

7

FILE NO. EMR/2016/004053
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: 23-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled "Chemical characterisation and biological studies on the anthelmintic property of indigenous medical plants of the Mizo tribes" under the guidance of Dr. K Lalchhandama, Zoology, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 and by Dr. Khiantge Vanlaldinpuia, Assistant Professor, Chemistry, Pachhunga University College - 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. 5346000/- (Rs. Fifty Three Lakh Forty Six Thousand Only)** with break-up of **Rs. 3400000/- under Capital (Non-recurring) head** and **Rs. 1946000/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 5346000/-** has been approved are given below:
The following budget may be considered for **Pachhunga University College, College Veng, Aizawl**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> HPLC -> Hotplate -> Micropipette -> Microtome -> Microbiological incubator -> Fluorescence microscope -> Centrifuge -> Analytical balance -> Laminar flow	3400000
A'	Total (Non-Recurring)	3400000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1460000
2	Recurring - B : (Overhead Charges)	486000
B'	Total (Recurring)	1946000
C	Total cost of the project (A' + B')	5346000

2. Sanction of the **SERB** is also accorded to the payment of
 - **Rs. 3400000/-** (Rupees Thirty Four Lakh only) under 'Grants for creation of capital assets' and **Rs. 100000/-** (Rupees One Lakh only) under 'Grants-in-aid General' to Principal, Pachhunga University College, College Veng, Aizawl
being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Health Sciences)
4. The Sanction has been issued to Pachhunga University College, College Veng, Aizawl with the approval of the competent authority under delegated powers on **22 March, 2017** and vide Diary No. **SERB/F/9731/2016-17** dated **22 March, 2017**
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than **Rs. 1.5 lakh** each should be spent for travel and contingency.
8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

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

10. The release amount of **Rs. 3500000/-** (Rupees Thirty Five Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, Pachhunga University College
Account Number	10763500874
Bank Name & Branch	State Bank of India State Bank of India, College Veng Branch, Aizawl 796001, Mizoram
IFSC/RTGS Code	SBIN0018500
Email id of A/C Holder	tawnenga5@yahoo.com
Email id of PI	chhandama@gmail.com

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

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

13. The project File no. EMR/2016/004053 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

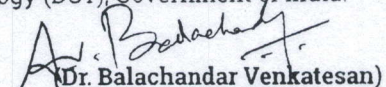
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.

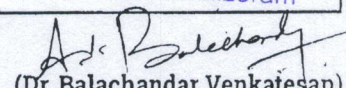

(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

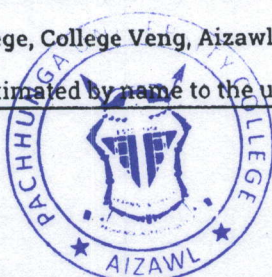
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. K Lalchhandama Zoology Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 Email: chhandama@gmail.com Mobile: 919436198718 Dr. Khiantge Vanlaldinpuia Chemistry Pachhunga University College (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal, Pachhunga University College, College Veng, Aizawl (Receipt of Grant may be intimated by name to the undersigned)


Principal
Pachhunga University College
Aizawl : Mizoram


(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@serbonline.in


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



10

(a statutory body of the Department of Science & Technology, government of India)

Dated: 08-Aug-2017

Subject: Research project entitled "Chemical characterisation and biological studies on the anthelmintic property of indigenous medical plants of the Mizo tribes" under the guidance of Dr. K Lachhandama, Zoology, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 and by Dr. Khiangte Vanlaldinpuia, Assistant Professor, Chemistry, Pachhunga University College.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 600000/- (Rupees Six Lakh only) under 'Grants-in-aid General' to Principal, Pachhunga University College, College Veng, Aizawl being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.

Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 3500000/- (Rupees Thirty Five Lakh only) recurring Rs. 100000 and Non-Recurring Rs. 3400000) to Pachhunga University College, College Veng, Aizawl from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned

4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in)
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. 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 Health Sciences)
7. The Sanction has been issued to Pachhunga University College, College Veng, Aizawl with the approval of the competent authority under delegated powers on 08 August, 2017 and vide Diary No. SERB/F/4502/2017-2018 dated 08 August, 2017

8. The release amount of Rs. 600000/- (Rupees Six Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, Pachhunga University College
Account Number	10763500874
Bank Name & Branch	State Bank of India State Bank of India, College Veng Branch, Aizawl 796001, Mizoram
IFSC/RTGS Code	SBIN0018500
Email id of A/C Holder	tawnenga5@yahoo.com
Email id of PI	chhandama@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
13. 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.

