



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

Sanction No and Date: DAR/27/2025-26 22.7.2025	IIT (ISM) Project No. SRDP 1212 G	Date 24.7.2025
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**Project Staff (JRF/SRF/RA/Project Assistant/Project Associate) position
under (Name of Funding Agency) Project**

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

Position	Junior Research Fellow (JRF)
Number of Position (s)	01
Title of The Project	Applications of various machine learning (ML) techniques for predicting, detecting, and analyzing rare earth elements (REEs) in different geological and environmental contexts.
Principal Investigator	Professor Subhashis Chatterjee, Dept. of M&C, IIT(ISM) Dhanbad subhashis@iitism.ac.in
Tenure of Project	2 Years, (from 18 th July, 2025 co-terminus with the project)
Job Description (in maximum of 100 words)	To develop machine learning models for predicting and analysing rare earth element (REE) concentrations in phosphate deposits across the Tethyan belt. Based on the performance and meeting the eligibility criteria the candidate may be subsequently allowed to enroll for Ph.D at IIT(ISM) Dhanbad.
Essential Qualification	M Tech/ M.Sc in Mathematics & Computing, Mathematics, Statistics, Statistics & Informatics, Data Science, Data Analytics, Artificial Intelligence and relevant fields. Candidate must have qualified GATE or NET.
Desirable Qualification	Knowledge in Machine Learning, Deep Learning and python programming is highly desirable.
Age and Relaxation (if any)	As per GOI/DST-ANRF rule for JRF recruitment.
Fellowship	Rs. 37000/- per month.
Last Date & Time	Interested candidates should send a single pdf containing i) Detail CV, ii) GATE/NET score card, iii) self-attested copies of all mark sheets and certificates, iv). Proof of work experience if any to PI Prof. Subhashis Chatterjee via email subhashis@iitism.ac.in on or before 29 th August, 2025, 7 PM. Candidate must write Application for JRF position in TEXMiN funded project in the subject line of the mail.
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. Interview will be held in video conferencing mode and the link will be shared with the short listed candidates in due course.	