

Encl 28



**Revathy Vishwanath**  
Assistant Director (RP)

## भारतीय सामाजिक विज्ञान अनुसंधान परिषद्

(मानव संसाधन विकास मंत्रालय)

पोस्ट बॉक्स - 10528, अरुना आसफ अली मार्ग,

नई दिल्ली-110 067

**INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH**

(Ministry of Human Resource Development)

Post Box No. 10528, Aruna Asaf Ali Marg,

New Delhi - 110 067

EPABX : 26741849 Fax : 91-11-26741836

E-mail : info@icssr.org Website : www.icssr.org

### SANCTION ORDER

F.No. 02/295/ST/2017-18/RP/Minor

Dated: 10-1-2018

The Registrar,  
Rajiv Gandhi University, Rono Hills  
Doimukh, Itanagar,  
Arunachal Pradesh-791112

Subject: Sanction of Minor Research Project entitled "Educational Status of Bugun Tribe of Arunachal Pradesh" to Dr. Anga Padu.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above research project submitted Dr. Anga Padu, Assistant Professor, Dept. of Education, Rajiv Gandhi University, Rono Hills, Doimukh, Itanagar, Arunachal Pradesh-791112. Co-Project Directors of the study are: NIL.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs.02,00,000/- (Rupees Two Lakhs only) for the above research project and the grant will be released as follows:

First instalment:	Rs. 40,000/-
Second instalment:	Rs. 80,000/-
Third instalment:	Rs. 70,000/-
Publication cost:	Rs. 10000/-
Total	:Rs.02,00,000/-

Overhead charges @ 5% over and above: Rs. 10000/-\*\*

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

\*\*will be released on successful completion of project after evaluation.

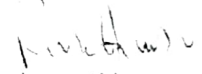
(The break-up budget approved by the ICSSR of Rs.02,00,000/- is enclosed.)

4. The First installment of the approved grant-in-aid will be release after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule.
  - a. If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b. If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory six monthly progress report along with a simple statement of account of the account for the first instalment.
7. The Third instalment will be released after receiving the Final Report (two hard copies plus one soft in CD or pen-drive) along with the brief summary (ten copies) and Research Paper (one). released on the receipt of: (a) Satisfactory book length of the Final Report in the publishable form (minimum 100 pages); (b) Statement of accounts with Utilization Certificate in GFR of 19A 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 should acknowledge support of ICSSR that the project has been sponsored by the ICSSR, in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion.
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 @ 5% in the case of Minor Projects 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.

*Signature*

12. The Director of the research project will be Dr. Anga Padu, who will be responsible for its completion within 12 Months from the date of commencement of the project, which is 15/01/2018, as intimated by the scholar.
13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR.
14. All grants from ICSSR are subject to the general provision of GFR 2005 and in particular with reference to the provision contained in GFR 209, GFR 210, GFR 211 and GFR 212.
15. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the ICSSR Research Projects scheme (Major and Minor Research Projects) available in the ICSSR website [www.icssr.org](http://www.icssr.org).
16. The expenditure on this account is debatable to the Budget Head-B Programmes Research Grants-Plan ST. (09) Grant-in-aid for research project (s).
17. As per MHRD instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

Yours faithfully,

  
(Revathy Vishwanath)  
For MEMBER-SECRETARY

Encl: as above.

Copy to:

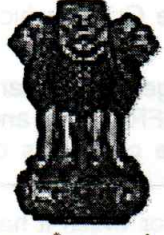
1. Dr. Anga Padu,  
Assistant Professor, Dept. of Education  
Rajiv Gandhi University, Rono Hills, Doimukh  
Itanagar, Arunachal Pradesh-791112

2. Finance Branch, ICSSR, New Delhi

3. Record file

  
(Revathy Vishwanath)  
For MEMBER-SECRETARY





सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
मानव संसाधन विकास मंत्रालय, भारत सरकार  
(Ministry of Human Resource Development, Govt. of India)  
बहादुर शाह जफर मार्ग नई दिल्ली-110002  
Bahadurshah Zafar Marg, New Delhi - 110002  
Phone : 011-23604410, 011-23604425



ज्ञान-विज्ञान विमुक्तये

FD Diary No.10578  
Dated : 16.03.2018

No.F.30-423/2018(BSR)

Dated: March, 2018

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

26 MAR 2018

**Subject:- Approval-cum-Sanction letter for UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various Universities – Release of the grant for the year 2017-2018 under Revenue.**

Sir,

The University Grants Commission convey its approval and allocate a sum of ₹10,00,000/- (Rupees Ten Lakhs Only) @ ₹10.00 Lakhs each faculty to the Registrar, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh being the UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level of Science Departments.

Accordingly, I am further directed to convey the sanction of the University Grants Commission for payment of ₹8,00,000/- (Rupees Eight Lakhs only) (80% of approved Grant ₹10.00 Lakhs to each faculty) to the Registrar, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh towards UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments as per details given below, the expenditure to be incurred during 2017-2018.

Name of the Item	Head of Account	Name of Faculty / Professor	Name of Departments	Amount Approved (₹)	Amount being released (₹) (80%)
UGC-BSR Start-up grant for newly recruited faculty at Assistant Professor level in science department	3(D) (i) 31	Dr. Dwipen Kakati	Chemistry	10,00,000/-	8,00,000/-
		Total:		10,00,000/-	8,00,000/-

- The sanctioned amount is debitable to the major Head 3(D) (i) 31 and is valid for payment during the financial year 2017-18 only.
- The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh through Electronic mode as per the following details:
  - Details (Name & Address) of Account Holder : Registrar, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh.
  - Account No. : 880201010000786
  - Name and address of Bank branch : VIJYA BANK, ARUNACHAL UNIVERSITY, POST DOIMUKH, PAPUM PARA DIST, ARUNACHAL PRADESH, 791112
  - MICR Code : 791029002
  - IFSC Code : VIJB0008802
  - Type of Account : Saving



4. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
5. The University / Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
6. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guideline there under from time to time.
7. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the UGC as early as possible after the close of the current financial year.
8. The assets acquired wholly or substantially out of University Grants Commission's Grant Shall not be disposed or encumbered or utilized for the purposes other than those for which the grants was given, without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
9. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
10. The grantee institution shall ensure the utilization of grants-in-aid for which it is being **sanctioned** / paid. In case of non-utilization/part utilization thereof, simple interest @ 10 % per annum as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.
11. The University / Institution shall follow strictly the Government of India / UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)) in teaching and non-teaching posts.
12. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.
13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No. 10-11/12 (Admn. IA & B)] dated 28/5/2013.
14. The University /Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.
15. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
16. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
17. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
18. This issues with the concurrence of IFD vide Diary No. 6024 (IFD) Dated **27.02.2018**
19. This issues with the approval of **Secretary Sectt.** vide Diary No. 59981 Dated: **09.03.2018**.

**Noted in BCR Register 2017-2018 at P.No.25 S.No. 108.**

Yours faithfully,

(Mrs. Paramjeet)  
Under Secretary

Copy forwarded for information and necessary action to:-

1. **Registrar, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh.** He/She is requested to abide by these instructions/guidelines of sanction order.
2. The Secretary (Education) to the State Government of *Itanagar, Arunachal Pradesh*
3. **The Head, Department of Chemistry, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh.**
- ✓ 4. **Dr. Dwipan Kakati, Department of Chemistry, Rajiv Gandhi University, Rano Hills, Doimukh, Itanagar-791 112, Arunachal Pradesh.**
5. The Director General of Audit, Central Revenues, AGCR Building, I.P. Estate, New Delhi.
6. Guard file.

(Neera Chopra)  
Section Officer



BT/01/17/NE/TAX  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

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

Dated: 29<sup>th</sup> March, 2018

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Bioresource and Sustainable livelihoods in North East India**" for a period of 3 Year 0 Month at a total cost of Rs. **2318.64243 lakhs (Rupees Twenty Three Crores Eighteen Lakhs Sixty Four Thousand Two Hundred and Forty Three Only)** on the terms and conditions detailed here under:-

**2. The Project:**

**2.1 Title:** Bioresource and Sustainable livelihoods in North East India

**2.2 Overall Project Coordinator:** Dr. Ganesan Rengaian, Fellow, Suri Sehgal Center for Biodiversity and Conservation, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

**Project Co-Coordinator:** Professor Dinabandhu Sahoo, Director, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur

**2.3 Project Investigators:**

**COMPONENT 1 – INVENTORIES AND MAPPING OF BIORESOURCES IN NORTHEAST INDIA**

**Subproject 1: ATREE, Bangalore**

**Principal Investigators:** 1. Dr. Ganesan Rengaian, ATREE, Bangalore

**Co- Investigator:** 1. Dr. Ravikanth Gudsalmani, (ATREE), Bangalore  
2. Dr. Muneeswaran Mariappan, (ATREE), Bangalore

**Subproject 2: Assam - Balipara Foundation, Assam**

**Principal Investigator:** 1. Dr. Gitamani Dutta, Balipara Foundation, Assam

**Subproject 3, 4, 5 Yet to be Identified:**

**Subproject 6:- Nagaland University, Nagaland**

**Principal Investigator:** 1. Dr. Neizo Puro, Nagaland University, Lumami

**Co-Investigator:** 1. Dr. Limasenla, Nagaland University, Lumami

**Subproject 7: Institute for Bioresources and Sustainable Development (IBSD), Manipur**

**Principal Investigator :** 1. Dr. Biseshwori Thongam, IBSD, Imphal, Manipur,

**Subproject 8: Mizoram University, Mizoram**

**Principal Investigator:** 1. Dr. Bianka Zote, Mizoram University, Aizawl

**Subproject 9: Tripura University, Tripura**

**Principal Investigator:** 1. Dr. Badal Datta, Tripura University, Tripura, Agaratala

**Subproject 10:- North East Hill University (NEHU), Meghalaya**

**Principal Investigator:** 1. Dr. Uma Shankar, North Eastern Hill University, Shillong

Mold. Aslam



**Subproject 11: National Botanical Research Institute (NBRI), Lucknow**

**Principal Investigator :** 1. Dr. Sanjeeva Nayaka, NBRI, Lucknow

**Co-Investigator:**

1. Dr. Tikam Rana, NBRI, Lucknow
2. Dr. Ashish Asathana, NBRI, Lucknow
3. Dr. Ajit Singh, NBRI, Lucknow
4. Dr. Poonam Singh, NBRI, Lucknow
5. Dr. Suchi Srivastava, NBRI, Lucknow
6. Dr. Vinay Sahu, NBRI, Lucknow
7. Dr. Kiran Toppo, NBRI, Lucknow
8. Dr. Sandip Behera, NBRI, Lucknow
9. Mr. Komal Ingle, NBRI, Lucknow