50

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SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

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

Dated: 16-May-2018

ORDER

Subject: Research project entitled "**Chemical characterisation and biological studies on the anthelmintic property of indigenous medical plants of the Mizo tribes**" under the guidance of Dr. K Lalchhandama, Zoology, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 and by Dr. Khiangte Vanlaldinpuia, Assistant Professor, Chemistry, Pachhunga University College.

1. This is in continuation of SERB's sanction order No. "EMR/2016/004053" dated "23 March, 2017 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 600000/- (Rupees Six Lakh only)** under 'Grants-in-aid General' to **Principal, Pachhunga University College, College Veng, Aizawl** being the 3rd grant for the financial year 2018-2019 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 1232821/- (Rupees twelve Lakh Thirty Two Thousand Eight Hundred and Twenty One only)** (Recurring Rs. 0 and Non-Recurring Rs. 1232821) to Pachhunga University College, College Veng, Aizawl from FY 2017-2018 to FY 2018-2019 for the same purpose for which it was sanctioned
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (UCs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Health Sciences) (ST)
7. The Sanction has been issued to Pachhunga University College, College Veng, Aizawl with the approval of the competent authority under delegated powers on **11 April, 2018** and vide Diary No. **SERB/F/703/2018-2019** dated **16 May, 2018**
8. The release amount of **Rs. 600000/- (Rupees Six Lakh only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, Pachhunga University College
Account Number	10763500874
Bank Name & Branch	State Bank of India State Bank of India, College Veng Branch, Aizawl 796001, Mizoram
SC/RTGS Code	SBIN0018500
Email id of A/C Holder	tawnenga5@yahoo.com
Email id of PI	chhandama@gmail.com
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
13. 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

97

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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: 25-Apr-2019

ORDER

Subject: Research project entitled "**Chemical characterisation and biological studies on the anthelmintic property of indigenous medical plants of the Mizo tribes**" under the guidance of Dr. K Lalchhandama, Zoology, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 and by Dr. Khiangte Vanlaldinpuia, Assistant Professor, Chemistry, Pachhunga University College.

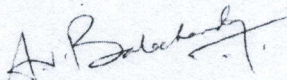
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2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 500000/-** (Rupees Five Lakh only) under 'Grants-in-aid General' to **Principal, Pachhunga University College, College Veng, Aizawl** being the 4th grant for the financial year 2019-2020 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 0/-** (Rupees only) (Recurring Rs. 0 and Non-Recurring Rs. 0) to Pachhunga University College, College Veng, Aizawl from FY 2018-2019 to FY 2019-2020 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Core Research Grant. (PAC Health Sciences) (ST)
7. The Sanction has been issued to Pachhunga University College, College Veng, Aizawl with the approval of the competent authority under delegated powers on **16 April, 2019** and vide Diary No. **SERB/F/78/2019-2020** dated **25 April, 2019**
8. The release amount of **Rs. 500000/-** (Rupees Five Lakh only) (Recurring Rs. 500000 and Non-Recurring Rs. 0) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, Pachhunga University College
Account Number	10763500874
Bank Name & Branch	State Bank of India State Bank of India, College Veng Branch, Aizawl 796001, Mizoram
IFSC/RTGS Code	SBIN0018500
Email id of A/C Holder	tawnenga5@yahoo.com
Email id of PI	chhandama@gmail.com

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& 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.

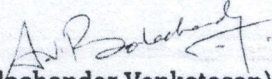
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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


(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@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.	<p>Dr. K Lalchhandama Zoology Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 Email: chhandama@gmail.com Mobile: 919436198718</p> <p>Dr. Khiantge Vanlaldinpuia Chemistry Pachhunga University College</p>
5.	Principal, Pachhunga University College, College Veng, Aizawl


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Scientist E
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