



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Call for Junior Research Fellow (JRF) for ANRF-PMECRG project

Date: 17th August 2026

Applications are invited from suitable candidates for a Junior Research Fellow (JRF) position to work on ANRF-PMECRG funded project ([ANRF/ECRG/2025/003443/PMS](#)), under the supervision of **Dr. Debanjan Polley**, Assistant Professor, Department of Physics, BITS-Pilani, Hyderabad Campus, India.

Title of the project: Beyond Heavy Metals: Leveraging Orbitronics in Light Metals for Energy-Efficient in-plane Magnetization Switching in Magnetic Memory Devices

Duration of the project: 36 months

Project position and number: Junior Research Fellow (ONE)

Workplace: BITS-Pilani, Hyderabad Campus

Broad area of research: Condensed Matter Physics, Quantum Devices

Fellowship amount: Rs. 37,000 per month plus 30% HRA for the first two years (JRF); Rs. 42,000 per month plus 30% HRA for the third year (SRF). As per DST norms, the amount may vary for non-NET/GATE candidates.

Eligibility requirements (mandatory): First Class Postgraduate with M.Sc. in Physics

Desirable (not mandatory):

- Strong background in Solid-State Physics, Optics and Magnetism.
- Prior experience in thin-film/nanostructure preparation, experience with SEM, XRD, VSM.
- Qualification in national-level exams such as NET/GATE or equivalent.

How to apply: Interested candidates with the above-mentioned qualification can send their applications by email, giving detailed information about their educational qualifications, research experience and published research papers, if any, by **25th August, 2026**, to the Principal Investigator at debanjan.polley@hyderabad.bits-pilani.ac.in with the subject line “ANRF-PMECRG JRF Application”

Selection process: Please note that only qualified and suitable candidates will be notified for an interview via email. The interview would be conducted through Zoom/Google Meet. The selected candidate may be permitted to register for the PhD program at the BITS-Pilani, Hyderabad campus, subject to fulfilling the institutional eligibility criteria and requirements.

Best wishes,

Dr. Debanjan Polley

Assistant Professor, Department of Physics, BITS Pilani Hyderabad Campus

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