



Indian Institute of Technology (ISM) Dhanbad
Office of the Dean (Research & Development)

Sanction No and Date: ANRF/ECRG/2025/001947/ENS 18.06.2026	IIT (ISM) Project No. SRDP 1335 G	Date 25.06.2026
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Project Staff (JRF) position under ANRF Project

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

Position	ANRF Junior Research Fellow (ANRF-JRF)
Number of Position (s)	01
Title of The Project	AI-Driven Multimodal Material Understanding Systems for Accurate and Scalable Waste Segregation in Indian Context
Principal Investigator	Prof. Manisha Verma
Tenure of Project	3 years (from 19.06.2026, co-terminus with the project)
Job Description (in maximum of 100 words)	The project aims to develop AI-driven multimodal material understanding systems for accurate and scalable waste segregation tailored to the Indian context. It focuses on integrating different sensor-based information to identify and classify diverse waste materials under real-world conditions. The project will investigate advanced deep learning models for semantic segmentation, and modality-agnostic fusion frameworks to improve robustness across varying environments and waste streams. Based on performance and meeting the eligibility criteria, the candidate may subsequently be allowed to enroll for a PhD at IIT (ISM) Dhanbad.
Essential Qualification	B.E./B.Tech/M.Tech/MCA/M.Sc in Computer Science, Mathematics, Mathematics & Computing, Electrical Engineering, Electronics Engineering, Artificial Intelligence, Data Science, or related fields. The candidate must have qualified GATE or NET.
Desirable Qualification	Experience with deep learning frameworks such as PyTorch or TensorFlow in the domain of computer vision. Prior experience with multi-model learning, material classification, or multi-sensor data analysis is highly desirable.
Age and Relaxation (if any)	As per the norms of the Govt. of India/DST-ANRF for JRF recruitment.
Fellowship	37,000 (in 1st & 2nd Year) and ₹ 42,000 (in 3rd Year) per month + HRA (as applicable, in case hostel accommodation is not available)
Last Date & Time	Interested candidates should email a single PDF [containing (i) CV, (ii) GATE/NET score card, (iii) self-attested copies of all marksheets and certificates starting from 10th class, (iv) proof of work experience (if any)] to PI (both to manisha@iitism.ac.in & manisha.verma89@gmail.com), on or before 10th July 2026, 6:00 PM . Candidates should write “ Application for JRF position in ANRF Project ” in the subject of email.
Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.	

(Signature of PI)