIL: mantubhuyan@gmail.com/ mantubhuyan@neist.res.in

Phone: 094353 50172



Approved Project.pdf

418K

Approved Project from North Eastern Council, Shillong

Sl No	Title of the Project	Project Duration	Institute	Approved Fund (in Cr)
1	Dissemination of 'Taraltec reactors' for access to clean drinking water for people in rural areas of North-East regions-IIT Bombay	12 months	IIT Bombay	0.507
2	High tech at the door-step of marginalized: Treadle Pump, Jalkund coupled with Drip Kit for marginal farmers in North Eastern Region	12 months	IIT Bombay	0.945
3	Subjee Cooler: High tech at the door-step of marginal farmers in North Eastern Region	12 months	IIT Bombay	1.268
4	Investigations and development of fruit wines from North Eastern Fruits	2 Years	Vasantdada Sugar Institute, Pune	0.604
5	Technology intervention on traditional rice beer of north east India for commercialization and boost socioeconomic Development to the region	3 Years	Gauhati University, Guwahati, Assam	0.6678
6	Soil Fertility Test using Soil Organic Carbon Detection Kit: Capacity Building & Implementation in Assam, NE India	2 Years	IIT Guwahati	0.5646

FILE NO. CRG/2022/001313

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 19 December, 2022

ORDER

Subject: Financial Sanction of the research project titled **RATIONAL DESIGN OF SOME NOVEL ORGANIC PHOTOVOLTAIC MATERIALS IN THE CONTEXT OF DENSITY FUNCTIONAL THEORY** under the guidance of Dr. Dhruva Jyoti Kalita, Department of Chemistry, Gauhati University, Jalukbari, guwahati, assam, Guwahati, Assam-781014 - 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. 3591764/- (Rs. Thirty Five Lakh Ninety One Thousand Seven Hundred and Sixty Four Only)** with break-up of **Rs. 1800000/- under Capital (Non-recurring) head and Rs.1791764/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3591764/-** has been approved are given below:

The following budget may be considered for **Gauhati University, Jalukbari, Guwahati, Assam**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> HPC Compute node -> Desktop -> Laptop	1800000
A'	Total (Non-Recurring)	1800000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1350240 95000 20000
2	Recurring - IV : (Overhead Charges)	326524
B'	Total (Recurring)	1791764
C	Total cost of the project (A' + B')	3591764

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

3. 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.

4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. 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.


7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

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

9. 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.

10. The research personnel 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

11. 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.
12. The project File no. CRG/2022/001313 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
13. 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 SERB.
14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

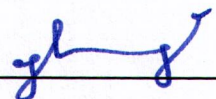


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<p>Dr. Dhruba Jyoti Kalita Department of Chemistry Gauhati University , Jalukbari, guwahati, assam, Guwahati, Assam-781014 Email: dhrubajyoti.kalita@gauhati.ac.in Mobile: 919854630027</p> <p>(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, Gauhati University, Jalukbari, Guwahati, Assam</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>



(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. CRG/2022/001313-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

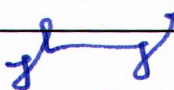
Dated: 19 December, 2022

ORDER

Subject: Research project entitled **RATIONAL DESIGN OF SOME NOVEL ORGANIC PHOTOVOLTAIC MATERIALS IN THE CONTEXT OF DENSITY FUNCTIONAL THEORY** under the guidance of Dr. Dhruba Jyoti Kalita, Department of Chemistry, Gauhati University, Jalukbari, Guwahati, Assam, Guwahati, Assam-781014.

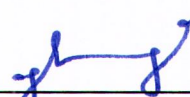
1. In continuation of SERB's sanction order No. CRG/2022/001313 dated 19 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 610600/-** under 'Grants-in-aid General' to Gauhati University, Jalukbari, Guwahati, Assam, Guwahati, Assam-781014 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 19 December, 2022.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Inorganic Physical Chemistry**) (General) .
5. The Sanction has been issued with the approval of the competent authority on **12 December, 2022** and vide Diary No. **SERB/F/7999/2022-2023** dated **12 December, 2022**..
6. The release amount of **Rs. 610600/-** (Rupees Six Lakh Ten Thousand Six Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	GAUUNIV
Account Name	General Account Guwahati University
Account Number	38422220812
Bank Name & Branch	State Bank of India Gauhati University Branch, Gauhati University Campus, Guwahati-781014
IFSC/RTGS Code	SBIN0002060
Email id of A/C Holder	registrar@gauhati.ac.in
Email id of PI	dhrubajyoti.kalita@gauhati.ac.in