**Subproject 12: Institute for Bioresources and Sustainable Development (IBSD), Manipur**

**Principal Investigator :** 1. Professor Dinabandhu Sahoo, IBSD, Imphal, Manipur

**Co-Principal Investigator:** 1. Dr. Nanaocha Sharma, IBSD, Imphal, Manipur

**Subproject 13: - Agharkar Research Institute, Pune**

**Principal Investigator:** 1. Dr. Karthick Balasubramanian, Agharkar Research Institute, Pune

**Subproject 14: Institute for Bioresources and Sustainable Development (IBSD), Manipur**

**Principal Investigator:** 1. Dr. Shantibala Tourangbam, IBSD, Imphal, Manipur

**Subproject 15: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

**Principal Investigator:** 1. Dr. Priyadarsanan, ATREE, Bangalore

**Subproject 16: Rajiv Gandhi University, Arunachal Pradesh**

**Principal Investigator:** 1. Dr. Hiren Gogoi, Rajiv Gandhi University, Arunachal Pradesh

**Subproject 17: North Eastern Hill University (NEHU), Shillong**

**Principal Investigator:** 1. Dr. Sundhanya Hajong, North Eastern Hill University, Shillong

**Subproject 18: - Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

**Principal Investigator:** 1. Dr. Priyadarsanan, ATREE, Bangalore

**Subproject 19: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

**Principal Investigator:** 1. Dr. Aravind, Fellow, ATREE, Bangalore

**Subproject 20: Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

**Principal Investigator:** Dr. Ganesan Rengalan, ATREE, Bangalore

**Co- Investigator:** 1. Dr. Ravikanth Gudsalmani, ATREE, Bangalore  
2. Dr. Muneeswaran Mariappan, ATREE, Bangalore

**Component 2: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Selected Understudied Taxa of Northeast Region**

**Project Coordinator :** Dr. Ajay Parida, Institute of Life Sciences, Bhubaneswar

**Subproject 1: - Institute of Life Sciences (ILS), Bhubaneswar**

**Principal Investigator:** 1. Dr. Ajay Parida, Institute of Life Sciences, Bhubaneswar

**Co-Investigator:** 1. Dr. Nrisingha Kumar Dey, Institute of Life Sciences, Bhubaneswar

*Mold. Asha*



**Subproject 2: Institute of Bioresources and Sustainable Development (IBSD), Imphal**

**Principal Investigator:** 1. Dr. Biseshwori Thongam, IBSD, Imphal

**Subproject 3: National Botanical Research Institution (NBRI)**

**Principal Investigator :**

1. Dr. K Narayana, NBRI, Lucknow
2. Professor S K Barik, NBRI, Lucknow
3. Dr. Tikam Rana, NBRI, Lucknow
4. Dr. Satya Narayanan Jena, NBRI, Lucknow, Lucknow

**Subproject 4 Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

**Principal Investigator:** 1. Dr. Ganesan Rengalan, ATREE, Bangalore

**Co-Investigator:** 1. Dr. Ravikanth Gudlasamani, ATREE, Bengaluru

**Component 3: Assess the economic value of bio-resources and their role in meeting the societal needs and sustainable development goals**

**Project Coordinator:** Professor Dinabandhu Sahoo, IBSD, Imphal

**Project Co- Coordinator:** Dr. Saroj Kumar Barik: - NBRI, Lucknow

**Subproject 1: Institute for Bioresources and Sustainable Development (IBSD), Manipur**

**Principal Investigator :** 1. Professor Dinabandhu Sahoo, IBSD, Imphal, Manipur,

**Co-Investigator:** 1. Dr. Albert Chiang, IBSD, Imphal, Manipur

**Subproject 2: National Botanical Research Institute (NBRI), Lucknow**

**Principal Investigator :** 1. Dr Sekhar Chandra Mohanty, NBRI, Lucknow

**Co-Investigator:**

1. Dr. O P Sidhu, NBRI, Lucknow
2. Dr. Manjoocha Srivastava, NBRI, Lucknow
3. Dr. Anand Prakash, NBRI, Lucknow
4. Dr. Vishnu Wagh, NBRI, Lucknow

**Component 4: Biodiversity-based Livelihoods**

**Project Coordinator:** Professor Saroj K. Barik, National Botanical Research Institute, Lucknow

**Subproject 1 - CSIR- NBRI, Lucknow**

**Principal Investigator:** 1. Dr. Brahma Singh, National Botanical Research Institute, Lucknow

**Co-Investigator:**

1. Dr. Krishna Tiwari, National Botanical Research Institute, Lucknow
2. Dr. Ch V Rao, National Botanical Research Institute, Lucknow
3. Dr. Sharad Srivastava, National Botanical Research Institute, Lucknow
4. Dr. O.P. Sidhu, National Botanical Research Institute, Lucknow

**Subproject 2 - North Eastern Regional Institute of Science and Technology, Itanagar**

**Principal Investigator :** 1. Dr. Padmaraj Gajurel, NERIST, Arunachal Pradesh

**Co-Investigator:** 1. Dr. Binay Singh, NERIST, Arunachal Pradesh

**Subproject 3 - Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur,**

**Principal Investigator:** 1. Dr. Biseshwori Thongam, IBSD, Imphal, Manipur

**Subproject 4 - North Eastern Hill University, Meghalaya, Shillong, Meghalaya**

**Principal Investigator :** 1. Dr. Highland Kayang, NEHU, Shillong, Meghalaya

**Co-Investigator :** 1. Dr. Papiya Ramanujam, NEHU, Shillong, Meghalaya

*Mold. Asle.*



**Component 5 - Enhancing capacity in Communication about biological resources, biodiversity science and sustainable development for societal benefits in Northeast**

**Project Coordinator:** Dr. Ravikanth G., ATREE, Bangalore

**Principal Investigator:** 1. Dr. Ravikanth G., ATREE, Bangalore

**Co-Investigator :**

1. Dr. Aravind , Fellow, ATREE, Bangalore
2. Dr. Sarala Khaling , , ATREE, Bangalore
3. Dr. Biseshwori Thongam IBSD, Imphal, Manipur,

**Component 6 - Monitoring, Management and Coordination of the project**

**Project Coordinator:** Dr. Ganesan Rengalan, ATREE, Bangalore

**Project Co-coordinator:** Professor Dinabandhu Sahoo, IBSD, Imphal, Manipur

**2.4 Objectives:**

**Overall objectives of the project:**

1. Distribution maps of natural landscapes, ecosystems, and species
2. Patterns of species richness, abundance, rarity and endemism
3. A systematic program on the monitoring of anthropogenic impacts, including climate change, on bioresources and biodiversity
4. Data on evolutionary relationships among species in species rich genera such as wild gingers, Primulas, oaks and other taxa
5. Profiles of genetic variation within selected species of economic importance such as gingers, cucurbits, and oranges
6. Economic assessment of bioresources of the region
7. Options and tradeoffs in the use of ecosystem services in meeting United Nation's Sustainable Development Goals.
8. Data on the use of wild bioresources by local communities and traditional knowledge associated with these resources
9. New products and improved germplasm from wild bioresources integrated with livelihoods of local communities
10. Central Database Management Unit that curates, organizes and archives biodiversity data on the distribution of genes, populations, species and ecosystems and their use, with data also serving as baseline to detect future changes as result of human use and climate change
11. Trained scientists and strengthened institutions in the Northeast to address critical issues in conservation and management of bioresources
12. A minimum of 10 graduate level courses over 5 years in modern concepts and tools of biodiversity science
13. At least 40 doctoral dissertations on bioresources by graduate students from institutions in the Northeast over the next 5-7 years
14. A web-based portal on biodiversity of the Northeast mirrored on the web sites of the 10 participating institutions
15. Public engagement in conservation and management of bioresources and biodiversity via citizen science programs on the portal and other communication and outreach programs.

**COMPONENT AND SUB-PROJECT WISE PROJECT OBJECTIVES ARE AS FOLLOWS:**

**COMPONENT-1: INVENTORIES AND MAPPING O BIORESOURCES IN NORTHEAST INDIA**

**Sub- project : 1 Mapping ecosystems of the Northeast and Quantitative assessment and mapping of plant diversity and biological resources in Sikkim Himalaya: (Ashoka Trust for Research in Ecology and the Environment, Bangalore):**

1. Map ecosystems and distribution of species (flowering and non-flowering plants and selected animal groups) from secondary data to identify the preliminary patterns of species richness, abundance, rarity, endemism in the Northeast region
2. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Sikkim and Darjeeling Himalayan region of the Northeast using grid-based sampling approach.
3. Identify biological resources used by local communities, including wild relatives crop plants in Sikkim and Darjeeling Himalayan region

Md. Aslam



**Sub-project 2: Quantitative assessment and mapping of plant diversity and biological resources in Upper and Lower Assam: Balipara Foundation, Assam**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Upper and Lower Assam region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Upper and Lower Assam region

**Sub-project 3: Quantitative assessment and mapping of plant diversity and biological resources in Western Arunachal Pradesh: Institute yet to be identified**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Western Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Western Arunachal Pradesh region

**Sub-project 4: Quantitative assessment and mapping of plant diversity and biological resources in Central Arunachal Pradesh: Institute yet to be identified**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Central Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Central Arunachal Pradesh region

**Sub-project 5: Quantitative assessment and mapping of plant diversity and biological resources in Eastern Arunachal Pradesh: North Eastern Regional Institute of Science and Technology (NERIST)**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Eastern Arunachal Pradesh region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives crop plants in Eastern Arunachal Pradesh region

**Sub-project 6: Quantitative assessment and mapping of plant diversity and biological resources in Nagaland: Nagaland University : Dr. Neizo Puro**

1. inventory of the distribution and diversity of flowering plants and biological resources in Nagaland region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Nagaland region

**Sub-project7: Quantitative assessment and mapping of plant diversity and biological resources in Manipur: Institute for Bioresources and Sustainable Development (IBSD), Manipur:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Manipur region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Manipur region

**Sub-project 8: Quantitative assessment and mapping of plant diversity and biological resources in Mizoram: Mizoram University, Mizoram:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Mizoram region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Mizoram region.

