

Dated: 20 December, 2023

ORDER

Subject: Financial Sanction of the research project titled **Exploring novel topological phases in magnetic Heusler alloys for future spintronic technologies through first principles calculations** under the guidance of Dr. Pachineela Rambabu, Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Bilaspur (cg), Chhattisgarh-495009 - 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. 3614930/- (Rs. Thirty Six Lakh Fourteen Thousand Nine Hundred and Thirty Only)** with break-up of **Rs. 1594180/- under Capital (Non-recurring) head** and **Rs. 2020750/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3614930/-** has been approved are given below:

The following budget may be considered for **Guru Ghasidas Vishwavidyalaya, Main Campus, Koni**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Battery for UPS -> High computing work station -> UPS system -> Vienna Ab initio Simulation Package (VASP)	1594180
A'	Total (Non-Recurring)	1594180
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 400000 35000
2	Recurring - IV : (Overhead Charges)	328630
B'	Total (Recurring)	2020750
C	Total cost of the project (A' + B')	3614930

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

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) (SC)

4. 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.

5. 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.

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

7. 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.

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

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

10. 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.

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

12. 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.

13. The project File no. EEQ/2023/000179 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


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 SERB.

15. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.


(Dr. Thangaradjou T)
Scientist F
ms_eeq@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, IIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Pachineela Rambabu Pure and Applied Physics Guru Ghasidas Vishwavidyalaya , Koni, bilaspur, Bilaspur (cg), Chhattisgarh-495009 Email: rams.hcu@gmail.com Mobile: 919074508220 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Guru Ghasidas Vishwavidyalaya, Main Campus, Koni (Receipt of Grant may be intimated by name to the undersigned)


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Subject: Research project entitled **Exploring novel topological phases in magnetic Heusler alloys for future spintronic technologies through first principles calculations** under the guidance of Dr. Pachineela Rambabu, Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Bilaspur (cg), Chhattisgarh-495009.

1. In continuation of SERB's sanction order No. EEQ/2023/000179 dated 20 December, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.2020750/-** under 'Grants-in-aid General' to Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Bilaspur (cg), Chhattisgarh-495009 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 20 December, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is 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) (SC).**
5. The Sanction has been issued with the approval of the competent authority on 19 December, 2023 and vide Diary No. SERB/F/9142/2023-2024 dated 20 December, 2023..
6. The release amount of **Rs. 685820/-** (Rupees Six Lakh Eighty Five Thousand Eight Hundred and Twenty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:


PFMS Unique Code	GGVBSP09
Account Name	DSTSERB
Account Number	947410110002633
Bank Name & Branch	Bank of India D-01, Residential Campus, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Chhattisgarh-495009
IFSC/RTGS Code	BKID0009474
Email id of A/C Holder	ggv.registrar@gmail.com
Email id of PI	rams.hcu@gmail.com


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1. In continuation of SERB's sanction order No. EEQ/2023/000179 dated 20 December, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1594180/-** under 'Grants-in-aid Capital' to Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Bilaspur (cg), Chhattisgarh-495009 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 20 December, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)**.
5. The Sanction has been issued with the approval of the competent authority on **19 December, 2023** and vide Diary No. **SERB/F/9141/2023-2024** dated **20 December, 2023**.
6. The release amount of **Rs. 1594180/-** (Rupees Fifteen Lakh Ninety Four Thousand One Hundred and Eighty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	GGVBSP09
Account Name	DSTSERB
Account Number	947410110002633
Bank Name & Branch	Bank of India D-01, Residential Campus, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Chhattisgarh-495009
IFSC/RTGS Code	BKID0009474
Email id of A/C Holder	ggv.registrar@gmail.com
Email id of PI	rams.hcu@gmail.com


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