

Admin. Order

No. DBT-NER/AAB/64/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NERBPMC)

Block 2, 6-8th Floors
CGO Complex, Lodi Road,
New Delhi – 110003
Dated: 14/10/2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "Mizoram Biodiversity Documentation and Establishment of a Natural History Museum of Mizoram" at a total cost of ₹ 451.2604 lakhs (Rupees Four Crore Fifty-One Lakhs Twenty-Six Thousand Forty only) on the terms and conditions detailed here under:

2.0 The Project:

2.1 Project Title: Mizoram Biodiversity Documentation and Establishment of a Natural History Museum of Mizoram.

2.2 Investigators:

Name of the Coordinator & Implementing Institute:	Dr. John Zothanzama Assistant Professor Department of Environmental Science Mizoram University, Mizoram
Co- Coordinator Name	1. Prof. N. Senthil Kumar, Department of Biotechnology, Mizoram University, Mizoram. 2. Dr. (Ms.) Esther Lalhmingliani, Assistant Professor, Department of Zoology, Mizoram University, Mizoram
Name and Address of Principal Investigator(s):	1. Dr. K. Lalchhandama, Assistant Professor, Department of Zoology, Pachhunga University College, Aizawl, Mizoram 2. Dr. John Zothanzama, Assistant Professor, Department of Environmental Science, Mizoram University, Aizawl, Mizoram 3. Dr. Esther Lalhmingliani, Assistant professor, Department of Zoology, Mizoram University, Aizawl, Mizoram 4. Dr. HT. Lalremsanga, Assistant professor, Department of Zoology, Mizoram University, Aizawl, Mizoram
CO-PI:	1. Prof. Guruswami Gurusubramanian, Professor, Department of Zoology, Mizoram University, Aizawl, Mizoram. 2. Prof. N. Senthil Kumar, Professor, Department of Biotechnology, Mizoram University, Aizawl, Mizoram 3. Dr. P. C. Vanlalhluna, Assistant Professor, Department of Botany, Pachhunga University College, Mizoram 4. Dr. R. Lalfakzuala, Assistant Professor, Department of Botany, Mizoram University, Aizawl, Mizoram



Principal
Pachhunga University College
Aizawl : Mizoram

Coordinator
Internal Quality Assurance Cell
Pachhunga University College
(A constituent college of Mizoram University)

5. Dr. Lalramliana, Assistant Professor, Department of Zoology, Pachhunga University College, Mizoram
6. Dr. Zothansanga, Post-Doctoral Fellow, Department of Biotechnology, Mizoram University, Aizawl, Mizoram

2.3 Objectives:

A. Pachhunga University College, Mizoram

I. Beetle: Beetle diversity in the natural forest and jhumforests of Mizoram

1. Setting up standard 1-hectare sampling plots using a paired design in natural and jhum vegetation
2. Generating a reference set of Coleoptera from selected traps (ca. 2000 species), establishment of a first reference collection for a hitherto largely unknown insect fauna
3. Inter- and Intraspecific level study by applying a mitochondrial metagenomics protocol for sequencing and assembly of mitogenomes, and building of phylogenetic trees and placement of the Mizoram species relative to the global taxonomy based on existing worldwide phylogenetic analysis of Coleoptera.

B. Mizoram University, Mizoram

2.4 Time Schedule:

The duration of the project is three years from the date of this sanction order.

2.5 Manpower requirement:

A. Pachhunga University College, Aizawl, Mizoram

Amount (₹ in lakhs)							
Program 1: Beetle diversity in the natural forest and jhumforests of Mizoram							
S. No.	Name of Position	Scale of Pay	No. of Posts	Year I	Year II	Year III	Total
1.	Laboratory/ Field Assistant/ Project Assistant-1		1	2.592	2.592	2.592	7.776
2.	JRF/SRF	JRF @₹ 31,000/- + 8% HRA for the 1st & 2nd yr; SRF @ ₹ 35,000/- + 8% HRA for 3rd yr	1	4.0176	4.0176	4.536	12.5712
3.	Research Associate -I	₹ @ 47000/- + 8% HRA	1	6.0912	6.0912	6.0912	18.2736
Total:			3	12.7008	12.7008	13.2192	38.6208