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Dhruba Jyoti Kalita Department of Chemistry Gauhati University, Jalukbari, guwahati, assam, Guwahati, Assam-781014 Email: dhrubajyoti.kalita@gauhati.ac.in Mobile: 919854630027 (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, Gauhati University, Jalukbari, Guwahati, Assam (Receipt of Grant may be intimated by name to the undersigned)


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. CRG/2022/001313-C
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

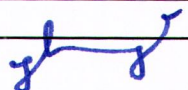
Dated: 19 December, 2022

ORDER

Subject: Research project entitled **RATIONAL DESIGN OF SOME NOVEL ORGANIC PHOTOVOLTAIC MATERIALS IN THE CONTEXT OF DENSITY FUNCTIONAL THEORY** under the guidance of Dr. Dhruba Jyoti Kalita, Department of Chemistry, Gauhati University, Jalukbari, guwahati, assam, Guwahati, Assam-781014.

1. In continuation of SERB's sanction order No. CRG/2022/001313 dated 19 December, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1800000/-** under 'Grants-in-aid Capital' to Gauhati University, Jalukbari, Guwahati, Assam, Guwahati, Assam-781014 being the grant for the financial year 2022-2023 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 19 December, 2022.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (**PAC Inorganic Physical Chemistry**) (Capital).
5. The Sanction has been issued with the approval of the competent authority on **12 December, 2022** and vide Diary No. **SERB/F/7998/2022-2023** dated **12 December, 2022**.
6. The release amount of **Rs. 1800000/-** (Rupees Eighteen Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

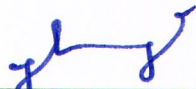
PFMS Unique Code	GAUUNIV
Account Name	General Account Guwahati University
Account Number	38422220812
Bank Name & Branch	State Bank of India Gauhati University Branch, Gauhati University Campus, Guwahati-781014
IFSC/RTGS Code	SBIN0002060
Email id of A/C Holder	registrar@gauhati.ac.in
Email id of PI	dhrubajyoti.kalita@gauhati.ac.in


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
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4.	Dr. Dhruba Jyoti Kalita Department of Chemistry Gauhati University, Jalukbari, guwahati, assam, Guwahati, Assam-781014 Email: dhrubajyoti.kalita@gauhati.ac.in Mobile: 919854630027 (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, Gauhati University, Jalukbari, Guwahati, Assam (Receipt of Grant may be intimated by name to the undersigned)


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in



Dr.Pratishtha Pandey
Scientist 'F' &Head
R&D Infrastructure Division
Email: pratishtha.tp@nic.in
Tel.: 011-26590452

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलाजी भवन नया महरौली मार्ग
नई दिल्ली- 110016
Government of India
Ministry of Science &Technology
Department of Science & Technology
Technology Bhawan, New Mehrauli Marg
New Delhi - 110016

SR/PURSE/2022/116

13 January 2023

Subject: Proposal under "PURSE 2022 Program (Special Call) " [TPN -84912]

Dear Sir,

Kindly refer to your captioned proposal submitted by Gauhati University, Assam for support under the PURSE 2022 Program (Special Call) of DST. I am pleased to inform you that the proposal has been in principle approved for support based on the recommendation of the Program Management Board (PMB). The details of the recommendation for 4 years' duration of the project are given below:

[Equipment -**Rs 9.1 Crores**, {Cellinsight CX7 Pro HCS platform, Photoluminescence Spectrometer (with accessories), Raman Spectrophotometer, Circular Dichroism, Flow Cytometer, GCMS Preparatory HPLC with detectors, Surface area analyser, High Performance Computational Facility with Softwares, Fluorescence Inverted Microscope, Multimode Plate Reader, 2D Gel Electrophoretic System, ChemiDoc IR Spectrophotometer, UV Visible Spectrophotometer, Thermal Deposition Set-up, Cryo Microtome, CO2 incubator, -20°C Freezer (2Nos), Safety infrastructure for management of hazardous waste} Manpower -**Rs 1.56 Crores** {Laboratory Assistant/Technician/Technical Assistant/Field Assistant- 1 Nos, Project Associate-I- 4 Nos, Project Associate-II- 3 Nos }, Consumables-Rs. 1.04 crores, Seminar/Workshop/Conferences - **Rs 0.26 Crores**, Travel -**Rs 0.13 Crores**, Maintenance of Facilities -**Rs 0.26 Crores**, SSR Activities-**Rs 0.13 Crores**, Hand holding of Start-ups & Industrial Collaboration -**Rs 0.26 Crores**, Over Head charges- **Rs 0.26 Crores**].

Total - Rs 13.0 Crores

Over expenditure /Price Escalation towards any of the recommended budget heads will be borne by the University.

