

Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

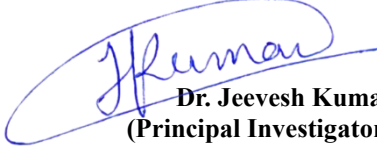


Sanction No and Date: ANRF/ARG/2025/010445/ENS dated 03.06.2026	IIT (ISM) Project No. SRDP 1337 G	Date: 17.07.2026
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JRF position under ANRF Project

Applications are invited under the sponsored project. The details of the project are as under:

Name of the Position	Junior Research Fellow
Number of Position (s)	1
Title of The Project	Developing Fabrication Process Flow to Create Fluorinated Pattern for Bandgap Opening in Graphene
Principal Investigator	PI: Prof. Jeevesh Kumar, CoPI: Prof. Jitendra Kumar Department of Electronics Engineering, IIT(ISM) Dhanbad, 826004, India E-mail: jeevesh@iitism.ac.in Phone no: +91-8884742131 (Mobile)
Tenure of Project	3 years or till completion of project, whichever is earlier
Job Description (in maximum of 100 words)	Development and optimization of fabrication process flow for creating fluorinated patterns in graphene to induce bandgap opening for the next generation nanoelectronics devices. Responsibilities also include maintaining experimental records, preparing technical reports and research publications, and collaborating with Industry partners to achieve the scientific objectives of the project.
Essential Qualification	1) Candidate must be GATE/UGC-NET qualified. 2) Candidates must have M.Tech/B.Tech in Electronics/Electrical Engineering or M.Sc in Physical/Chemical/Material Science
Desirable Qualification	- Expertise in semiconductor device physics, and nanomaterials, particularly graphene and other two-dimensional (2D) materials. - Good communication skills, both in scientific writing as well as presentation.
Age Relaxation	Not more than 35 years at the time of appointment, with relaxation to SC/ ST/ OBC candidates as per Government of India norms.
Fellowship	Rs. 37,000/- per month for two years and Rs. 42,000/- per month for third year.
Last Date & Time	Date: 5th August, 2026 until 11:59 pm Online Application link: https://forms.gle/TkUoG4WG8z27so3w8
Application Procedure	Interested candidates are requested fill the online application (as per the link provided) and must attach all supporting documents (e.g. self-attested copies of educational qualifications, experience certificate, age proof, valid cast certificate (if applicable), copies of publications, awards, recommendation letter, CV with Photo, GATE/NET/National level examination qualification certificate, etc.).
Shortlisted candidates will be informed through email about the interview. The interview would be on online/offline mode. The date and time of interview would be sent to the shortlisted candidates by email. Mere possession of the minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merits and as per the requirements of the project.	


Dr. Jeevesh Kumar
(Principal Investigator)