



Indian Institute of Science Education & Research Bhopal

Bhopal By-Pass Road, Bhauri, Bhopal-462066, M.P., India

Advertisement for the position of Junior Research Fellow (JRF) within the SERB Core Research Grant (CRG) Funded research project

Applications are invited from motivated individuals for a research position in the Department of **Electrical Engineering and Computer Science** under the supervision of **Dr. Kuntal Roy** within **SERB Core Research Grant (CRG)** funded project, as detailed below.

1. **Project title:** Energy-efficient Antiferromagnetic Spintronics

2. **Position:** One Junior Research Fellow (JRF)

Fellowship: Rs. 37,000/- per month + 16 % HRA for NET/GATE qualified candidates. However, the candidates who have not qualified for NET/GATE examinations, they will be paid fellowship of Rs. 31,000/- per month + 16 % HRA.

3. **Basic Eligibility:**

Junior Research Fellow: PG Degree in Science or Engineering in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Test - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

4. **Essential Requirements:**

Junior Research Fellow: M.Tech./M.E./M.S./M.Sc. in **Physics/Electrical/Electronics Engineering or related fields** from a recognized Institute/University with a minimum of 60% aggregate or CGPA/CPI of 7.0 and above on a 10-point scale (overall percentage/CGPA/CPI; not only in majoring subject).

Desirable: Experience in handling experimental equipment for fabrication of electronic devices. Candidate should have a strong motivation for learning future nanoelectronics.

6. **Duration:** The appointment will be initially for one year from the date of his/her joining the institute, which may be extended later depending on the availability of funds and/or terminated earlier based on the performance of the candidates. It might be a good opportunity for a candidate to also apply for a Ph.D. position as eligible, if interested in pursuing research.

7. **How to apply:** Interested candidates are requested to send their CV (including name, date of birth, address for communication, phone number, email id and details of educational and scientific accomplishments) and photocopies of transcripts/final mark sheets of all qualifications starting from the 10th class in a single PDF file to **Dr. Kuntal Roy** over email (kuntal@iiserb.ac.in).

8. **Last date of application:** 27th December 2023. The selected candidates will be expected to join at the earliest.