2.6 Equipment requirement:

S. No.	Item	Qty.	Estimated Cost (₹ in lakh)
A. Pachhunga University College, Aizawl, Mizoram			
Program 1: Beetle diversity in the natural forest and jhumforests of Mizoram			
1.	Stereozoom Microscope (1)	One	3.00
2.	Camera (1)	One	0.60
3.	PCR System (Proflex 3X32 well triple block) (1)	One	5.00
4.	Gel Electrophoresis system (1)	One	1.00
5.	Gel Documentation System (1)	One	5.00
6.	Heating / Water Bath (1)	One	0.50
7.	Refrigerated Centrifuge (1)	One	2.00
8.	Laminar Airflow Chamber (1)	One	1.00
9.	Hot air Oven (1)	One	0.30
10.	UV Transilluminator (1)	One	1.00
11.	Autoclave (Vertical) (1)	One	0.70
12.	Micropipette sets (1 Set)	One	1.00
13.	Microwave Oven (1)	One	0.15
14.	Spinwin (MC-01) (1)	One	0.20
15.	Vortex Mixer (1)	One	0.20
	Grand Total A		21.65
B. Mizoram University, Aizawl, Mizoram			

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Vaibhavi


A. Pachhunga University College, Aizawl, Mizoram

Amount (₹ in lakh)

S. No.	Item	Year I	Year II	Year III	Total
A. Nonrecurring					
1	Equipment	21.65	0.00	0.00	21.65
B. Recurring					
1	Manpower	12.7008	12.7008	13.2192	38.6208
2	Consumables	2.50	1.50	1.50	5.50
3	Travel	1.00	1.00	1.00	3.00
4	Contingencies	0.50	0.50	0.50	1.50
5	Overheads	0.70	0.70	0.70	2.10
Sub Total (B)		17.4008	16.4008	16.9192	50.7208
Total I (A+B):		39.0508	16.4008	16.9192	72.3708

1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so

6. No international travel shall be undertaken from the sanctioned project grant unless specified otherwise.
7. The **Registrar, Pachhunga University College, Aizawl, Mizoram** and The **registrar, Mizoram University, Aizawl, Mizoram** would be responsible for submission of Statement of Expenditure and consolidated Utilization Certificate to DBT and Pls in respect of grants released against this order from time to time.
8. This issue under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their **SAN No. DBT/102/IFD/SAN/2414/2019-2020** dated **11/10/2019**.
9. This sanction order has been noted at serial no. 173-174 in the Register of Grants.


(Dr. Vaishali Panjabi)
Scientist 'E'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road, New Delhi – 110003

Copy to:

1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi – 110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Dr. John Zothanzama (Project Co-ordinator), Assistant Professor, Department of Environmental Science, Mizoram University, Mizoram
6. The Registrar, Pachhunga University College, Aizawl, Mizoram.
7. The Registrar, Mizoram University, Aizawl, Mizoram.
8. Prof. N. Senthil Kumar (Project Co- Coordinator), Department of Biotechnology, Mizoram University, Mizoram
9. Dr. (Ms.) Esther Lalhmingliani (Project Co- Coordinator), Assistant Professor, Department of Zoology, Mizoram University, Mizoram.
10. Dr. K. Lalchhandama, Assistant Professor, Department of Zoology, Pachhunga University College, Aizawl, Mizoram.
11. Dr. John Zothanzama, Assistant Professor, Department of Environmental Science, Mizoram University, Aizawl, Mizoram.
12. Dr. Eather Lalhmingliani, Assistant professor, Department of Zoology, Mizoram University, Aizawl, Mizoram.
13. Dr. HT. Lalremsanga, Assistant professor, Department of Zoology, Mizoram University, Aizawl, Mizoram.

