



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Call for Junior Research Fellow (JRF) for ANRF/ECRG project

Date: 19th June 2025

Applications are invited from suitable candidates for a Junior Research Fellow (JRF) position to work on ANRF-PMECRG funded project ([ANRF/ECRG/2024/002262/PMS](#)), under the supervision of **Dr. Manabendra Kuiri**, Assistant Professor, Department of Physics, BITS-Pilani, Hyderabad Campus, India.

Title of the project: Exploring dielectric engineering in twisted transition metal dichalcogenide heterostructures: A new approach to tunable optoelectronic applications

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 semiconductor devices and solid-state physics.
- Prior experience in two-dimensional (2D) materials and their physical characterization.
- 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 **27th June 2025** to the Principal Investigator at manabendra.kuiri@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 Interview via email. Interview would be 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. Manabendra Kuiri,

Assistant Professor, Department of Physics, BITS Pilani Hyderabad Campus

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