**Sub-project 9: Quantitative assessment and mapping of plant diversity and biological resources in Tripura: Tripura University, Tripura:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Tripura region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Tripura region.

**Sub-project10: Quantitative assessment and mapping of plant diversity and biological resources in Meghalaya: North East Hill University (NEHU), Meghalaya:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of flowering plants and biological resources in Meghalaya region of the Northeast using grid-based sampling approach.
2. Identify biological resources used by local communities, including wild relatives of crop plants in Meghalaya region

Mohd. Asher



**Sub-project 11: Quantitative assessment and mapping of the diversity of non-flowering plants (bryophytes, fungi, pteridophytes,) of Northeast India. National Botanical Research Institute (NBRI), Lucknow:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (bryophytes, fungi, pteridophytes, gymnosperms) in the Northeast region using grid-based sampling approach
2. Identify non-flowering plant (bryophytes, fungi, pteridophytes, gymnosperms) based biological resources used by local communities in Northeast region and integrate this data into a comprehensive database.

**Sub-project 12: Quantitative assessment and mapping of the diversity of non-flowering plants (Algae) of Northeast India. Institute for Bioresources and Sustainable Development (IBSD), Manipur:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (Algae) in the Northeast region using grid-based sampling approach
2. Identify algal based biological resources used by local communities in Northeast region and integrate this data into a comprehensive database.

**Sub-project 13: Quantitative assessment and mapping of the diversity of non-flowering plants (Diatom) of Northeast India. Agharkar Research Institute, Pune:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of non-flowering plant (Diatom) in the Northeast region using grid-based sampling approach.
2. Prepare a relational database of diatom flora of Northeast region.

**Sub-project 14: Geo-Referenced Database and Habitat Attributes of Insect Bioresources of NE India with Special Reference to Edible Insects and Wild Sericigenous Insects : Institute for Bioresources and Sustainable Development (IBSD), Manipur:**

1. Prepare geo-referenced database of edible insects and their habitat attributes of Northeast Indian states.

**Sub-project 15: Documenting Community Knowledge Associated with Insect Bio Resources of Northeast India, Together with Their Dynamics and Sustainability Challenges : Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:**

1. Documenting community knowledge associated with insect bio resources of Northeast India, together with their dynamics and sustainability challenges and management.

**Sub-project 16: Quantitative assessment and mapping of the diversity of wild bees and honey bees of Northeast India. Rajiv Gandhi University, Arunachal Pradesh:**

1. Undertake a systematic, quantitative inventory of the distribution and diversity of wild bees and honey bees in the Northeast region using grid-based sampling approach
2. Prepare a relational database of wild bees and honey bees from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

**Sub-project 17: Quantitative assessment and mapping of the diversity of Cicadas from Northeast India. North Eastern Hill University (NEHU), Shillong:-**

1. Undertake a systematic, quantitative inventory of the distribution and diversity Cicadas from the Northeast region using grid-based sampling approach
2. Prepare a relational database of Cicadas from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

**Sub-project 18: Quantitative assessment and mapping of the diversity of Dung beetle (Scarabaeinae: Coleoptera) and Ant (Formicidae: Hymenoptera) from Northeast India. Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:**

1. Collate existing information on Ants and Dung beetles of the Northeast region and organize this information into a database
2. Undertake a systematic, quantitative inventory of the distribution and diversity Ants and Dung beetles from the Northeast region using grid-based sampling approach
3. Prepare a relational database of Cicadas from the Northeast region integrating catalogs, specimen data, geo-referenced locality information, images, and a bibliography etc.

**Sub-project 19: Quantitative assessment and mapping of the diversity of non-marine molluscs (land snails and freshwater molluscs) Northeast India. Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:-**

1. To undertake a systematic, quantitative inventory of the distribution and diversity of non-marine molluscs (land snails and freshwater molluscs) of the Northeast region using grid-based sampling approach
2. Assess the Bioresource potential of non marine mollusks in Northeast Indian region and develop comprehensive database.

*M. Ashoka*



**Sub-project 20: Organization and Management of a Central Database and diversity analysis of transect data :Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore:-**

1. Establish and manage a central database for data generated by surveys of ecosystems, species, use of bioresources by local communities, and data generated by other subprojects of the study, using tools and approaches of biodiversity informatics; make the curated data available to researchers in the project
2. Use species level data from grid-based inventories to analyze diversity pattern and community assemblage rules

**Component 2: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Selected Understudied Taxa of Northeast Region**

**Sub-project 1: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Asiatic Vigna and Cucurbitaceae from Northeast Region: Institute of Life Sciences, Bhubaneswar:**

1. Assembly of core set of collections based on morphological characters as well as distribution pattern.
2. Molecular characterization of reference set of germplasm and identifying and developing best possible marker systems.
3. Elucidating intra- and inter-specific genetic diversity, analysis of population genetic structure and phylogeography of native and wild species
4. Molecular phylogenetics using nuclear and chloroplast gene sequence analyses.
5. Estimation of divergence times of species-populations through comparative phylogeographic and phylogenetic data analyses.
6. Identifying populations with unique and diverse attributes for aiding to conservation efforts.

**Sub-project 2: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Gingers (Zingiberaceae) and Prunus from Northeast Region: Institute of Bioresources and Sustainable Development (IBSD), Imphal:**

1. Assembly of core set of collections based on morphological characters as well as distribution pattern.
2. Molecular characterization of reference set of germplasm and identifying and developing best possible marker systems.
3. Elucidating intra- and inter-specific genetic diversity, analysis of population genetic structure and phylogeography of native and wild species
4. Molecular phylogenetics using nuclear and chloroplast gene sequence analyses.
5. Estimation of divergence times of species-populations through comparative phylogeographic and phylogenetic data analyses.
6. Identifying populations with unique and diverse attributes for aiding to conservation efforts.

**Sub-project 3: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Quercus and Citrus from Northeast Region: CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI):-**

1. Analysis of population genetic structure and phylogeography of native and wild species of Citrus and Quercus.
2. Molecular phylogenetics of Indian Citrus and Quercus using nuclear and chloroplast gene sequence analyses.
3. Estimation of divergence times of species-populations of Citrus and Quercus through comparative phylogeographic and phylogenetic data analyses.

**Sub-project 4: Integrative Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Lauraceae from Northeast Region: Ashoka Trust for Research in Ecology and the Environment (ATREE):-**

1. Develop a comprehensive database for distribution of Lauraceae species in Northeast region of India from primary field survey and secondary data.
2. Use Integrative taxonomic approach by combining morphological, ecological and molecular sequence data to resolve taxonomic status and phylogenetic relationship of Northeast Indian Lauraceae.
3. Undertake historical biogeographic and comparative phylogenetic analysis of Northeast Indian Lauraceae to gain insights about phytogeography and diversification of Lauraceae.

**Component 3: Assess the economic value of bio-resources and their role in meeting the societal needs and sustainable development goals**

**Sub-project 1: Mainstreaming the lesser-known Bioresources: CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI):-**

1. Mainstreaming the lesser-known Bioresources.

**Sub-project 2: Integrating the unique bioresources to enhance the ecotourism potential of the region: Institute of Bioresources and Sustainable Development (IBSD), Imphal: -**

1. Integrating the unique bioresources to enhance the ecotourism potential of the region.

*N. M. Ashu*



#### **Component 4: Biodiversity-based Livelihoods**

##### **Sub-project 1:**

**Product development and partner support for demonstration farming and value addition: CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI):**

1. High value product development for selected bioresources and sharing the benefits with the communities
2. Demonstration farming, value addition and value chain development for high value plant resources for economic development
3. Capacity building among the communities for non-agriculture use of biodiversity

**Sub-project2: Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition in Arunachal Pradesh: NERIST, Arunachal Pradesh:**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

**Sub-project 3: Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition by IBSD in Manipur/Nagaland Targeted bioresources: Gingers and Zanthoxylum: Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur:**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

**Sub-project 4: Development of captive farming, sustainable harvest technologies, integration with plantation programmes and agroforestry, and value addition by NEHU in East Khasi Hills, Meghalaya Targeted bioresources: Zanthoxylum and Gaultheria species: NEHU, Shillong, Meghalaya:-**

1. Demonstration farming and value addition of high value plant resources hitherto under-exploited for economic development and sustainable use of biodiversity
2. Capacity building among the communities for non-agriculture use of biodiversity

**Component 5: Enhancing Capacity in Communication about Biological resources, Biodiversity Science and Sustainable development for societal benefits in Northeast  
Ashoka Trust for Research in Ecology and the Environment( ATREE):**

There are two broad objectives of the proposal:

1. Build capacity of the research group engaged in the project and other staff in Northeast academic institutions, in biodiversity science (quantitative ecology, integrated taxonomy, conservation biology and green economy).
2. Develop a comprehensive, multi-level strategy to convey to students, practitioners, policy makers and the general public the ecological and economic significance of Bioresources

#### **Component 6: Sub-Project Title: Monitoring, Management and Coordination of the project; -**

**Project Summary:** The proposed program will be coordinated by the Ashoka Trust for Research in Ecology and the Environment (ATREE) and Institute of Bioresources and Sustainable Development (IBSD) under the sponsorship of the Department of Biotechnology (DBT) in partnership with a range of institutions in the northeast. This document deals with the management structure of the overall program and the associated budget.

