



**Himachal Pradesh Council for Science, Technology & Environment  
(HIMCOSTE)**

**Vigyan Bhawan, Bemloe, Shimla-171001**

(Phone 0177-2656489, Fax 0177-2814923) Website: <http://himcoste.hp.gov.in>

No. STC/F(8)-2(R&D 20-21)- 129

Dated:

To

16-04-2021

✓ **Dr. Mamta Shandilya**  
Assistant Professor  
Department of Physics  
Shoolini University, Solan

**Subject: Sanction Order for 'HP Specific Research & Development Projects 2020-21'**


Sir/Madam,

HIMCOSTE is pleased to inform you that your Project Proposal "Photovoltaic behaviour of rare-earth doped bismuth ferrite nano fibers for potential application in perovskite solar cells" amounting to Rs.4,90,000/- (Rupees Four Lakhs Ninety Thousand only) has been approved for financial support (2 years).

Please find enclosed herewith the **Sanction Order** for the project proposal submitted by you to HIMCOSTE Shimla. Kindly send your consent and acknowledge the receipt through hard copy & also email at [kaulmanoj7@yahoo.com](mailto:kaulmanoj7@yahoo.com) immediately.

Thanking you

Yours sincerely,


  
(Nishant Thakur, HPAS)  
**Joint Member Secretary**  
HIMCOSTE, Shimla (H.P)

No. STC/F(8)-2(R&D 20-21)-

Dated:

**Copy for information to:**

Vice Chancellor, Shoolini University, Solan-Oachghat-Kumarhatti Highway, Bajhol, HP-173229.

  
(Nishant Thakur, HPAS)  
**Joint Member Secretary**  
HIMCOSTE, Shimla (H.P)



**Himachal Pradesh Council for Science, Technology & Environment  
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No. STC/F(8)-2(R&D 20-21)-

Dated:

**SANCTION ORDER**

**Subject:** Financial Sanction of the research project titled "**Photovoltaic behaviour of rare-earth doped bismuth ferrite nano fibers for potential application in perovskite solar cells**"-Reg.

**Principal Investigator (PI):**

**Dr. Mamta Shandilya**  
Assistant Professor  
Department of Physics  
Shoolini University, Solan (H.P)

**Co-PI:**

1. Dr. Pawan Kumar

Sanction of the H.P. Council for Science, Technology & Environment (HIMCOSTE) is hereby accorded to the above mentioned project at a total cost of Rs. 4,90,000/- (Rupees Four Lakhs Ninety Thousand only) for a duration of two years from the date of sanction. The items of expenditure for which the total allocation of Rs. 4,90,000/- has been approved for a period of two years, are given below:

S.No.	Head	First Year (in Rs.)	Total (in Rs.)-2 Yrs.
1.	Remuneration (Rs.) Project Associate – 1 No. @Rs.15,000/- PM	165000	330000
2.	Consumables	40000	80000
3.	Travel	15,000	30,000
4.	Other Costs	25000	50000
<b>Total Cost</b>		<b>2,45,000/-</b>	<b>4,90,000/-</b>

**NOTE:**

- If the Institute/ Organisation or/and Principal Investigator(PI) agrees to execute the project as per the budget mentioned above and according to terms and conditions stated below, kindly send **ONE (1)** copy of the final project proposal duly filled up; signed & stamped and approved by the Head of the Institution/ organisation WITH CONSENT to the HIMCOSTE within **7 days** from today positively.
- You are also requested to send Bank Account Details, IFSC/RTGS Code & emails of Head of the institution or the DDO/Accounts Officer through details as provided below wherever the grant is to be transferred:-

Particulars	Head of the Institution	DDO/Account Officer
Account Name		
Account Number		
Bank Name & Branch		
IFSC/RTGS Code		

The grant will be regulated in accordance with the provisions contained in the guidelines, terms & conditions for 'HP Specific Research & Development Projects 2020-21' and other related instructions of the HIMCOSTE. The Grant is also subject to the HP General Financial Rules, as amended from time to time and in particular to the following conditions after sanctioning of the project as under:


### Terms & Conditions of the Grant

1. The expenditure involved is debit to  
**Fund for 'HP Specific Research & Development Projects 2020-21'**  
**This release is being made under the specific category:**
  - (a) General Plan Scheme
2. The Sanction has been issued with the approval of the competent authority under delegated powers and vide diary no.        dated        for a total cost of **Rs.4,90,000/-**.
3. Sanction of the grant is subject to the conditions as contained in the Guidelines & Terms & Conditions as available at website ([www.himcoste.hp.gov.in](http://www.himcoste.hp.gov.in)) and also stated in this Sanction Order.
4. The amount of **Rs.4,90,000/-** will be drawn by the Assistant Controller/AC(F&A) of the **HIMCOSTE** and will be disbursed by means of RTGS transaction as per the Bank details to be provided by the Principal Investigator in two equal instalments subject to certain conditions.
5. While providing operational flexibility among various subheads, it should be ensured that not more than the approved specified amount sub head/ itemwise should be spent at any time.
6. The entire project cost will be funded by **HIMCOSTE**, Shimla and the funds for execution of the project will be released in **TWO equal instalments. 50%** advance payment after allotment of project and providing of revised proposals, bank account details etc. and the remaining **50%** after submission of Utilization Certificate for the first instalment and project deliverables and based on progress of the work to be reviewed by the Project Approval & Evaluation Committee(PAEC) or other committee of HIMCOSTE.