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the Upper Limit of the Budget as they are purely based on recommendations. However, University shall now finally firm-up specifications/ configurations of each Equipment as recommended above to be acquired by the University and actual cost of this project shall be firm up based on budgetary estimates/quotations submitted. The type of equipment and its specifications/ configurations/other budget heads would not be possible to change during the course of implementation of the said project. PMB also recommended that a budget for safety infrastructure for the institutions shall be made mandatory for the proposals to be considered under PURSE Program. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please upload the following documents you are requested to please upload the following documents by (20th January 2023) only through e-PMS web portal of the DST using the registered USER ID and PASSWORD:

Continued

University are also requested for uploading all documents as a single PDF file through e-PMS web portal by 20th January 2023 in the following order:

Sr. No.	Documents required
1.	Copy of this Award letter
2.	The project implementation group (Designation, Age, Mobile no, Department, role in the project implementation) in a tabular form Signed By Vice- Chancellor
3.	Total Budget summary sheet for 4 years
4.	List of the Research Equipment with Cost in INR (as per quotation), Quotation page number in the whole pdf (one quotation for each equipment)
5.	Detailed Plan/ Component wise breakup of Safety infrastructures for management of hazardous waste along with Quotations
6.	Budget summary for manpower sheet for 4 years (Designation ,emoluments ,HRA% in a tabular form (as per DST OM SR/S9/Z-05/2019 Dated 10.07.2020)
7.	Detailed plan for SSR and Hand holding of Start-ups & Industrial Collaboration(One page for each activity)
8.	Duly signed copy of Terms & Conditions. (Copy of the format is attached with this letter]
9.	Bond Between DST and University (Format will be downloadable from http://www.fist-dst.org),this required only for private universities
10.	Commitment letter from your institute (signed by Competent authorities) towards sharing 25 % of the total sanctioned amount for the above said project.(for Private Institutions)
11.	Undertaking and Details of Bank A/c (Guidelines and OM attached) to align your organization with the CNA system, For more details please see the link : https://dst.gov.in/sites/default/files/DST%20Scheme%20%5B1817-STIHCB%5D%20-%20CNA%20Particulars.pdf
12.	Details of Public Financial Management System (PFMS) registration of the University/ Institute for Scheme: Science & Technology Institutional and Human Capacity Building (Code 1817).

Please do not send these documents in parts or by e-mail at the last moment. Incomplete documents submitted by university would be unable to process for releasing grants. Kindly send the above information along with acceptance for taking up the project at the earliest to enable us to process the project for release of grant. In case we do not receive the abovementioned documents/ information within **20th January 2023**, it would be presumed that the university is not interested in this project and the offer would automatically stand withdrawn. **Kindly Submit all the above-mentioned documents through e-PMS Web portal only.**

Any further correspondence may please be sent directly to my colleague **Dr. Shivaprasad** (E-mail: shiva.prasad@nic.in; Phone: 011-29512324) he will be handling the project henceforth. I shall remain accessible to you for all project related matters, in case there is any such need from your part.

With best regards

Pratishtha Pandey
(Dr. Pratishtha Pandey)

To,
Prof. Prodeep Phukan
Department of Studies in Chemistry
Gauhati University
Kamrup, Gopinath Bordoloi Nagar, Jalukbari, Guwahati
Assam 781014
8638241720



Dr. Pratishtha Pandey
Scientist 'F' & Head
R&D Infrastructure Division
Email: pratishtha.tp@nic.in
Tel.: 011-26590452

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली - 110016
Government of India
Ministry of Science & Technology
Department of Science & Technology
Technology Bhawan, New Mehrauli Marg
New Delhi - 110016

20 January 2023

Subject: Support to SAIF Centre of DST regarding:

Dear Prof. Utpal Sarma,

This is in reference to your proposal and presentation in the Steering Committee Meeting of SAIF Program on 15th December 2022 for support under the ongoing SAIF Program of DST. Based on the recommendations of Steering Committee, I am pleased to inform you that the following support has been recommended to strengthen the analytical facilities. The details of recommendations are given below:

To strengthen the research facilities in the SAIF Centre

**Rs. 2.0 Crores for SCXRD [Capital]
Rs. 0.11 Crores for Maintenance [General]**

Total: Rs. 2.11 Crores

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the Upper Limit of the Budget as they are purely based on recommendations. However, SAIF Center shall now finally firm-up specifications/ configurations of each Equipment as recommended above to be acquired by the SAIF Center and actual cost of this project shall be firm up based on budgetary estimates/quotations submitted.