##### **2.5Time Schedule:**

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

##### **2.6Project Cost:**

The total cost of the project is **Rs. 2318.64243 lakhs (Rupees Twenty Three Crores Eighteen Lakhs Sixty Four Thousand Two Hundred and Forty Three Only)** as per details given below:

Mohd. Aslam



**Budget Details: Total Consolidated Budget of All Sub- projects and Institutions (Rs in lakhs):**

Name of Sub-Project	Non-Rec.	Manpower	Consumables	Travel	Contingency	Overhead	TOTAL
<b>Component 1: SP- 1- ATREE Sikkim</b>	16.10	45.576	4.00	9.00	6.00	3.00	<b>83.676</b>
SP- 2 Balipara Foundation	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -3 NERIST, AP	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.0</b>
SP- 4 Central Arunachal	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.0</b>
SP- 5 West Arunachal	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.0</b>
SP -6 Nagaland University , Nagaland	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -7 IBSD Manipur	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -8 Mizoram Univ. Mizoram	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -9, Tripura Univ. , Assam	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -10 NEHU, Shillong	13.65	42.84	4.00	9.00	6.00	3.00	<b>78.49</b>
SP -11 - NBRI, Lucknow	5.00	43.416	6.00	9.00	6.00	3.00	<b>72.416</b>
SP- 12 -IBSD, Manipur	2.00	33.048	6.00	9.00	6.00	3.00	<b>59.048</b>
SP -13 ARI, Pune	2.00	27.00	6.00	9.00	6.00	3.00	<b>53.00</b>
SP -14 - IBSD, Imphal	1.50	27.00	6.00	9.00	6.00	3.00	<b>52.5</b>
SP -15 - ATREE, Bangalore	3.60	42.12	3.00	3.00	3.00	2.15	<b>56.87</b>
SP -16, RGU, Itanagar	10.10	35.64	6.00	9.00	6.00	3.00	<b>69.74</b>
SP -17 NEHU, Shillong	10.10	35.64	6.00	9.00	6.00	3.00	<b>69.74</b>
SP -18 - ATREE , Bangalore	36.10	42.12	9.00	9.00	6.00	3.00	<b>105.22</b>
SP -19 - ATREE , Bangalore	29.35	42.12	4.00	9.00	6.00	3.00	<b>93.47</b>
SP -20 - ATREE , Bangalore	6.10	26.784	0.00	6.00	3.00	3.00	<b>44.884</b>
<b>Component 2: SP -1: ILS</b>	40.13	38.016	20.00	3.00	3.00	3.00	<b>107.146</b>
SP -2: IBSD, Imphal	35.00	34.848	20.00	3.00	3.00	3.00	<b>98.848</b>
SP -3: CSIR-NBRI, Lucknow	29.11	38.016	20.00	3.00	3.00	3.00	<b>96.126</b>
SP -4: ATREE, Bangalore	10.00	24.336	13.10	3.00	1.50	1.50	<b>53.436</b>
<b>Component 3: SP -1: IBSD, Imphal</b>	10.00	34.992	30.00	9.00	3.00	3.00	<b>89.992</b>
SP -2: CSIR-NBRI, Lucknow	10.00	44.928	27.00	7.50	3.00	2.15	<b>94.578</b>
<b>Component 4: SP -1: -NBRI, Lucknow</b>	10.00	50.976	43.60	6.00	3.00	5.00	<b>118.576</b>
SP -2: NEIRST, AP	7.99	20.592	35.00	6.00	3.00	3.00	<b>75.582</b>
SP -3: IBSD, Imphal	10.00	20.592	34.15	6.00	3.00	3.00	<b>76.742</b>
SP -4: NEHU, Shillong	7.95	20.592	35.00	6.00	3.00	3.00	<b>75.542</b>
<b>Component 5: ATREE, Bangalore</b>	3.75	30.888	30.00	23.00	60.00	3.00	<b>150.638</b>
<b>Component 6: ATREE, Bangalore</b>	0.55	35.68243	1.50	6.00	3.00	3.00	<b>49.73243</b>
<b>Total</b>	<b>378.43</b>	<b>1051.96243</b>	<b>389.35</b>	<b>225.50</b>	<b>187.50</b>	<b>85.80</b>	<b>2318.54243</b>

Mold. Asker



**Component wise Budget Breakup:-****Component 1:-****Sub-project 1: Ashoka Trust for Research in Ecology and the Environment (ATREE)**

(Rs. In lakhs)				
Heads	I Year	II Year	III Year	Total
Equipment	16.10	0.00	0.00	16.10
Manpower	14.928	14.928	15.72	45.576
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>39.028</b>	<b>21.928</b>	<b>22.72</b>	<b>83.676</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data Loggers	1.10
2	Desktop computer	5.00
3.	Cameras (@ Rs. 30,000 * 2 Units )	0.60
4.	GPS (@ Rs. 20,000 * 2 Units )	0.40
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
<b>Total</b>		<b>16.10</b>

**Details of Manpower:**

(Rs. in Lakhs)					
Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.20
<b>Total :</b>		<b>14.928</b>	<b>14.928</b>	<b>15.72</b>	<b>45.576</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*N. S. Arora*



**Sub-Project 2- Ballpara Foundation**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers	0.55
3.	Field Cameras (@ Rs. 13,500 and 46,000- 2 units Units )	0.60
4.	GPS (@ Rs. 25,000 * 2 Units )	0.50
5.	Stereo Zoom microscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-project 3, Sub-project 4 and Sub-project 5 : Institute yet to be identified**

*Mold. Asher*



**Sub-Project 6- Nagaland University**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers	0.55
3.	Field Cameras (@ Rs. 13,500 and 46,000- 2 units Units )	0.60
4.	GPS (@ Rs. 25,000 * 2 Units )	0.50
5.	Stereo Zoom microscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mold. Adhe*



**Sub-Project 7- Institute for Bioresources and Sustainable Development (IBSD), Manipur**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers (Laptop Hp) (@ Rs. 0.55 lakhs * 2 Units )	0.55
3.	Cameras (@ Rs. 30,000 * 2 Units )	0.60
4.	GPS (@ Rs. 25,000 * 2 Units )	0.50
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*Mold. Adh.*



**Sub-Project 8- Mizoram University, Mizoram**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers (Laptop Hp) (@ Rs. 0.55 lakhs * 2 Units )	0.55
3.	Field Cameras (@ Rs. 30,000 * 2 Units )	0.60
4.	GPS ( 2 Units )	0.50
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*N. Old. Asher*



**Sub-Project 9- Tripura University, Tripura**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	<b>13.65</b>
Manpower	14.016	14.016	14.808	<b>42.84</b>
Consumables	2.00	1.00	1.00	<b>4.00</b>
Travel	3.00	3.00	3.00	<b>9.00</b>
Contingency	2.00	2.00	2.00	<b>6.00</b>
Overhead	1.00	1.00	1.00	<b>3.00</b>
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers (Laptop Hp) (@ Rs. 0.55 lakhs * 2 Units )	0.55
3.	Field Cameras (@ Rs. 30,000 * 2 Units )	0.60
4.	GPS ( 2 Units )	0.50
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Md. Ade*



**Sub-Project 10- North East Hill University (NEHU), Meghalaya**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Scanner for Herbarium Imaging	3.00
2	Data Loggers (@ Rs. 0.55 lakhs * 2 Units )	0.55
3.	Field Cameras (@ Rs. 30,000 * 2 Units )	0.60
4.	GPS ( 2 Units )	0.50
5.	Stereomicroscope	6.00
6.	Minor Equipment (field gears & storage units etc)	3.00
	<b>Total</b>	<b>13.65</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
Field Asst. Rs.10000/- month	Two	2.40	2.40	2.40	7.2
<b>Total :</b>		<b>14.016</b>	<b>14.016</b>	<b>14.808</b>	<b>42.84</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*Mold. Ad*



**Sub-Project 11- National Botanical Research Institute (NBRI), Lucknow**

*(Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	5.00	0.00	0.00	5.00
Manpower	14.472	14.472	14.472	43.416
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>27.472</b>	<b>22.472</b>	<b>22.472</b>	<b>72.416</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Minor equipment (GPS, Soil physical parameter analyzing kit, field microscopes etc.)	5.00
	<b>Total</b>	<b>5.00</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 20% HRA for all three years.	One	5.472	5.472	5.472	16.416
<b>Project Fellow</b> @ Rs. 25000/- per month fixed	Three	9.00	9.00	9.00	27.00
<b>Total :</b>		<b>14.472</b>	<b>14.472</b>	<b>14.472</b>	<b>43.416</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A.20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-Project 12- Institute for Bioresources and Sustainable Development (IBSD), Manipur**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	2.00	0.00	0.00	2.00
Manpower	11.016	11.016	11.016	33.048
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>21.016</b>	<b>19.016</b>	<b>19.016</b>	<b>59.048</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Minor equipment (GPS, Soil physical parameter analysing kit, field microscopes etc.)	2.00
	<b>Total</b>	<b>2.00</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Project Fellow</b> @ Rs. 25000/- per month fixed	Two	6.00	6.00	6.00	18.00
<b>Total :</b>		<b>11.016</b>	<b>11.016</b>	<b>11.016</b>	<b>33.048</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A.20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mohd. Ashu*



**Sub-Project 13- Agharkar Research Institute, Pune**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	2.00	0.00	0.00	2.00
Manpower	9.00	9.00	9.00	27.00
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>19.00</b>	<b>17.00</b>	<b>17.00</b>	<b>53.00</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Minor equipment (GPS, Soil physical parameter analysing kit, field microscopes etc.)	2.00
	<b>Total</b>	<b>2.00</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
Project Fellow @ Rs. 25000/- per month fixed	Three	9.00	9.00	9.00	27.00
<b>Total :</b>		<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>27.00</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-Project 14- Institute for Bioresources and Sustainable Development (IBSD), Manipur**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	1.50	0.00	0.00	1.50
Manpower	9.00	9.00	9.00	27.00
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>18.50</b>	<b>17.00</b>	<b>17.00</b>	<b>52.50</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Minor equipments ( Data loggers, Handy cam camera (High magnification), GPS etc )	1.50
	<b>Total</b>	<b>1.50</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
Research Associate @ Rs. 38000/- + 10% HRA for all three years.	One	5.016	5.016	5.016	15.048
Project Fellow @ Rs. 25000/- per month fixed	Two	6.00	6.00	6.00	18.00
<b>Total :</b>		<b>11.016</b>	<b>11.016</b>	<b>11.016</b>	<b>33.048</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*N. S. Ashu*



