



ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

Date: 16 January 2024

Applications are invited from eligible Indian nationals for the post of Junior Research Fellow (JRF) in a time bound **Department of Science and Technology - Science and Engineering Research Board (DST-SERB), Govt. of India** sponsored project (Project Code: SERB/CRG/2022/006820) undertaken in the Department of Physics of the University. Position will be purely temporary and co-terminus with the project. The details are as follows.

Name of the post	Junior Research Fellow (JRF)
Number of Position	One (1)
Project Title	Bloch Surface Mode Excitation and Non reciprocity in Infrared and Tera/Giga-hertz Frequency Range Using Magnetophotonics Crystals
Principal Investigator	Dr. Yogesh Sharma
Funding Agency	Science and Engineering Research Board, Department of Science and Technology, Government of India Core Research Grant
Project Code	SERB/CRG/2022/006820
Minimum Educational Qualification & Experience	1. M.Sc. in Physics/Applied Physics or Equivalent from any recognized university with 55% Marks. 2. CSIR-NET / SET or valid GATE Score. (Relaxation for SC/ST & PH candidates is as per GOI Norms)
Desirable	1. Knowledge in the field of Theoretical Optics and Photonics. 2. Basic knowledge of programming in CST-Microwave Studio, COMSOL Multiphysics & MATLAB.
Tenure of the appointment	Initially for a period of one year extendable for further period (Up to approximately 3 years) subject to satisfactory performance of the incumbent and continuation of the project.
Age Limit	Not more than 28 Years (Relaxable for 5 years for SC/ST/Physically Handicapped/Female candidate as per GOI norms)
Monthly compensation/Fellowship	Rs. 31000/- (+16% HRA) per month for first two years and 35,000/- (+16% HRA) for the third year.

Other Benefits:

1. The selected candidate will be encouraged to enroll for the Ph.D. program of SGT University, Gurugram- Haryana as per available guidelines of the university.
2. The project has separate funding for attending conferences, Workshops etc. within India.

How to apply:

Interested candidate are requested to submit a detailed CV to Dr. Yogesh Sharma, Department of Physics, SGT University Gurugram-Haryana, via mail: yogesh_fosc@sgtuniversity.org with the subject line “JRF application for SERB Project” latest by **16 February 2024**.

The interview will be held in hybrid mode (online as well as offline). Candidates are expected to have a good and stable internet connection in case of online interview. Only shortlisted candidates will be called for interview. Shortlisted candidates will be intimated by e-mail about the date, time, and place of interview. No TA/DA shall be paid for attending the interview.

Shortlisted candidates also have to arrange one letter of recommendation from a faculty/ researcher to be sent via email to the same email-id along with the photocopies of their mark sheets and a passport size photo at the time of interview.

Important Notes:

1. CV should include details of academic grades starting from X standard onwards with details of the year of passing, university or institute, work experience and nature of work. Complete details of NET/GATE such as year of passing/validity, discipline, marks, all India rank should be mentioned in the CV and include details of M.Sc. dissertation /Project. Incomplete application will be rejected.
2. Appointment of the applicant is purely temporary and will be governed by the terms and conditions of the funding agency particularly applicable to the said project.

For further information, contact:

Dr. Yogesh Sharma (Ph.D. BHU & PDF IPR DAE, Gandhinagar Gujarat)

(Principal Investigator)

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Link: <https://phisc.sgtuniversity.ac.in/dr-yogesh-sharma-department-of-physics/>

Letters of Reference should be sent to: yogesh_fosc@sgtuniversity.org