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Recurring

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Block 2, 6-8th Floors
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New Delhi - 110003
Dated: 28/07/2021

RELEASE ORDER

In continuation of this Department's sanction order of even number dated 14 /10/2019, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the release of a sum of ₹ 77.0068 lakhs (**Rupees Seventy-Seven Lakhs and Six hundred Eighty only**) being the Second-year release for the project entitled "**Mizoram Biodiversity Documentation and Establishment of a Natural History Museum of Mizoram**", being implemented by:

A. Dr. K. Lalchhandama, Assistant Professor, Department of Zoology, Pachhunga University College, Aizawl, Mizoram.

B. Dr. John Zothanzama, Assistant Professor, Department of Environmental Science, Mizoram University, Aizawl, Mizoram

S. No	Institute Name	Recurring						Total Release Amount (Rs in lakhs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	Pachhunga University College, Aizawl, Mizoram	9.5208	1.50	1.00	0.15	0.00	0.70	12.8708
2	Mizoram University, Aizawl, Mizoram	48.136	7.00	5.00	1.00	0.00	3.00	64.136

- The other terms and conditions governing the financial sanction will remain unaltered.
- The amount of ₹ 77.0068 lakhs (**Rupees (Rupees Seventy-Seven Lakhs and Six hundred Eighty only)**) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

A. Rs. 12.8708 lakhs (Rupees Twelve Lakhs and Eighty Seven Thousand Eighty Only) to The Registrar, Pachhunga University College, Aizawl, Mizoram.

Name of the Bank: State Bank of India

Account No.: 30812792852

IFSC Code: SBIN0007058

MICR Code: 796002005

B. Rs. 64.136 lakhs (Rupees Sixty Four Lakhs Thirteen Thousand and Six Hundred Only) to The Registrar, Mizoram University, Aizawl, Mizoram.

Name of the Bank: United Bank of India

Account No.: 1548010004312

IFSC Code: UTBI0MZUH61

MICR Code: 796027003

4. The expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

5. The Registrar, Pachhunga University College, Aizawl, Mizoram and The registrar, Mizoram University, Aizawl, Mizoram will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
6. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
7. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
8. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. As per provision contained in the Rule 230 (8) of GFR 2017, all interest/other earning occurred against grant-in-aid shall be mandatorily remitted to the Consolidated Fund of India (CFI) through the online portal www.bharatkosh.gov.in only.
9. This sanction also carries the permission to carry forward the unspent balance of Rs. 2111000/- for Pachhunga University College, Aizawl, Mizoram (out of which PI has remitted interest earned amount to CFI for Rs. 46000/- dated 26/01/2021) and Rs. 3805769/- for Mizoram University, Aizawl, Mizoram, (out of which PI has remitted interest earned amount to CFI for Rs. 304969/- dated 18/01/2021) to the current financial year 2020-2021.

10. The utilization certificates for the financial year 2019-20 are enclosed herewith.
11. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/2074/2020-2021 dated 19th January, 2021.
12. This sanction order has been noted at Serial No.123..... in the Register of Grants.

Vaishali

(Dr. Vaishali Panjabi)

Scientist 'E'

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
वैज्ञानिक 'ई' / Scientist 'E'
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To

The Pay & Accounts Officer,
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Ministry of Science & Technology,
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15. Prof. N. Senthil Kumar, Professor, Department of Biotechnology, Mizoram University, Aizawl, Mizoram.
16. 3. Dr. P. C. Vanlalhluna, Assistant Professor, Department of Botany, Pachhunga University College, Mizoram.

Vaishali

17. 4. Dr. R. Lalfakzuala, Assistant Professor, Department of Botany, Mizoram University, Aizawl, Mizoram.
18. Dr. Lalramliana, Assistant Professor, Department of Zoology, Pachhunga University College, Mizoram
19. Dr. Zothansanga, Post-Doctoral Fellow, Department of Biotechnology, Mizoram University, Aizawl, Mizoram
20. Concern File.

Vaishali

(Dr. Vaishali Panjabi)

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI

वैज्ञानिक 'ई' / Scientist 'E'

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विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.

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