Sub-Project 15- Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore

Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	3.60	0.00	0.00	3.60
Manpower	13.728	13.728	14.664	42.12
Consumables	1.00	1.00	1.00	3.00
Travel	1.00	1.00	1.00	3.00
Contingency	1.00	1.00	1.00	3.00
Overhead	0.75	0.70	0.70	2.15
<b>TOTAL</b>	<b>21.078</b>	<b>17.428</b>	<b>18.364</b>	<b>56.87</b>

Details of equipment:

S..n o	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data Loggers (2 Units)	1.00
2.	Cameras(2 Units)	0.60
3.	Minor Equipment (GPS, field gears & storage units etc.)	2.00
	<b>Total</b>	<b>3.60</b>

Details of Manpower:

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.80	7.80	8.736	24.336
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>13.728</b>	<b>13.728</b>	<b>14.664</b>	<b>42.12</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*Npld. Adre*



**Sub-Project 16- Rajiv Gandhi University, Arunachal Pradesh**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	11.616	11.616	12.408	35.64
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>29.616</b>	<b>19.616</b>	<b>20.408</b>	<b>69.64</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data loggers (Rs. 50000*2 units	1.00
2.	Cameras (with Zoom lens, with Macro lens and stand)	1.50
3.	Stereo Microscope	5.00
4.	Minor equipment- GPS , (bee veil, leather gloves, storage vial, digital calipers, Sampling net, Altimeter, Kestrel Weather meter, HoBo data logger, etc.)	2.50
	<b>Total</b>	<b>10.00</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>11.616</b>	<b>11.616</b>	<b>12.408</b>	<b>35.64</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*Md. Ash*



**Sub-Project 17- North Eastern Hill University (NEHU), Shillong**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	11.616	11.616	12.408	35.64
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>29.616</b>	<b>19.616</b>	<b>20.408</b>	<b>69.64</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data loggers (Rs. 50000*2 units)	1.00
2.	Cameras (with Zoom lens, with Macro lens and stand)	1.50
3.	GPS (Rs. 50000*2 units)	0.50
4.	Stereo Microscope	5.00
5.	Minor equipment- (bee veil, leather gloves, storage vial, digital calipers, Sampling net, Altimeter, Kestrel Weather meter, HoBo data logger, etc.)	2.00
	<b>Total</b>	<b>10.00</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 10% HRA for all three years.	One	5.016	5.016	5.016	15.048
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>11.616</b>	<b>11.616</b>	<b>12.408</b>	<b>35.64</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

*Nbold. Arl*



**Sub-Project 18- Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

*Rs. In lakhs*

Heads	I Year	II Year	III Year	Total
Equipment	36.10	0.00	0.00	36.10
Manpower	13.728	13.728	14.664	42.12
Consumables	3.00	3.00	3.00	9.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>58.828</b>	<b>22.728</b>	<b>23.664</b>	<b>105.22</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data Loggers (2 units)	1.00
2.	Cameras(2 units)	0.60
3.	GPS	0.50
4.	Digital Microscope (Keyence VHX900 & accessories)	30.00
5.	Stereo microscope Lobo (2 units)	2.00
6.	Minor Equipment including field gears & storage units,	2.00
	<b>Total</b>	<b>36.10</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.80	7.80	8.736	24.336
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>13.728</b>	<b>13.728</b>	<b>14.664</b>	<b>42.12</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*N. S. Ashoka*



**Sub-Project 19- Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	29.35	0.00	0.00	29.35
Manpower	13.728	13.728	14.664	42.12
Consumables	1.50	1.25	1.25	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>50.578</b>	<b>20.978</b>	<b>21.914</b>	<b>93.47</b>

**Details of equipment:**

S..n o	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Data logger (3 Units)	1.65
2.	Streo Microscope with camera attachment for identification of snails	6.00
3.	Minor field equipment etc	5.00
4.	GPS (2 Units)	0.50
5.	Field Camera (2 Units)	0.60
6.	pH meter (2 Units)	0.30
7.	TDS meter (2 Units)	0.30
8.	Color printer+ Scanner	0.40
9.	Hach water analysis kit	7.50
10.	High-end image processing unit	1.60
11.	DSLR Camera and Lens	3.50
12.	Image processing software	2.00
	<b>Total</b>	<b>29.35</b>

**Details of Manpower:**

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.80	7.80	8.736	24.336
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>13.728</b>	<b>13.728</b>	<b>14.664</b>	<b>42.12</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*N. S. Ad...*



**Sub-Project 20- Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

*Rs. In lakhs*

Heads	I Year	II Year	III Year	Total
Equipment	6.10	0.00	0.00	6.10
Manpower	8.928	8.928	8.928	26.784
Consumables	0.00	0.00	0.00	0.0
Travel	2.00	2.00	2.00	6.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>19.028</b>	<b>12.928</b>	<b>12.928</b>	<b>44.884</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Computer for database	5.00
2.	Desktop/Laptop computers 2 Units	1.10
	<b>Total</b>	<b>6.10</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
Research Associate @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
Project Assistant (Computer) @ Rs. 25000/- Per month fixed	One	3.00	3.00	3.00	9.00
<b>Total :</b>		<b>8.928</b>	<b>8.928</b>	<b>8.928</b>	<b>26.784</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Component 2: Taxonomic Analysis for Assessment of Diversity and Phylogenetic Relationships among Selected Understudied Taxa of North East Region**

**Sub-Project 1- Institute of Life Sciences, Bhubaneswar** *Rs. In lakhs*

Heads	I Year	II Year	III Year	Total
Equipment	40.13	0.00	0.00	40.13
Manpower	12.384	12.384	13.248	38.016
Consumables	8.00	6.00	6.00	20.00
Travel	1.00	1.00	1.00	3.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>63.514</b>	<b>21.384</b>	<b>22.248</b>	<b>107.146</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Fragment Analyzer and accessories	24.00
2.	C1000 Thermal Cycler (PCR Machine)	4.00
3.	Refrigerated High Speed Centrifuge	7.50
4.	Horizontal Electrophoresis & Power	1.26
5.	Deep Freezer (2 Units) and refrigerators (2 Units)	2.57
6.	Pipet set	0.80
	<b>Total</b>	<b>40.13</b>

*Mohd. Azhar*



**Details of Manpower:**

(Rs. in Lakhs)					
Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 36000/- + 20% HRA for all three years.	One	5.184	5.184	5.184	15.552
<b>Junior Research Fellow</b> @ Rs. 25000/- + 20% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.20	7.20	8.064	22.464
<b>Senior Research Fellow</b> @ Rs. 28000/- + 20% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>12.384</b>	<b>12.384</b>	<b>13.248</b>	<b>38.016</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-Project 2- Institute of Bioresources and Sustainable Development (IBSD), Imphal**

Rs. In lakhs)				
Heads	I Year	II Year	III Year	Total
<b>Equipment</b>	35.00	0.00	0.00	<b>35.00</b>
<b>Manpower</b>	11.352	11.352	12.144	<b>34.848</b>
<b>Consumables</b>	8.00	6.00	6.00	<b>20.00</b>
<b>Travel</b>	1.00	1.00	1.00	<b>3.00</b>
<b>Contingency</b>	1.00	1.00	1.00	<b>3.00</b>
<b>Overhead</b>	1.00	1.00	1.00	<b>3.00</b>
<b>TOTAL</b>	<b>57.352</b>	<b>20.352</b>	<b>21.144</b>	<b>98.848</b>

**Details of equipment:**

S. no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Real time PCR (RT-PCR)	20.00
2.	Minor equipment (PCR machine, electrophoresis units, micro-centrifuge, Incubator etc.)	15.00
	<b>Total</b>	<b>35.00</b>

**Details of Manpower:**

(Rs. in Lakhs)					
Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 36000/- + 10% HRA for all three years.	One	4.752	4.752	4.752	14.256
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>11.352</b>	<b>11.352</b>	<b>12.144</b>	<b>34.848</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mold. Asha*



**Sub-Project 3 CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (CSIR-NBRI)**

*Rs. In lakhs*

Heads	I Year	II Year	III Year	Total
Equipment	29.21	0.00	0.00	29.21
Manpower	12.384	12.384	13.248	38.016
Consumables	8.00	6.00	6.00	20.00
Travel	1.00	1.00	1.00	3.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>52.594</b>	<b>21.384</b>	<b>22.248</b>	<b>96.226</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Nanodrop Spectro photometer	11.21
2.	PCR machine	6.00
3.	Refrigerated Centrifuge	9.00
4.	Circulating Water-bath	3.00
	<b>Total</b>	<b>29.21</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 36000/- + 20% HRA for all three years.	One	5.184	5.184	5.184	15.552
<b>Junior Research Fellow</b> @ Rs. 25000/- + 20% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.20	7.20	8.064	22.464
<b>Senior Research Fellow</b> @ Rs. 28000/- + 20% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>12.384</b>	<b>12.384</b>	<b>13.248</b>	<b>38.016</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-Project 4:- Ashoka Trust for Research in Ecology and the Environment(ATREE)**

*Rs. In lakhs*

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	7.80	7.8	8.736	24.336
Consumables	4.00	4.55	4.55	13.10
Travel	1.00	1.00	1.00	3.00
Contingency	0.50	0.50	0.50	1.50
Overhead	0.50	0.50	0.50	1.50
<b>TOTAL</b>	<b>23.80</b>	<b>14.35</b>	<b>15.286</b>	<b>53.436</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	PCR machine	4.50
2.	Autoclave	4.00
3.	Digital SLR Camera with lens & accessories	1.30
4.	GPS	0.20
	<b>Total</b>	<b>10.00</b>