SAIF Center is also requested for sending all documents as a single PDF file through email by 25th January 2023 in the following order:

Sr. No	Documents required
1.	Copy of this Award letter
2.	Utilization Certificate and Statement of Expenditure for last F.Y. 2021-2022, including Bharatkosh Receipts.
3.	List of the Research Equipment with Cost in INR (as per quotation), Quotation page number in the whole pdf (one quotation for each equipment)
4.	Undertaking and Details of Bank A/c (Guidelines and OM attached) to align your organization with the CNA system, For more details please see the link : https://dst.gov.in/sites/default/files/DST%20Scheme%20%5B1817-STIHC8%5D%20-%20CNA%20Particulars.pdf
5.	Details of Public Financial Management System (PFMS) registration of the University/ Institute for Scheme: Science & Technology Institutional and Human Capacity Building (Code 1817).

Continued

Please do not send these documents in parts. Incomplete documents submitted by SAIF Center would be unable to process for releasing grants. Kindly submit all the above-mentioned documents through Email as a single PDF File by **25th January 2023**.

Any further correspondence may please be sent directly to my colleague *Dr. Shivaprasad* (E-mail: shiva.prasad@nic.in; Phone: 011-29512324) he will be handling the project henceforth. I shall remain accessible to you for all project related matters, in case there is any such need from your part.

With best regards

Pratishtha Pandey

(Dr. Pratishtha Pandey)

To
Prof. Utpal Sarma
Head,
SAIF Gauhati University
Guwahati 781014, Assam. India

108-109

9/10

Administrative

No. BT/NER/143/SP44492/2021
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-Programme)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003

Dated: 13/02/2023

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 for the implementation of the project entitled " *DBT-NER Institutional Biotech Hub at Gauhati University, Guwahati, Assam (Phase-II)*" for a period of 3 Years 0 Month at a total cost of Rs. 3120110/- (Rupees Thirty One Lakhs Twenty Thousand One Hundred and Ten Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : *DBT-NER Institutional Biotech Hub at Gauhati University, Guwahati, Assam (Phase-II)*

2.2 Details of the Investigators:

Dr. Debasish Borbora
Assistant Professor,
Department of Biotechnology
Gauhati University,
Guwahati

CO-PI:

Dr. Hridip Kumar Sarma
Associate Professor
Department of Biotechnology
Gauhati University,
Gawahati

Dr. Shyam Sundar Swargiary
Assistant Professor
Department of Biotechnology
Gauhati University,
Guwahati

2.3 Objectives:

1. IBH-GU will conduct two hands-on trainings courses /workshops (2-3 days) every year (six in total) targeting UG, PG, and PhD students in biological sciences:
2. IBH-GU will conduct one outreach activity each year. To conduct these community

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Vaishali

Page No. [1 / 7]

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'एफ' / Scientist 'F'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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2.4 Time Schedule:

The duration of the project is **3 Years 0 Month** from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **3120110/-**(Rupees Thirty One Lakhs Twenty Thousand One Hundred and Ten Only) as per details given below:

S. No.	Item	Year I	Year II	Year III	Total
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3	GIA-General (Manpower)	556800.00	556800.00	556800.00	1670400.00
4	GIA-General (Overhead)	50000.00	50000.00	50000.00	150000.00
	Total	1206510.00	956800.00	956800.00	3120110.00

**Includes Consumables, Travel, Contingency, Training/Workshop/Outreach/ Awareness/ Popular lecture.*

2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

3. Head of Account:

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भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



गोविन्द बल्लभ पन्त राष्ट्रीय हिमालयी पर्यावरण संस्थान
G. B. Pant National Institute of Himalayan Environment
(An Autonomous Institute of Ministry of Environment, Forest and Climate Change, Govt. of India)
Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

No.: GBPI/IERP/22-23/49/

Date: 30 March 2023

To,
The Registrar,
Gauhati University, Guwahati - 781 103,
Assam.

Subject: Financial assistance for the project entitled "Regenerative agriculture strategies for restoring fallow *Jhum* lands for sustainable livelihood and food production" under the guidance of Dr. Hemen Deka, Department of Botany, Gauhati University, Guwahati, Assam, as a Principal Investigator (PI).

Sir,

I am directed to convey the sanction of the above-mentioned project at a total cost of Rs. 12, 89,200/- (Rs. Twelve lakh eighty nine thousand two hundred only) for three years as per break-up given below:

Heads	First Year (in Rs.)	Second Year (in Rs.)	Third Year (in Rs.)	Total (in Rs.)
A. Salaries/Wages (i) Project Assistant (One) @ Rs. 12,000 p.m.(fixed)	1,44,000/-	1,44,000/-	1,44,000/-	4,32,000/-
B. Consumable (Chemicals and Glassware, etc.)	50,000/-	50,000/-	50,000/-	1,50,000/-
C. Travel/POL	50,000/-	40,000/-	50,000/-	1,40,000/-
D. Contingencies (including cost of preparation of APR/FTR/PC, etc.)	80,000/-	80,000/-	50,000/-	2,10,000/-
E. Non-Consumables/ Equipment Workstation HP Z8 G4 (H)	2,40,000/-	-	-	2,40,000/-
Total (A to E)	5,64,000/-	3,14,000/-	2,94,000/-	11,72,000/-
F. Institutional/Overhead Charges 10%*				1,17,200/-
Grand Total (A to F)	5,64,000/-	3,14,000/-	2,94,000/-	12,89,200/-