Wf

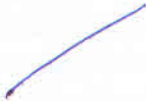
7. The money would not be diverted for any other purpose under any circumstance; even for temporary periods.
8. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and **HIMCOSTE** Shimla will have no liability to meet the budget etc. beyond the duration of the project.
9. Payment towards wages/remuneration as well as other contractual obligations shall be made through bank accounts of recipients and strictly as per Govt. norms; notifications etc.
10. The accounts of the project shall be open to inspection by sanctioning authority/ audit whenever the institute/organisation is called upon to do so.
11. The institute/organisation will furnish to the **HIMCOSTE**, Shimla Utilization Certificate pertaining to the grant immediately after the end of one year/ after mid/half of the project duration but not later than 30<sup>th</sup> April,2022 and for 2<sup>nd</sup> instalment before 30<sup>th</sup> April 2023.
12. The institute/organisation will maintain separate audited accounts for the project. It is expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the **HIMCOSTE**, Shimla and would be returned back to HIMCOSTE Shimla after completion of project.
13. As this is the first grant being released for the project, no previous UC is required.
14. The Institute/organisation is advised to adopt research ethics and corruption mitigation strategies while utilizing the funds.
15. The expenditure should not exceed beyond the approved allocation of funds under any circumstances.
16. The financial support provided by **HIMCOSTE**, Shimla should be duly acknowledged at all the forums, publications and proceedings whenever the research project is published or presented. The PI will place and highlight the role of **HIMCOSTE** in each major activity/ programme (Logo, Pamphlets, Equipments in laboratories, Display in Field work etc.) under this project besides mentioning the grants received by **HIMCOSTE**, Shimla.
17. Assets acquired wholly or substantially through grants shall not be disposed off without obtaining prior approval of State Council.
18. Periodic review and inspection of the project will be done by **HIMCOSTE** team and PI should intimate the Council beforehand about their important milestones activities proposed especially the field activities viz. trainings, site visit etc. in advance. In addition, the **HIMCOSTE** may designate Scientist/Specialist or an expert panel to visit the institute/organisation periodically to review the progress of the work being carried out and to suggest suitable measures to ensure realisation of the objectives of the project. During the implementation of the project, the institute will provide all facilities to the visiting Scientist/specialist from Shimla.
19. Patents, trademarks, copyrights etc. of any nature should acknowledge financial approval of **HIMCOSTE**. Technology; equipment; protocols; or innovations tool developed; if any would be in joint ownership of **HIMCOSTE** Shimla and the PI or/and the institute/organisation.

20. Commercialisation of technology OR transfer of technology or process of production would be done in association with/under intimation to and after obtaining prior approval of HIMCOSTE Shimla.
21. The HIMCOSTE reserves the right to terminate the project at any stage if it is convinced that the grant has not been properly utilised or appropriate progress is not being made.
22. If the PI to whom a grant for a project has been sanctioned wishes to leave the Institution where the project is based, the Institute/ PI will inform the same to the HIMCOSTE and the CO-PI will ensure successful completion of the project, before relieving the PI.
23. For permanent, semi-permanent assets acquired solely or mainly out of the project grants, an audited record in the form of a register in the prescribed format shall be maintained by the Institute. The term "Assets" include (a) the immovable property acquired out of the grant; and (b) movable property of capital nature where the value exceeds Rs 10,000/-. The Institute is required to send to the HIMCOSTE a list of assets acquired from the grant. The grant shall not be utilised for construction of any building unless specific provision is made for that purpose. Full infrastructural facilities by way of accommodation, water, electricity, communication etc. for smooth implementation of the project shall be given by the Institute.
24. Any un-spent balance out of the amount sanctioned must be surrendered to the HIMCOSTE through a crossed Cheque/ Demand Draft drawn in favour of Joint Member Secretary HIMCOSTE Shimla .
25. The project would become operational from the date of receiving funds by the Institution.
26. **No institutional Charges** would be permitted from any budget head of sanctioned project.
27. Unspent balance after mid term would not be carried forward for next year and the interest earned **MANDATORY** and would be deposited in HIMCOSTE after completion of the project.

  
Nishant Thakur, HPAS  
Joint Member Secretary  
HIMCOSTE, Shimla

**Copy forwarded for information and necessary action to:**

1. Head of the organisation/institute.
2. ACF(F&A) HIMCOSTE, Shimla.
3. R&D Section.

  
Nishant Thakur, HPAS  
Joint Member Secretary  
HIMCOSTE, Shimla

**RESEARCH PROJECTS INCOME**

Group Summary

1-Apr-22 to 31-Mar-23

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	Closing Balance	
	Debit	Credit
Grant " Elucidation .. " SERB Dr. Rohit Sharma		23,00,000.00
Grant "iHUBDivyasampark "		10,07,000.00
Grant "Studies --Graphene Dr. Gururaj KudurHIMCOSTE		1,15,002.00
Grant DST CRG Prospecting of wild.. Dr. Dinesh Kumar		7,35,975.00
Grant DST Inspire Faculty Fellow Dr. Rohit Sharma		21,52,232.00
Grant Henkel AG & Co. (Purify Salon Waste Water)		9,58,514.08
<b>Grant Photovoltaic--Solar Cells Dr.Mamta Shandilya</b>		<b>2,45,000.00</b>
Grant Potencyof rGO-- cell application Dr. Mamta		14,50,000.00
Grant Vardhman Textiles Ltd.		2,70,00,000.00
R&D Projects 2021-22 HIMCOSTE Dr. Praveen Kumar		2,48,000.00
Grant In Aid NMHS Dr. Shankharoop Ghosal GBPNIHESD		7,01,430.00
<b>Grand Total</b>		<b>3,69,13,153.08</b>