

## Advertisement For Junior Research Fellow

Applications are invited for a **Junior Research Fellow** (JRF) position to work on a DST-SERB sponsored research project titled “2D Materials based CMOS Compatible Crossbar Array for Neuromorphic Computing Applications”.

### Project Details

Name of the Project: 2D materials-based CMOS Compatible Crossbar Array for Neuromorphic Computing Applications

Number of Positions: One

Funding Agency: Science and Engineering Research Board (SERB), DST, Govt. of India

### Eligibility

- Minimum Educational Qualification: 1<sup>st</sup> class in M.Sc. in physics from any recognized university with a minimum of 60% marks (or equivalent grade point)
- Desirable: Candidates having experience in 2D material synthesis, electrical characterization and Raman spectroscopy will be preferred.

### Fellowship

- Rs 37,000 per month + 18% HRA for GATE/NET qualified candidates
- Rs 31,000 per month + 18% HRA for candidates without any GATE/NET/equivalent qualification.

### Application Procedure

Interested candidates should email their application (a single merged PDF file) latest by 05/08/2024 to Prof. Satyaprakash Sahoo (email: [sahoo@iopb.res.in](mailto:sahoo@iopb.res.in)) with subject line “Application for SERB-JRF position” with the following documents.

A complete curriculum vitae providing information about her/his academic records, courses taken in M.Sc., and details about research experience.

Self attested scan copy of the mark sheets/testimonials/certificates from 10<sup>th</sup> standard onwards, date of birth proof. If the candidate has qualified CSIR-UGC NET/GATE/equivalent, the self attested copy of the award of the CSIR-UGC-NET/GATE/equivalent should be provided along with the application.

The above position will be filled up on temporary basis for an initial period of 1-year which can be renewed to another 2-years subject to satisfactory performance. Please note that the post will stand automatically terminated at the end of the completion of the project (maximum 3 years) or if funding is discontinued, whichever is earlier.