* Institutional/Overhead Charges (based on the actual expenditures incurred) for the complete tenure of the project will be processed/released by the Institute only on receipt of all the requisite project documents [including Final Technical Report (FTR), etc.] as well as a requisite certificate from the grantee organization/PI after the completion of the project.

2. Sanction is also accorded for the release of an amount of Rs. 5,74,000/- (Rs. Five lakh seventy four thousand only) as first installment of the grant for the first year as per details given below -

Head of expenditure	Amount (in Rs.)
(a) Salary	1,44,000/-
(b) Consumable	50,000/-
(c) Travel/POL	50,000/-
(d) Contingency	80,000/-
(e) Non-Consumable Equipment	2,40,000/-
Total	5,64,000/-

3. The sanction of the grant is subject to the conditions given in Annexure - I.

4. Based on the terms and conditions given in Annexure - I, action is being taken for the drawl of the sanctioned amount of the first installment of the first year's grant during the financial year 2023-2023.

5. The Drawing and Disbursing Officer, G.B. Pant Institute of Himalayan Environment, will draw the amount of Rs. 5,64,000/- (Rs. Five lakh sixty four thousand only) Kosi-Katarmal, Almora, Uttarakhand. They will be disbursed through NEFT/RTGS/PFMS in favour of **the Registrar, Gauhati University, Guwahati, Assam.**

6. The amount will be debitible to major Head "IERP" under sub-head 'Support to Project (External)' for the period 2022-2023

7. The sanction has been issued under the powers delegated to the Institute and with the concurrence of the Competent Authority.

Encl.: Annexure - I.

Yours Sincerely,

(Dr. I.D. Bhatt)
Scientist-in-Charge, IERP

Copy for information and necessary action to:

1. The Accounts Officer, GBPNIEH, Kosi-Katarmal, Almora, Uttarakhand, for necessary action (2 copies).

2. **Dr. Hemen Deka**, Assistant Professor, Department of Botany, Gauhati University, Guwahati, Assam. **Annexure - I (IERP guidelines)** is enclosed herewith for your ready reference. Please send your acceptance for the terms and conditions of this sanction letter so that the sanctioned amount could be sent.

I. Following may please be ensured/noted.

1. The P.I. need to address the suggestions made by Committee in the project activities with due reporting to GBPNIHE regarding how these minor changes will be addressed.
2. The activities in the project must be ensured to scaling up the beneficiaries in demonstration site.
3. The PI will present the progress report of the project work in front of the Project Evaluation Committee (PEC) & Expert panel as and when asked by the funding agency. The Contingency head of the project grant will meet the expenditure.
4. As soon as the project is started as per the terms and conditions of the project grant, the date of start of the project and the date of joining of the sanctioned project staff, along with a copy of the selection committee's report, should be communicated to the Institute.
5. The project grant sanctioned as above is final and will not be enhanced under any head of the project in view of the decision of the PEC.
6. The Institute will release the grants from the 2nd year onwards based on the actual expenditures (which should not exceed the original sanction) incurred in the previous year by the Principal Investigator/grantee organization.

II. Please note that the second year's grant under the project will be processed/released by the Institute upon receipt of the following documents.

- 1) Soft copy of the **Annual Progress Report** in advance through e-mail (ierp@rediffmail.com).
 - 2) First year's detailed ANNUAL PROGRESS REPORT (5 copies; duly bound) as per outlines given in Appendix IV (attached with Annexure – I)
 - 3) UTILIZATION CERTIFICATE and EXPENDITURE STATEMENT for the project's first year, as outlined in Appendix II and III (attached with Annexure – I).
 - 4) Refund of **BANK INTEREST** of the project grant if any, through NEFT **GBPNIHE-GIA-General, A/c No. 3604013559, Central Bank of India, IFSC : CBIN0281528**, and send the proof of deposit amount to the Institute.
3. Sanction folder/G.F.
4. Office copy to the project file.