*Md. Aslam*



**Details of Manpower:**

(Rs. in Lakhs)					
Positions	No.	I Year	II Year	III Year	Total
<b>Junior Research Fellow</b> @ Rs. 25000/- + 30% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	7.80	7.80	8.736	24.336
<b>Senior Research Fellow</b> @ Rs. 28000/- + 30% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>7.8</b>	<b>7.8</b>	<b>8.736</b>	<b>24.336</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Component 3: Assess the economic value of bio-resources and their role in meeting the societal needs and sustainable development goals**

**Sub-Project 1:- Institute of Bioresources and Sustainable Development (IBSD), Imphal**

Rs. In lakhs)				
Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	11.40	11.40	12.192	34.992
Consumables	10.00	10.00	10.00	30.00
Travel	3.00	3.00	3.00	9.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>36.40</b>	<b>26.40</b>	<b>27.192</b>	<b>89.992</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Minor equipment	10.00
	<b>Total</b>	

**Details of Manpower:**

(Rs. in Lakhs)					
Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 40000/- + 10% HRA for all three years.	One	4.80	4.80	4.80	14.40
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>11.40</b>	<b>11.40</b>	<b>12.192</b>	<b>34.992</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mold. Asha*



Sub-Project 2:- CSIR-NATIONALBOTANICALRESEARCHINSTITUTE (CSIR-NBRI), LUCKNOW

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	14.40	14.4	16.128	44.928
Consumables	9.00	9.00	9.00	27.00
Travel	2.50	2.50	2.50	7.50
Contingency	1.00	1.00	1.00	3.00
Overhead	0.75	0.70	0.70	2.15
<b>TOTAL</b>	<b>37.65</b>	<b>27.6</b>	<b>29.328</b>	<b>94.578</b>

Details of equipment:

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Double beam UV-spectrophotometer	10.00

Details of Manpower:

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Junior Research Fellow</b> @ Rs. 25000/- + 20% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Four	14.40	14.40	16.128	44.928
<b>Senior Research Fellow</b> @ Rs. 28000/- + 20% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>14.4</b>	<b>14.4</b>	<b>16.128</b>	<b>44.928</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A.20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

Component 4: Biodiversity based livelihoods

Sub-Project 1:- CSIR-NATIONALBOTANICALRESEARCHINSTITUTE (CSIR-NBRI)

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	16.56	16.56	17.856	50.976
Consumables	15.00	14.30	14.30	43.60
Travel	2.00	2.00	2.00	6.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	2.00	2.00	5.00
<b>TOTAL</b>	<b>45.56</b>	<b>35.86</b>	<b>37.156</b>	<b>118.576</b>

Details of equipment:

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Microplate Reader	10.00

Details of Manpower:

(Rs. in Lakhs)

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 40000/- + 20% HRA for all three years.	One	5.76	5.76	5.76	17.28
<b>Junior Research Fellow</b> @ Rs. 25000/- + 20% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Three	10.80	10.80	12.096	33.696
<b>Senior Research Fellow</b> @ Rs. 28000/- + 20% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>16.56</b>	<b>16.56</b>	<b>17.856</b>	<b>50.976</b>

Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A.20020/11/97-IFD dated 22.09.2009 are met by the research personnel.

Md. Asher



**Sub-Project 2:- NERIST, Arunachal Pradesh**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	7.99	0.00	0.00	7.99
Manpower	6.60	6.60	7.392	20.592
Consumables	5.00	15.00	15.00	35.00
Travel	2.00	2.00	2.00	6.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>23.59</b>	<b>25.6</b>	<b>26.392</b>	<b>75.582</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Rotary evaporator	7.99

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>6.60</b>	<b>6.60</b>	<b>7.392</b>	<b>20.592</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Sub-Project 3:- Institute of Bioresources and Sustainable Development (IBSD), Impal, Manipur**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	6.60	6.60	7.392	20.592
Consumables	5.00	15.00	14.15	34.15
Travel	2.00	2.00	2.00	6.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>25.6</b>	<b>25.60</b>	<b>25.542</b>	<b>76.742</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Rotary evaporator	10.00

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>6.60</b>	<b>6.60</b>	<b>7.392</b>	<b>20.592</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mold. Adh*



**Sub-Project 4:- NEHU, Shillong, Meghalaya**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	7.95	0.00	0.00	7.95
Manpower	6.60	6.60	7.392	20.592
Consumables	5.00	15.00	15.00	35.00
Travel	2.00	2.00	2.00	6.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>23.55</b>	<b>25.6</b>	<b>26.392</b>	<b>75.542</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Rotary evaporator	7.95

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Junior Research Fellow</b> @ Rs. 25000/- + 10% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and	Two	6.60	6.60	7.392	20.592
<b>Senior Research Fellow</b> @ Rs. 28000/- + 10% HRA for 3 <sup>rd</sup> year. Strictly as per DST guidelines					
<b>Total :</b>		<b>6.60</b>	<b>6.60</b>	<b>7.392</b>	<b>20.592</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**Component 5:- Enhancing capacity in Communication about biological resources, biodiversity science and sustainable development for societal benefits in North East**

**Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore**

*Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	3.75	0.00	0.00	3.75
Manpower	10.296	10.296	10.296	30.888
Consumables	10.00	10.00	10.00	30.00
Travel	8.00	8.00	7.00	23.00
Contingency	20.00	20.00	20.00	60.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>53.046</b>	<b>49.296</b>	<b>48.296</b>	<b>150.638</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Computers (4 nos. of Laptops/Desktops)	2.20
2.	Projector and accessories	0.93
3.	Cameras (2Units)	0.62
	<b>Total</b>	<b>3.75</b>

**Details of Manpower:**

*(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Project Associate</b> @ Rs. 28,000 + HRA 30% HRA	One	4.368	4.368	4.368	13.104
<b>Total :</b>		<b>10.296</b>	<b>10.296</b>	<b>10.296</b>	<b>30.888</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

*Mohd. Asher*



**Component 6:-Monitoring, Management and Coordination of the project****Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore***Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	0.55	0.00	0.00	<b>0.55</b>
Manpower	11.388	11.8794	12.41503	<b>35.68243</b>
Consumables	0.50	0.50	0.50	<b>1.50</b>
Travel	2.00	2.00	2.00	<b>6.00</b>
Contingency	1.00	1.00	1.00	<b>3.00</b>
Overhead	1.00	1.00	1.00	<b>3.00</b>
<b>TOTAL</b>	<b>16.438</b>	<b>16.3794</b>	<b>16.91503</b>	<b>49.73243</b>

**Details of equipment:**

S.no	Name of the equipment	Sanctioned Cost (in lakhs)
1.	Computers (1 nos. of Laptops/ Desktops)	0.55
	<b>Total</b>	<b>0.55</b>

**Details of Manpower:***(Rs. in Lakhs)*

Positions	No.	I Year	II Year	III Year	Total
<b>Research Associate</b> @ Rs. 38000/- + 30% HRA for all three years.	One	5.928	5.928	5.928	17.784
<b>Accountant</b> One; Pay transition to 7 CPC equivalent considered	One	5.46	5.95140	6.48703	17.89843
<b>Total :</b>		<b>11.388</b>	<b>11.8794</b>	<b>12.41503</b>	<b>35.68243</b>

*Emoluments of the research personnel (Junior Research Fellow/ Senior Research Fellow/ Research Associate/ Research Scientist etc.) shall be applicable only if educational qualification or eligibility criteria as per DST OM Nos. A.20020/11/97-IFD dated 31.03.2010 and A. 20020/11/97-IFD dated 22.09.2009 are met by the research personnel.*

**3. Head of Account:**

The **Non-Recurring** expenditure involved is debit to:

Demand No. 85	Department of Biotechnology
<b>3425</b>	Other Scientific Research 2017-2018
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

The **Recurring** expenditure involved is debit to:

Demand No. 85	Department of Biotechnology
<b>3425</b>	Other Scientific Research 2017-2018
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.31</b>	Grants in Aid General

**4. Terms & Conditions:**

- 4.1 The other terms and conditions governing this sanction are attached at Annexure- I.
- 4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory before first release. A format of the MoA is enclosed in Annexure-II.
- 4.3 Institute wise Total consolidated budgetary details of the all Sub -projects are given at Annexure -III.

*N. S. S. S.*



- 4.4 Considering the time bound nature of the project, the project will be monitored by the Task Force / Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-IV.
- 4.4 In the event of the grantee failing to comply with the conditions or committing breach of the conditions of the bond, the signatories to the bond shall be jointly and severally liable to refund to the President of India, the whole or a part amount of the grant with interest at ten per cent per annum thereon or the sum specified under the bond. The stamp duty for this bond shall be borne by the Government.
- 4.5 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.
- 5.0 No International travel will be undertaken from the sanctioned project grant.
- 6.0 Executive Authorities (Director/ Registrar as the case will be) of the institutions involve in the project would be responsible for submission of Statements of Expenditure (S/E) and consolidated utilization certificates (U/Cs) etc. to DBT in respect of grants released against this sanction order from time to time.
- 7.0 The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.
- 8.0 This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/...5441.../2017-2018** Dated **29-03-2018**.
- 9.0 This sanction order has been noted at serial no. ...39..... in the Register of Grants

*Mohd. Aslam*  
**Dr. Mohd. Aslam**  
**(Adviser)**

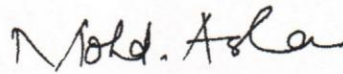
To,  
 The Pay & Accounts Officer,  
 Department of Biotechnology,  
 New Delhi - 110 003

