

2

FILE NO. EEQ/2018/000854  
**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-May-2019

**ORDER**

Subject: Financial Sanction of the research project titled "First-principles investigation of piezoelectric and half-metallic magnetism in wide band gap II-VI compounds for spintronic and other applications" under the guidance of Dr. LALHRIAT ZUALA, Physics, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 - 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. 4009000/- (Rs. Forty Lakh Nine Thousand Only) with break-up of Rs. 2000000/- under Capital (Non-recurring) head and Rs. 2009000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4009000/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> UPS Battery -> High Processors Computer (Workstation) -> Computational Software	2000000
A'	Total (Non-Recurring)	2000000
B	Recurring Items	
1	Recurring - I : (Manpower)	1164000
	Recurring - II : ( Consumables, Travel, Contingencies)	450000
	Recurring - III : Scientific Social Responsibility	35000
2	Recurring - IV : (Overhead Charges)	360000
B'	Total (Recurring)	2009000
C	Total cost of the project (A' + B')	4009000

2. Sanction of the SERB is also accorded to the payment of Rs. 2000000/- (Rupees Twenty Lakh only) under 'Grants for creation of capital assets' and Rs. 695000/- (Rupees Six Lakh Ninety Five Thousand only) under 'Grants-in-aid General' to Principal, Pachhunga University College, College Veng, Aizawl being the first installment of the grant for the year 2019-2020 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 Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (ST)

4. The Sanction has been issued to Pachhunga University College, College Veng, Aizawl with the approval of the competent authority under delegated powers on 07 May, 2019 and vide Diary No. SERB/F/827/2019-2020 dated 22 May, 2019

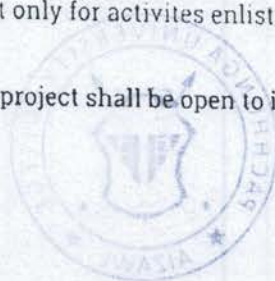
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

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-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under SSR is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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



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



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

2. The release amount of Rs. 2695000/- (Rupees Twenty Six Lakh Ninety Five 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:

Account Name	Principal Pachhunga University College, Aizawl
Account Number	30812792852
Bank Name & Branch	State Bank of India (SBI) State Bank of India (SBI), Mission Veng Branch, Aizawl, Mizoram
IFSC/RTGS Code	SBIN0007058
Email id of A/C Holder	principal@pucollege.edu.in
Email id of PI	hriata@pucollege.edu.in

12. 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.

13. 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.

14. The project File no. EEQ/2018/000854 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

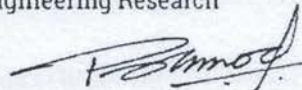
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

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

17. 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.

18. 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.

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

  
(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

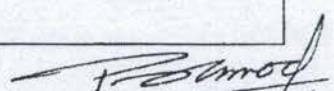
Under Secretary  
SERB, New Delhi

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. LALHRIAT ZUALA</b> Physics Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001 Email: hriata@pucollege.edu.in Mobile: 918730926422 (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.	Principal, Pachhunga University College, College Veng, Aizawl (Receipt of Grant may be intimated by name to the undersigned)

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



  
(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

  
Principal  
Pachhunga University College  
Aizawl : Mizoram



62

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**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
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5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110070

Dated: 25-Jun-2020

**ORDER**

Subject: Research project entitled "First-principles investigation of piezoelectric and half-metallic magnetism in wide band gap II-VI compounds for spintronic and other applications" under the guidance of Dr. LALHRIAT ZUALA, Physics, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001.

1. This is in continuation of SERB's sanction order No. "EEQ/2018/000854" dated "23 May, 2019" 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 2nd grant for the financial year 2020-2021 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. 86923/-** (Rupees Eighty Six Thousand Nine Hundred and Twenty Three only) (Recurring Rs. 86923 and Non-Recurring Rs. 0) to Pachhunga University College, College Veng, Aizawl from FY 2019-2020 to FY 2020-2021 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](http://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 Empowerment and Equity Opportunities for Excellence in Science.**  
(Task force Committee) (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 **23 June, 2020** and vide Diary No. **SERB/F/761/2020-2021** dated **24 June, 2020**
8. The release amount of **Rs. 600000/-** (Rupees Six Lakh only) (Recurring Rs. 600000 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:

PFMS Unique Code	NA
Account Name	Principal Pachhunga University College, Aizawl
Account Number	30812792852
Bank Name & Branch	State Bank of India (SBI) State Bank of India (SBI), Mission Veng Branch, Aizawl, Mizoram
IFSC/RTGS Code	SBIN0007058
Email id of A/C Holder	principal@pucollege.edu.in
Email id of PI	hriata@pucollege.edu.in
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.

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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.


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. Pramod Kumar Prasad)  
Scientist-D  
pk.prasad@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
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4.	<b>Dr. LALHRIAT ZUALA</b> Physics Pachhunga University College , College veng, aizawl, Aizawl, Mizoram-796001 Email: hriata@pucollege.edu.in Mobile: 918730926422
5.	Principal, Pachhunga University College, College Veng, Aizawl

  
(Dr. Pramod Kumar Prasad)  
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98

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

Dated: 28-Jul-2021

**ORDER**

Subject: Research project entitled "**First-principles investigation of piezoelectric and half-metallic magnetism in wide band gap II-VI compounds for spintronic and other applications**" under the guidance of Dr. LALHRIAT ZUALA, Physics, Pachhunga University College, College veng, aizawl, Aizawl, Mizoram-796001.

1. This is in continuation of SERB's sanction order No. "EEQ/2018/000854" dated "23 May, 2019 " of **Science and Engineering Research Board (SERB)**.
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 3rd grant for the financial year 2021-2022 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. 47223/-** (Rupees Forty Seven Thousand Two Hundred and Twenty Three only) (Recurring Rs. 47223 and Non-Recurring Rs. 0) to Pachhunga University College, College Veng, Aizawl from FY 2020-2021 to FY 2021-2022 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](http://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 **Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (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 **23 July, 2021** and vide Diary No. **SERB/F/1698/2021-2022** dated **27 July, 2021**
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:

PFMS Unique Code	PUCMZU
Account Name	PRINCIPAL PUC COMMUNITY COLLEGE SCHEME
Account Number	35384427402
Bank Name & Branch	State Bank of India (SBI) State Bank of India (SBI), College Veng Branch, Aizawl, Mizoram
IFSC/RTGS Code	SBIN0018500
Email id of A/C Holder	principal@pucollege.edu.in
Email id of PI	hriata@pucollege.edu.in

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97

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.

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5.	Principal, Pachhunga University College, College Veng, Aizawl

  
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