(I.D. Bhatt)
Scientist-in-Charge, IERP



Ref No.: COE/PROJ/31/5047

Date: 01.05.2023

**Department of Geological Sciences
Gauhati University
Guwahati, Assam- 781014
Prof. Sarat Phukan
E-mail: saratphukan@gauhati.ac.in**

Sub: Letter of Award (LOA) of contract for Collaborative study with Gauhati University on “Litho-structural analysis and identification of potential zones of petroleum seepages in parts of the Naga Schuppen Belt, Assam-Arakan Basin: A Remote Sensing and Field Techniques Approach”

Sir(s),

We refer to your project proposal dtd 14/12/2022 we have the pleasure in awarding you our firm **Contract No. 6209160** for the above described service, at a total estimated contract cost of **Rs. 14,52,000.00 (Rupees Fourteen Lakhs Fifty Two Thousand only)** inclusive of all taxes and duties but exclusive of GST which will be extra to OIL's account. The charges related to the contract will be as follows:

Sl No.	Description	UOM.	Qty.	Unit Rate (Rs.)	Amount (excl. GST) (Rs.)
01	Cost for Field Work, travel and lab visit	LSM	1	5,00000.00	5,00,000.00
02	Cost of Manpower: Project Associate (PA) [1No.]	LSM	1	Salary: @ 30,000/- per month for 2 years	7,20,000.00
03	Contingency charges	LSM	1	1,00,000.00	1,00,000.00
04	Overhead charges	LSM	1	10% of the Total amount excluding Fieldwork, Travel & Laboratory visits.	1,32,000.00
Total Estimated Contract Cost excluding GST (Rs.)					14,52,000.00

Annexure-I

- 2.0 Duration of Contract:** 2 (Two) years w.e.f. 01.05.2023
- 3.0 Terms of Payment:** Payment shall be released in the following manner and as per terms of payment mentioned under General Conditions of Contract:
- i. 20% of the total contract cost to be issued in advance (interest free & without any bank guarantee) immediately after award within two months, against submission of Invoice.
 - ii. 20% of the total contract cost within 6 months from the date of award subject to satisfactory progress of the project (as certified by OIL), against submission of Invoice.
 - iii. 20% of the total contract cost within 12 months from the date of award subject to satisfactory progress of the project (as certified by OIL) against submission of invoice.
 - iv. 30% of the total contract cost within 18 months from the date of award subject to satisfactory progress of the project (as certified by OIL) against submission of invoice.
 - v. 10% of the total contract cost within 24 months from the date of award after submission of final report subject to satisfactory completion (as certified by OIL) against submission of invoice.
- 4.0 Performance Security:** Not Applicable
- 5.0** All terms and conditions will be guided by the General Conditions of Contract, Scope of Work/Special Conditions of Contract and Schedule of Rates are enclosed herewith as **Annexure-I**.
- 6.0** Please consider this LOA as a binding contract between you and OIL INDIA LTD. All attachment to this LOA is also an integral part of the contract. No separate agreement is required to be signed by you.
- 7.0** Please acknowledge receipt of this Letter of Award and return one copy of this letter duly signed and sealed by your authorized personnel as a token of acceptance.

Thanking you,

Yours faithfully,
Oil India Limited

**BALEN
BHARALI** Digitally signed by
BALEN BHARALI
Date: 2023.05.13
08:19:47 +05'30'

Balen Bharali
Dy. General Manager (Materials)-PL (i/c)
For Executive Director-PLS



Pushkar Pathak
Systems Analyst
RP Division Incharge
Tel #011-26716690
E-mail: rpdivision@icssr.org

Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No.02/164/2022-23/ICSSR/RP/MN/ST

Dated: 05-05-2023

The Registrar
Gauhati University
Gauhati University, Guwahati
Assam: - 781014

Subject: Sanction of **Minor Research Project** entitled “**A Climate Change Mitigation and Food Protection in Assam: Indigenous management system of natural resources among tribal and Non-tribal**” to **Dr. Jyotishman Taya, Assistant Professor, Department of Anthropology, Gauhati University, Guwahati-781014, Assam.**

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) approved the award of “ **A Climate Change Mitigation and Food Protection in Assam: Indigenous management system of natural resources among tribal and Non-tribal.** ” the above Minor Research Project submitted by **Dr. Jyotishman Taya, Assistant Professor, Gauhati University** of your Institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs.500000 /-** (Rupees Five Lakh Only) for the above Research Project and the grant will be released as follows:

First instalment (40 % of Instalment)	:Rs. 200000 /-
Second instalment (40 % of Instalment)	:Rs. 200000 /-
Final instalment (15 % of Instalment)	:Rs. 75000/-
Publication Cost (5% of Instalment)	:Rs. 25000/-
Total	:Rs. 500000/-
Overhead charges over and above 5% or maximum Rs.100000	:Rs. 25000/-**

* This is to be retained by the ICSSR. ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

** This amount will be released on successful completion of project after evaluation.
(The break-up budget approved by the ICSSR of Rs.500000 /- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization.