**Copy to:**

1. The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002
2. Prof. DinabandhuSahoo, Director, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur
3. Dr. Gitamani Dutta, Programme Office and Lead Researcher, Department of Botany, Institute of Bioresources and Sustainable Development (IBSD), Imphal
4. DrBisheshworiThongam, Scientist D, Department of Plant Systematic and Conservation Lab, (IBSD), Imphal, Manipur
5. Dr. Nanaocha Sharma, Fellow, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur
6. Dr. ShantibalaTourangbam, Scientist -C, Insect Bioresources Division, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur
7. Dr. Albert Chiang, Scientist C, Department of Restoration Ecology, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur
8. Dr. GanesanRengaian, Fellow, Suri Sehgal Center for Biodiversity and Conservation, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore
9. The Director, Ashoka Trust for Research in Ecology and the Environment (ATREE), Royal Enclave Srirampura, Jakkur Post, Bengaluru- Karnataka
10. Dr. RavikanthGudsalmanni, Fellow, Center for Biodiversity and Conservation, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore
11. Dr. MuneeswaranMariappan, Coordinator, Department of Ecoinformatics Lab, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore
12. Dr. Priyadarsanan, Senior Fellow, Centre for Biodiversity and Conservation, ATREE, Bangalore
13. Dr. Aravind, Fellow, ATREE, Bangalore
14. Dr.Sarala Khaling, Regional Director, ATREE, Bangalore
15. Dr. Uma Shankar, Professor, Department of Botany North Eastern Hill University, Shillong, Meghalaya
16. Finance Officer , North-Eastern Hill University, UmshingMawkynroh, Shillong, Meghalaya 793022
17. Dr. SundhanyaHajong, Assistant Professor, Department of Zoology, North Eastern Hill University, Shillong, Meghalaya
18. Dr. Highland Kayang, Professor, Centre for Advanced Studies in Botany ,North Eastern Hill University, Meghalaya, Shillong, Meghalaya
19. Dr. PapiyaRamanujam, Associate Professor, Department of Botany, North Eastern Hill University, Shillong, Meghalaya
20. Dr. BiankaZote, Assistant Professor, Department of Botany ,Mizoram University, Aizawl



21. Registrar, Mizoram University, Aizawl, Mizoram -796004
22. Dr. Saroj Kumar Barik, Director, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute (NBRI), No 436, Rana Pratap Marg, Lucknow, Uttar Pradesh
23. Dr. Sanjeeva Nayaka, Principal Scientist, Department of Systematics and Herbarium CSIR-National Botanical Research Institute, Lucknow
24. Dr. Tikam Rana, Senior Principal Scientist, Molecular Systematics Lab., Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
25. Dr. Ashish Asathana, Principal Scientist, Bryology Section, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
26. Dr. Ajit Singh, Senior Scientist, Pteridology Section, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar
27. Dr. Poonam Singh, Senior Scientist, Plant Microbial Interaction Section Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
28. Dr. Suchi Srivastava, Senior Scientist, Plant Microbial Interaction Section Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
29. Dr. Vinay Sahu, Senior Technical officer, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar
30. Dr. Kiran Toppo, Senior Technical officer, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
31. Dr. Sandip Behera, Senior Technical officer, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
32. Mr. Komal Ingle, Technical Assistant, Lichenology Section, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
33. Dr. K Narayana, Sr. Principal Scientist, Department of Plant Diversity, Systematics & Herbarium, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
34. Dr. Satya Narayanan Jena, Senior Scientist, Genetics and Molecular Biology, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
35. Dr. Sekhar Chandra Mohanty, Senior Scientist, Plant Molecular Biology, CSIR-National Botanical Research Institute, Lucknow
36. Dr. O P Sidhu, Principal Scientist, Department of Phytochemistry, National Botanical Research Institute, Rana Pratap Marg, Lucknow - Uttar Pradesh
37. Dr. Manjusha Srivastava, Principle Scientist, Phytochemistry Division, National Botanical Research Institute, Rana Pratap Marg, Lucknow - Uttar Pradesh
38. Dr. Anand Prakash, Principal Scientist, Department of Plant Taxonomy, National Botanical Research Institute, Rana Pratap Marg, Lucknow - Uttar Pradesh
39. Dr. Vishnu Wagh, Principal Scientist, Department of Plant Taxonomy, National Botanical Research Institute, Rana Pratap Marg, Lucknow - Uttar Pradesh
40. Dr. Brahma Singh, Scientist, Pharmacognosy & Ethnopharmacology, CSIR-National Botanical Research Institute, Lucknow
41. Dr. Krishna Tiwari, Senior Principal Scientist, Distant Research Centres, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
42. Dr. Ch V Rao, Senior Principal Scientist, Pharmacognosy & Ethnopharmacology, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
43. Dr. Sharad Srivastava, Principal Scientist, Pharmacognosy & Ethnopharmacology, CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
44. Dr. Karthick Balasubramanian, Scientist-C, Department of Biodiversity and paleobiology, Agharkar Research Institute, Pune, Maharashtra
45. Director, Agharkar Research Institute (ARI), Gopal Ganesh Agarkar Road, Pune -411004, Maharashtra
46. Dr. Badal Datta, Professor, Department of Botany, Tripura University, Tripura, Agartala
47. Registrar, Tripura University, Suryamani Nagar, Bikanranagar, Tripura -799022
48. Dr. Ajay Parida, Director, Institute of Life Sciences (ILS), Bhubaneswar
49. Director, Institute of Life Sciences (ILS), NALCO Nagar Road, NALCO Square, Chandrasekharpur, Odisha - 751023, Bhubaneswar
50. Dr. Padmaraj Gajurel, NERIST, Nirjuli, Itanagar -791109 Arunachal Pradesh
51. Director, NERIST, Nirjuli, Itanagar -791109 Arunachal Pradesh
52. Cash Section, DBT (2 copies).
53. Sanction Folder
54. File Copy

  
Dr. Mohd. Aslam  
(Adviser)



## Annexure III

Institute wise Total consolidated budgetary details of the project are as follows:

**Balipara Foundation, Guwahati, Assam (Component 1: Sub-Project 2 )**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Nagaland University , Ballard, Nagaland (Component 1: Sub-Project -6)**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Mizoram University, Aizawl, Mizoram (Component 1: Sub-Project 8)**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

**Tripura University, Suryamani Nagar, Bikramnagar Tripura (Component 1: Sub-Project 9)**

(Rs. In lakhs)

Heads	I Year	II Year	III Year	Total
Equipment	13.65	0.00	0.00	13.65
Manpower	14.016	14.016	14.808	42.84
Consumables	2.00	1.00	1.00	4.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>35.666</b>	<b>21.016</b>	<b>21.808</b>	<b>78.49</b>

*Noid. Asla*



**Agharkar Research Institute, Pune, Maharashtra (Component 1: Sub-Project 13)***Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	2.00	0.00	0.00	2.00
Manpower	9.00	9.00	9.00	27.00
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>19.00</b>	<b>17.00</b>	<b>17.00</b>	<b>53.00</b>

**Rajiv Gandhi University, Papum Pare, Arunachal Pradesh (Component 1: Sub-Project 16)***Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	10.00	0.00	0.00	10.00
Manpower	11.616	11.616	12.408	35.64
Consumables	2.00	2.00	2.00	6.00
Travel	3.00	3.00	3.00	9.00
Contingency	2.00	2.00	2.00	6.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>29.616</b>	<b>19.616</b>	<b>20.408</b>	<b>69.64</b>

**Institute of Life Sciences, Bhubaneswar, Odisha (Component 2: Sub-Project 1)***Rs. In lakhs)*

Heads	I Year	II Year	III Year	Total
Equipment	40.13	0.00	0.00	40.13
Manpower	12.384	12.384	13.248	38.016
Consumables	8.00	6.00	6.00	20.00
Travel	1.00	1.00	1.00	3.00
Contingency	1.00	1.00	1.00	3.00
Overhead	1.00	1.00	1.00	3.00
<b>TOTAL</b>	<b>63.514</b>	<b>21.384</b>	<b>22.248</b>	<b>107.146</b>

**Ashoka Trust for Research in Ecology and the Environment, Bengaluru, Karnataka**

(Component 1: Sub-Project - 1; Sub-Project -15 ; Sub-Project-18 ; Sub-Project -19; Sub-Project- 20;  
 Component 2: Sub-Project -4; Component 5 and Component 6)

*(Rs. In lakhs)*

Heads	I Year	II year	III year	Total
Equipment	105.55	0.0	0.0	105.55
Manpower	94.524	95.0154	100.08703	289.62643
Consumables	22.00	21.30	21.30	64.60
Travel	23.00	23.00	22.00	68.00
Contingency	29.50	29.50	29.50	88.50
Overhead	7.25	7.20	7.20	21.65
<b>TOTAL</b>	<b>281.824</b>	<b>176.0154</b>	<b>180.08703</b>	<b>637.92643</b>

*Md. Aslam*



**North-Eastern Hill University, Shillong, Meghalaya**

**(Component 1:** Sub-Project -10 ; Sub-Project -17; **Component 4:** Sub-Project -4)

(Rs. In lakhs)

Heads	I Year	II year	III year	Total
Equipment	31.60	0.00	0.0	31.60
Manpower	32.232	32.232	34.608	99.072
Consumables	9.00	18.00	18.00	45.00
Travel	8.00	8.000	8.00	24.00
Contingency	5.00	5.00	5.00	15.00
Overhead	3.00	3.00	3.00	9.00
<b>TOTAL</b>	<b>88.832</b>	<b>66.232</b>	<b>68.608</b>	<b>223.672</b>

**National Botanical Research Institute, Lucknow, Uttar Pradesh**

**(Component 1:** Sub-Project -11; **Component 2:** Sub-Project -3; **Component 3:** Sub-Project -2; **Component 4:** Sub-Project -1)

(Rs. In lakhs)

Heads	I Year	II year	III year	Total
Equipment	54.21	0.0	0.00	54.21
Manpower	57.816	57.816	61.704	177.336
Consumables	34.00	31.30	31.30	96.60
Travel	8.50	8.50	8.50	25.50
Contingency	5.00	5.00	5.00	15.00
Overhead	3.75	4.70	4.70	13.15
<b>TOTAL</b>	<b>163.276</b>	<b>107.316</b>	<b>111.204</b>	<b>381.796</b>

**Institute of Bioresources and Sustainable Development, Imphal, Manipur**

**(Component 1:** Sub-Project -7; Sub-Project -12; Sub-Project -14; **Component 2:** Sub-Project -2; **Component 3:** Sub-Project -1; **Component 4:** Sub-Project -3)

(Rs. In lakhs)

