



Indore Centre
इन्दौर केंद्र

UGC-DAE Consortium for Scientific Research
विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)
(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वतंत्र संस्थान)

(Formerly : Inter University Consortium for DAE Facilities; IUC-DAEF)

Ref: CSR-IC-MSRSR-22/CRS-230/2017-18/ 1311

31 March, 2018

Dr. Pradip Das/ **Dr. T. G. Reddy**
Guru Ghasidas University Koni,
Bilaspur 495 009, Chhattisgarh,
pradipd.iitb@gmail.com P Das 9407734453

Sub:- Your proposal entitled "Topological Insulator Based Energy Efficient and thermoelectrical power generation Materials".

Dear Dr. Pradip Das,

We would like to thank you for visiting Pune for presenting your CRS proposal during May 25-26, 2017. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved:

The financial allocation for this year will be:

Contingency

Rs. 15,000/-

Consumables

Rs. 30,000/-

No overheads are available under this scheme.

1. This project is sanctioned presently for one year but it may be extended on year basis subject to a total period of three years.
2. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
3. The CSR will be able to reimburse the travel expenses to investigators as per rules, limited to 2nd AC train fare visiting CSR, Indore Centre on project work.
4. At the end of the financial year (i.e., March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
5. You may please send the following information along with your acceptance for sending the grants:
 - a) Name of the Bank
 - b) Name of Beneficiary
 - c) RTGS Code of the Bank
 - d) A/c No. of Beneficiary
 - e) Branch of the Bank

Please let me have your acceptance of the CRS under the above conditions by 21st April, 2018 so that money can be transferred to the Registrar of your university. The funds will be transferred after receiving the grants from University Grants Commission, New Delhi.

Yours sincerely,


V. N. Ganesan

Copy to the following for information and necessary action:-

1. The Administrative Officer-1 (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar, Guru Gasi Das University, Bilaspur.

विश्वविद्यालय परिसर, खाण्डवा रोड, इन्दौर - 452 001 (म. प्र.)
University Campus, Khandwa Road, INDORE - 452 001 (M.P.) INDIA
Phone : +91-731-2463913, 2762267. Fax : +91-731-2462294, 2465437
Website : www.csr.res.in



अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(Formerly Nuclear Science Centre)
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Dr. Sundeep Chopra
Convenor - AUC

Ref: IUAC/XIII.3A/

July 31, 2018

Dr. Pradip Das
Assistant Professor,
Department of Pure and Applied Physics,
Guru Ghasidas University, Koni, Bilaspur,
Pin Code: 495009

Subject: Your Application for Beam Time Allotment

Dear Dr. Das,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on July 05-07, 2018. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

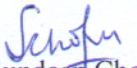
BTR No. & Activity	PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
64315 MS	Dr. Pradip Das Assistant Professor, Department of Pure and Applied Physics, Guru Ghasidas University, Koni, Bilaspur, Pin Code: 495009	Weak anti-localization and quantum oscillations in topological insulator using ion irradiation.	2 Shifts (High Energy) 3 Shifts (Low Energy)	UFR funds sanctioned with standard funding

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,


(Sundeep Chopra)

E-mail: choprasundeep@gmail.com

SR/FTP/PS-197/2012

Science and Engineering Research Board
(A Statutory Body under Department of Science and Technology)

Technology Bhavan
New Mehrauli Road
New Delhi - 110 016

Dated-14.02.2014

ORDER

Subject:- Financial assistance for the research project entitled "Synthesis of topological insulators and investigation of their topological properties by transport, magnetization, Hall-Measurements" by Dr Pradip Das, Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009, Chhattisgarh.

Sanction of the Science and Engineering Research Board (SERB) is hereby accorded to the above-mentioned project at a total cost of Rs. 22,56,000/- (Rupees twenty-two lakh fifty six thousand only) with break-up of Rs. 10,00,000/- under Non-Recurring and Rs. 12,56,000/- under Recurring for a duration of three years. The items for which the total allocation of Rs. 22,56,000/- has been approved for a period of three years, are given below:

Sl. No	Head	Total (in Rs.)
A	Non-Recurring	
1.	Minor Equipment <i>source measure unit, furnace</i>	10,00,000/-
A'	Total Non-Recurring	10,00,000/-
B	Recurring	
B.1	Recurring A JRF(1), Consumables, Travel, Contingencies	8,80,000/-
B.2	Recurring B (Overhead Charges)	3,76,000/-
B'	Total Recurring (B.1 + B.2)	12,56,000/-
C	Total cost of the project (A' + B')	22,56,000/-

2 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.

3 The sanction of the Board is also accorded to the payment of Rs. 10,00,000/- (Rupees ten lakh only) under 'Non-Recurring' and Rs. 4,15,000/- (Rupees four lakh fifteen thousand only) under 'Recurring' to the Registrar, Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009, Chhattisgarh being the first installment of the grant for the year 2013-14 for implementation of the said research project.

4 Sanction of the grant is subject to the conditions as detailed in Annexure - 1.

5 The expenditure involved is debitable to

Fund for Science and Engineering Research (FSER)

6 The sanction has been issued with the approval of the competent authority in SERB vide Dy. No. SERB/F/7043/2013-14 dated 12.02.2014.

7 The amount of Rs. 14,15,000/- (Rupees fourteen lakh fifteen thousand only) meant for both 'Non-Recurring' and 'Recurring' will be drawn by the Finance & Budget Officer of the SERB and it will be disbursed by means of cheque/DD favouring to The Registrar, Guru Ghasidas Vishwavidyalaya, Bilaspur - 495 009, Chhattisgarh.

8 The Institute will furnish to the Board, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9 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.

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

11 All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of SERB.

12 The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13 As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority / audit whenever the Institute is called upon to do so.

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

(Praveen Kumar S)
Scientist 'D'

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, III Floor, A.G.C.R Building, I.P Estate, New Delhi - 110 002.
2. The Finance & Budget Officer, SERB (2 copies).

✓ 3. **Dr Pradip Das**
Department of Pure and Applied Physics
Guru Ghasidas Vishwavidyalaya
Bilaspur - 495 009, Chhattisgarh

4. **The Registrar**
Guru Ghasidas Vishwavidyalaya
Bilaspur - 495 009, Chhattisgarh

5. Sanction folder SERB
6. OSD, SERB
7. SERB Secretariat

(Praveen Kumar S)
Scientist 'D'