P Pathak

5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:
 - a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
 - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case:
6. The Second instalment will be released after receiving a satisfactory **Six Months** progress report along with a Budget statement of account of the account for the first instalment (Depending upon the duration of the Project).
7. The Third/Final instalment will be released on the receipt of:
 - (a) Satisfactory book length of the Final Report (Two Hard Copies plus one Soft Copy in CD or Pen-Drive) in the publishable form after incorporating all corrections, suggestions of the expert.
 - (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution.
 - (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution
8. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion. Non –Compliance to the condition may lead to action against the Project Director by ICSSR.
9. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **Overhead Charges @ 5%** of the total expenditure incurred on the project only after successful completion of the project.
10. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
11. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
12. The Director of the research project will be **Dr. Jyotishman Taye**, who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is **1st May 2023** as intimated by the Project Director.
13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the researcher may be debarred from availing all future financial assistance and ICSSR may take any necessary action against the Project Director/Affiliating Institute as it is deem fit.
14. All grants from ICSSR are subject to the general provision of GFR 2017.
15. The Project Director will ensure that the expenditure incurred by him/her conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org and other relevant Orders / Guidelines passed by ICSSR time to time.**

J. Kathak

16. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**
17. All project instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.
18. As per MOE instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,



(Pushkar Pathak)

for MEMBER-SECRETARY

Encl: as above

Copy to:



1. **Dr. Jyotishman Taya**
Assistant Professor
Department of Anthropology Gauhati
University, Guwahati-781014, Assam

2. Finance Branch, ICSSR, New Delhi

3. Record file



(Pushkar Pathak)

for MEMBER-SECRETARY

PROJECT BUDGET

Title: **A Climate Change Mitigation and Food Protection in Assam: Indigenous management system of natural resources among tribal and Non-tribal.**

By: **Dr.Jyotishman Teye**

S.No	Heads of Expenditure	Value (Rs.)
1	Project Director/Co-PD	--
2	Research Staff: Full time/part time/Hired services	Not exceeding 45% of the total budget
3	Field work	Not exceeding 35%
4	Equipment and study material	Not exceeding 10%
5	Contingency	Not exceeding 5%
6	Publication of report	5%*
	Grand Total	100%
	Institutional Overheads (over and above the total cost of the project)	Affiliating Institutional overheads @ 5% of the approved budget, subject to a maximum upper limit of Rs.1,00,000/-

* The five percent (5%) publication amount will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.

➤ **Remuneration and Emoluments of Project Staff**

- Project staff could be engaged by the Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules.
- Research Associate @Rs.20,000/- p.m. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET/M.Phil/Ph.D).
- Research Assistant @Rs.16,000/- p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55% marks.
- Field Investigator @ Rs.15,000/- p.m. (not exceeding 6 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)
- Retrospective payment for work already done is not permissible.

➤ **Re-appropriation:** The Project Investigator may with the permission of the Institution, re-appropriate expenditure from one sub-head to another, subject to a maximum of 10% of the particular budget heads. If the study necessitates re-appropriation beyond 10%, it may be done only after the approval of the ICSSR.

➤ **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department)/Dean of relevant faculty duly approved by the competent authority.

➤ **For all field work related expenses** of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.

➤ **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.

➤ **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.

➤ The scholar should acknowledge the support of ICSSR in all publications resulting from the research project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.

Jyotishman Teye

SERB-Notification

1 message

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

8 May 2023 at 12:20



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
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Approval LetterFile Number: SUR/2022/004230

Dated: 08-May-2023

Subject: Project titled "Dynamics of three-dimensional excitation waves in presence of inert heterogeneities of complex and arbitrary shapes in a reaction diffusion system".

Dear Dr. Dhriti Mahanta,

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

The committee recommended the following budget**Manpower : -> Project Associate-I - 1****Equipment Details : Rs. 715400****-> DC- Regulated Fiber Optic Illuminator - 1****-> Analytical Balance - 1****-> CCD camera - 1****-> Magnetic Stirrer with heating - 3****-> Desktop Computer - 1****-> Printer - 1****-> Optical breadboard - 2****Consumables : Rs. 500000****Travel Cost : As per norms****Contingencies : As per norms****Overhead : As per norms**

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

1. Go to www.serbonline.in through your credentials
2. Go to Menu --> Proposal submission --> View submitted proposals

3. Click on the link under Status column "Proposal Approved, Acknowledgment pending from PI"

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

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

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **SUR/2022/004230** may also be mentioned in all research communications arising from the above project.