Heads	I Year	II year	III year	Total
Equipment	72.15	0.00	0.00	72.15
Manpower	63.384	63.384	66.552	193.32
Consumables	29.00	36.00	35.15	100.15
Travel	15.00	15.00	15.00	45.00
Contingency	9.00	9.00	9.00	27.00
Overhead	6.00	6.00	6.00	18.00
<b>TOTAL</b>	<b>194.534</b>	<b>129.384</b>	<b>131.702</b>	<b>455.62</b>

Mohd. Asla



FILE NO. EMR/2016/005544  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 28-Aug-2017

**ORDER**

Subject: Financial Sanction of the research project titled **"Foraging ecology of high altitude cliff bee (*Apis laboriosa* Smith) in-situ and its response to ex-situ management in lower altitude"** under the guidance of Dr. Hiren Gogoi, Zoology, Rajiv Gandhi University, Rono hills p.o. doimukh, itanagar, Itanagar, Arunachal Pradesh-791112 - 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. 2756600/- (Rs. Twenty Seven Lakh Fifty Six Thousand Six Hundred Only)** with break-up of **Rs. 227000/- under Capital (Non-recurring) head** and **Rs. 2529600/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2756600/-** has been approved are given below:

The following budget may be considered for **Rajiv Gandhi University, Rono Hills P.O. Doimukh, Itanagar**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Camera -> GPS -> High Precision Analytical balance	227000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>227000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	2279600
2	Recurring - B : (Overhead Charges)	250000
<b>B'</b>	<b>Total (Recurring)</b>	<b>2529600</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2756600</b>

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 227000/-** (Rupees Two Lakh Twenty Seven Thousand only) under 'Grants for creation of capital assets' and **Rs. 650000/-** (Rupees Six Lakh Fifty Thousand only) under 'Grants-in-aid General' to **Vice Chancellor, Rajiv Gandhi University, Rono Hills P.O. Doimukh, Itanagar**

being the first installment of the grant for the year 2017-2018 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**

**This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Animal Sciences)**

4. The Sanction has been issued to Rajiv Gandhi University, Rono Hills P.O. Doimukh, Itanagar with the approval of the competent authority under delegated powers on **17 August, 2017** and vide Diary No. **SERB/F/5035/2017-2018** dated **18 August, 2017**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

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

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

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


10. The release amount of **Rs. 877000/-** (Rupees Eight Lakh Seventy Seven Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

<b>Account Name</b>	<b>Registrar, Rajiv Gandhi University, Rono-Hills, Doimukh, Itanagar, Arunachal Pradesh</b>
<b>Account Number</b>	<b>88020101010000968</b>



Bank Name & Branch	Vijaya Bank Arunachal University Branch, Rajiv Gandhi University, Rono-Hills Doimukh-791112 Dist: Papum Pare, Arunachal Pradesh
IFSC/RTGS Code	VIB0008802
Email id of A/C Holder	rgureg@gmail.com
Email id of PI	hirengogoi2007@yahoo.co.in


11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. EMR/2016/005544 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
 (Dr. Doyil T Vengayil)  
 Scientist E  
 ms\_as@serbonline.in

To,  
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.	<b>Dr. Hiren Gogoi</b> <b>Zoology</b> <b>Rajiv Gandhi University, Rono hills p.o. doimukh, Itanagar, Itanagar, Arunachal Pradesh-791112</b> <b>Email: hirengogoi2007@yahoo.co.in</b> <b>Mobile: 919957285547</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>Vice Chancellor,</b> <b>Rajiv Gandhi University, Rono Hills P.O. Doimukh, Itanagar</b> (Receipt of Grant may be intimated by name to the undersigned)

  
 (Dr. Doyil T Vengayil)  
 Scientist E  
 ms\_as@serbonline.in



February 02, 2018

**SANCTION ORDER**

**Sub: Financial assistance for the project entitled "Scouting, Documentation and Dissemination of Innovations & Traditional Knowledge in Upper Subansiri District of Arunachal Pradesh"**

Dear Dr. Hui Tag,

A sanction not exceeding of Rs. 4,32,700/= (INR Four Lakh Thirty Two Thousand and Seven Hundred only) is hereby accorded for the project entitled 'Scouting, Documentation and Dissemination of Innovations & Traditional Knowledge in Upper Subansiri District of Arunachal Pradesh', submitted by Dr. Hui Tag, Rajiv Gandhi University, Papum Pare, Arunachal Pradesh.

The duration of this project is twelve months (February 2018- January 2019).

Budget:

SN.	Particulars	Amount in Rs.
1	Project Fellow (one) @ 13,200/- for twelve months	1,58,400
2	Travel for field work	1,75,000
3	Workshop for orientation to students	25,000
4	Contingency (stationery, communication, Xeroxing, documentation, postage, collection of sample,	35,000
5	Overhead charges	39,300
	Total	4,32,700

**Grand Total: INR Two Lakh Ninety Five Thousand and Nine Hundred only**

The organization will furnish to NIF, Utilization Certificate and an audited Statement of Accounts pertaining to the grant immediately after the end of the project.

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







**Revathy Vishwanath**  
Deputy Director I/c (RP)  
Contact: 26716690

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
Aruna Asaf Ali Marg, New Delhi-110067  
EPABX: 26741849-51 Fax: 91-11-26741836  
E-mail: [rp@icssr.org](mailto:rp@icssr.org) Website: [www.icssr.org](http://www.icssr.org)

F.No.02/103/2015-16/ICSSR/RP

Subject: Research Project entitled "**Folk Literature of the Tribes of the West Kameng District of Arunachal Pradesh- A Study Towards Developing Sample Text Books for the Primary School English Language Education**".

Dated: 14.11.2019

Dear **Dr. Krushna Chandra Mishra,**

This has reference to your mail dated 31-10-2019 requesting us to extend the duration of the project for a period of six months up to 29<sup>th</sup> April 2020 to submit the final report pertaining to the project "**Folk Literature of the Tribes of the West Kameng District of Arunachal Pradesh- A Study Towards Developing Sample Text Books for the Primary School English Language Education**" sanctioned to you.

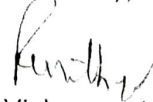
We have considered your request and I am directed to inform you that you are permitted to submit the project report by 29-04-2020. The extension of 6 months is granted subject to the condition that there shall be no change in the approved budget and no request for further extension beyond the approval period will be entertained.

Original duration of 24 months is from 30-010-2017 to 29-10-2019.

No-Cost Extension of 6 months from 30-10-2019 to 29-04-2020.

With regards,


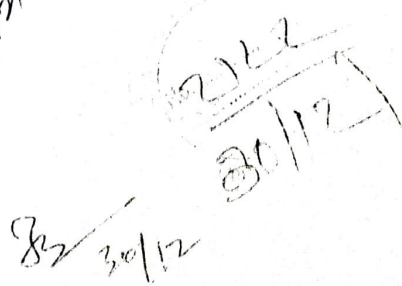
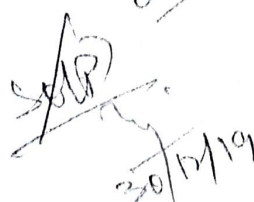
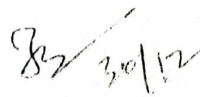
Yours sincerely,

  
(Revathy Vishwanath)

**Dr. Krushna Chandra Mishra,**  
Associate Professor in English,  
Government college,  
Bomdila-790001,  
Arunachal Pradesh

Copy To:

✓ **The Registrar,**  
Rajiv Gandhi University,  
Rono Hills, PO Doimukh-791112  
Arunachal Pradesh





# भारतीय आयुर्विज्ञान अनुसंधान परिषद INDIAN COUNCIL OF MEDICAL RESEARCH

स्वास्थ्य अनुसंधान विभाग (स्वास्थ्य एवं परिवार कल्याण मंत्रालय)  
वी.रामलिंगस्वामी भवन, अन्सारी नगर, नई दिल्ली - 110 029

DEPARTMENT OF HEALTH RESEARCH (MINISTRY OF HEALTH & FAMILY WELFARE)  
V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, NEW DELHI - 110 029

No. 5/7/1527/2016-CH

Dated: 17/07/2017

Registrar,  
Rajiv Gandhi University,  
Rono Hills, Doimukh-791112  
Arunachal Pradesh

**Subject:-**Sanction of budget allotment for the New Research proposal entitled "A study on woman reproductive health among the four major tribes of Arunachal Pradesh" under Dr. MD. Asghar Assistant Professor, Dept. of Anthropology Rajiv Gandhi University, Itanagar Rono Hills, Doimukh-791112, Arunachal Pradesh

Sir/Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for the period of One Year from 01/08/2017 subject to extension up to the total duration specified in para 4 below:-

1. The Director General of the Council also sanctions the budget allotment of **Rs.11,50,700/-** as detailed in the attached statement for the period from **01.08.2017 to 31.07.2018**. The grant-in-aid will be given subject to the following conditions.
2. The payment of the grant will be made in lump-sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding appointment of the staff is received by the Council. The Staff appointed on the project should be paid as indicated in the budget statement.
3. The staff on the project will be recruited as per the rules and procedure of the host institute and second part of the undertaking be obtained from the employees of the project. The staff grant will not be released unless the required undertaking [part-II] from Head of the Institute is received in this office.
4. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed Performa. The approved duration of the scheme is **One Year**. The annual extension will be given after review of the work done on the scheme during the previous year.
5. Fifteen copies of the annual progress report in the attached prescribed Performa should be submitted to the Council every year after completion of ten months of the project giving complete actual details of the research work done. Failure to submit the report in time may lead to termination of project.

The receipt of this letter may please be acknowledged.

Yours faithfully,

[Harjeet Kaur Bajaj]  
Admn. Officer  
for Director General

**Copy together with a copy of the budget statement forwarded to information to:**

1. Dr. MD. Asghar, Assistant Professor, Dept. of Anthropology, Rajiv Gandhi University, Rono Hills, Doimukh-791112, Arunachal Pradesh
2. Accounts. V. for information.
3. Budget forwarded to Budget Section [Finance Section] for compilation of the Council Budget
4. IRIS Cell No. 2015-3846
5. Mrs. Jatinder Kaur, Principal TO, Division of RBMH & CH, ICMR, New Delhi - 110029.

Admn. Officer  
for Director General