



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

Sanction No and Date: वि०प्रा०/कौ०-०२/२०१६ (पार्ट-११) - ५४ Date: 20/02/2026	IIT (ISM) Project No. SRDP 1276 G	Date 15/04/2026
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Project Staff (Project Associate-I) position under JCSTI Project

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

Position	Project Associate-I
No. of Position(s)	01 (One)
Project Title	Resilient Edge-LoRa System for Early Gas Hazard Detection in Coal Mines and Adjacent Communities
Principal Investigator	Dr. Tamoghna Ojha (PI) Department of Mathematics & Computing, IIT (ISM) Dhanbad; Email: tamoghnaojha@iitism.ac.in
Tenure of Project	3 Years (30/03/2026 – 29/03/2029)
Job Description	The candidate will work on designing edge-LoRa system prototype, develop the algorithms and evaluate performance of the same and prepare reports and research articles. Experience with embedded systems, wireless protocols, C/Python programming and Machine Learning is preferred.
Essential Qualification	B.E./B.Tech/M.Tech/MCA/M.Sc in CSE, Mathematics & Computing, EEE, ECE, Artificial Intelligence, Data Science, or related fields with a Valid GATE or NET Score
Desirable Qualification	A background in computer networks and proficiency in C and Python programming with knowledge of Machine Learning will be preferred.
Age & Relaxation	35 Years and As per the norms of the Government of India/IIT (ISM), Dhanbad
Fellowship	₹ 31000/- per month (Qualified GATE or NET)
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 (tamoghnaojha@iitism.ac.in), on or before 08 May 2026 (Friday), 6:00 PM . Candidates should write “ Application for Project Associate-I position ” in the subject of the email.

Shortlisted candidates will be notified of the interview date. Mere possession of a minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and in accordance with the project's requirements. The interview will be conducted via video conferencing; a link for this purpose will be shared with the shortlisted candidates in due course.