Yours sincerely,

(Dr. V Ramesh)

Email: ms_pac_sure@serbonline.in

Dr. Dhriti Mahanta

Chemistry

Gauhati University , Jalukbari, Guwahati, Assam, Guwahati, Assam-781014

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kuladip.sarma <kldpsarma306@gmail.com>

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1 message

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To: serbinfo1@gmail.com

Mon, May 8, 2023 at 4:25 PM

**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
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016Approval LetterFile Number: SUR/2022/004521

Dated: 08-May-2023

Subject: Project titled "DISTRIBUTION MODELLING, HABITAT OCCUPANCY AND CONSERVATION PRIORITIZATION OF WESTERN HOOLOCK GIBBON IN ASSAM-GARO HILLS LANDSCAPE, INDIA: AN INTEGRATED METHODOLOGICAL APPROACH TOWARDS CONSERVATION."

Dear Dr. Kuladip Sarma,

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

The committee recommended the following budget

Manpower :-> Junior Research Fellow - 1
Equipment Details : Rs. 350000
-> DSLR Camera - 1
-> Workstation/CPU - 1
-> Laser Rangefinder/Hypsometer - 1
Consumables : Rs. 350000
Travel Cost : Rs 500000
Contingencies : As per norms
Overhead : As per norms

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

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



Lachit Dutta <lachit@gauhati.ac.in>

SERB-Notification

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

9 May 2023 at 15:44



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
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Approval Letter

File Number: SUR/2022/001704

Dated: 09-May-2023

Subject: Project titled "Design of Smart Hand-Held Health Care System and Pandemic Compliant Infrastructure using Internet of Things and Artificial Intelligence".

Dear Dr. Lachit Dutta,

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

The committee recommended the following budget

Manpower :

-> **Project Assistant - 1**

Equipment Details : Rs. 1210000

-> **LED Monitor - 1**

-> **Printer - 1**

-> **Soldering station - 1**

-> **DMM - 1**

-> **HOT AIR REWORK STATION - 1**

-> **EMG NCV Machine - 1**

-> **DAQ USB - 1**

-> **GPU - 1**

-> **PCI - 1**

-> **Desktop - 1**

-> **Programmable Power Supplies - 1**

Consumables : Rs. 120000

Other Cost : NIL

Travel Cost : As per norms

Contingencies : As per norms

Overhead : As per norms

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

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

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

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

SERB has adopted the Scientific Social Responsibility (SSR) Policy which mandates SERB Grantees to undertake some SSR activities during their project period. You are requested to read the SSR guidelines available under SSR menu and choose the activities according to your preference. Please note that choosing the SSR activities is mandatory for issue of financial sanction subject to submission and acceptance of other necessary documents

Kindly upload the documents related viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc., matching with exact approved title of project submitted to SERB.

If the project does not require (viz., animal ethical clearance certificate, institutional bio safety clearance certificate, etc.) please confirm with a self-certification saying that it does not involve any animal/human studies or genetic modification in any organisms or bio safety issues.

(Kindly note that during the issue of sanction order or during the implementation of this project, if SERB come across/found that the project work involves/requires animal/human studies or genetic modification in any organisms or bio safety issues, RCGM approval/ approval from Biodiversity Management Committee Environmental clearance, the project may be terminated without any notice.)

Please note that release of grant is subject to availability of funds under the scheme. Kindly quote the reference number in all future correspondence. The project's reference no. **SUR/2022/001704** may also be mentioned in all research communications arising from the above project.

Yours sincerely,

(Dr. V Ramesh)

Email: ms_pac_sure@serbonline.in

Dr. Lachit Dutta

Electronics And Communication Engineering

Gauhati University , Jalukbari, Guwahati, Assam, Guwahati, Assam-781014

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Ref: CRS/2022-23/01/709

Date: 15-05-2023

Sanction Order

To,
The Registrar/Principal/Financial Authority,
Through Dr. SULOCHANA DEB
Gauhati University

Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Study of Tunnel Magneto Resistance Ratio of Magnetic Tunneling Junction with Molybdenum Disulfide Tunnel Barrier for Spintronics Device' by Dr. SULOCHANA DEB.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. SULOCHANA DEB** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Rajeev Rawat**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹	₹30,000	₹15,000	₹45000	2023-03-30	C032392285026
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2022-23/01/709**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject (for Science) M.E. / M. Tech. (not earlier than 3 years) 1st Class (for Engineering)
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior) -I + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	Same as (1) + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior)-II + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

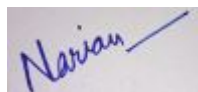
5. Appointment of student in the project is not permitted in the second or third year of the project.

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.

7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.

8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. SULOCHANA DEB, Dr. Rajeev Rawat, AO for information.



Narian Kr.Lengay
Administrative Officer-I
(UGC-DAE CSR)