



Indian Institute of Technology (ISM) Dhanbad

Office of the Dean (Research & Development)

Sanction No and Date: WIN-CoE, IIT (ISM) Project No. SRDP 1257 I Date: 09.01.2026
01/01/2026

Project Staff (JRF) position under (WIN-CoE) Project

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

Position	Junior Research Fellow
Number of Position (s)	01
Title of The Project	AI-Driven Digital Twins for Proactive Failure Prediction in Mining Assets
Principal Investigator	Prof. Amgoth Tarachand Associate Professor Department of Computer Science & Engineering IIT ISM Dhanbad
Tenure of Project	TWO Years (The candidate will be allowed for PhD enrolment as per the institute rules)
Job Description (in maximum of 100 words)	Design of AI/ML models and IoT ecosystem for mining assets like dump trucks, conveyor belts etc.
Essential Qualification	B. Tech in CSE/Electronics OR/AND M. Tech in CSE/Electronic with first class minimum 60% (Industrial experience will be given preference) valid GATE/NET Score in CSE or allied areas.
Desirable Qualification	The candidate have basic knowledge in Artificial Intelligence/ Machine Learning, 3D Modelling software, and Cloud computing. Programming skills in Python
Age and Relaxation (if any)	35 years at the time of appointment. A relaxation in the upper age limit will be given to SC/ST/OBC (Non-creamy layer)/PH candidates as per GOI rule.
Fellowship	Rs. 37, 000/- for 1 st Year and 2 nd Year
Last Date & Time	17 February 2026. Interested candidate forward their CV to the principal Investigator Prof. Tarachand Amgoth vis email: tarachand@iitism.ac.in
Shortlisted candidates will be informed on the date of interview (ONLINE). 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.	

(Prof. Amgoth Tarachand)