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

Sanction No and Date: DAR/27/2025-26 and 01/01/2026	IIT (ISM) Project No. SRDP 1256 I	Date: 06-02-2026

Junior Research Fellow -1 position for the Wadhwani Innovation Foundation Project

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

Position	Project Associate-1 (can be converted to full-time PhD)
Number of Position (s)	**1**
Title of The Project	AI- enabled Mine Inspection for Health and Safety and Data Analyses for Development of Risk Indices (AIMSURE)
Principal Investigator	**Dr. Siddhartha Agarwal** Assistant Professor Department of Mining Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad-826004, Jharkhand **Phone no: 9335536412 (Mobile)** **Email: sagarwal@iitism.ac.in**
Tenure of Project	2 years
Job Description (in a maximum of 100 words)	Project-related activities include 1) Field, 2) Data Collection, 3) Application of AI algorithms on Text Data, 4) Analysis and Graphs, and 5) preparation of project reports and a few other projects, as and when necessary. Prototype or software modules development
Essential Qualification	Graduate or Post-Graduate degree in Science OR Graduate or Post-Graduate degree in a professional course like engineering.(I) a. Scholars selected through CSIR-UGC-NET or GATE b. Selected through national-level examinations conducted by the central governments and their agencies B.E./M.Tech/MScTech equivalent in all Engineering/geology/geophysics streams are welcome as long they possess knowledge of Data Analysis or Web App Development. For those who do not fall under the (I) above, kindly see the revised pay
Desirable Qualification	• Prior research/project experience • Exposure to data analysis, programming, AI/ML, GIS, or domain-specific tools (as applicable), Programming: Python / R / MATLAB, LLMs, document processing, text mining • Periodic progress reports (monthly/quarterly), Research papers/conference submissions,
Age and Relaxation (if any)	The upper age limit is 35 years at the time of interview (Age relaxation for SC/ST candidates and OBC Candidates as per GOI rules, and 2 years for the candidates with research/ work experience in relevant industries)
Fellowship	**Rs. 31000/- per month (consolidated).** **Rs 25,000/- per month (consolidated) who do not fall under (I) above in essential qualification**
Nature and Tenure of Assignment	The position is purely temporary and co-terminus with the project sanctioned for a maximum period of months. The appointment will be extended till the duration of the project extension if any, subject to satisfactory performance of the candidate.
Last Date & Time	**12-02-26 (Monday) at 5 PM (IST)**
Apply for the Post (Online)	Completed applications on plain paper, providing full biodata with a passport-size photo, indicating the project number, project name, and post, and enclosing self-attested copies of the relevant supporting documents (age, qualification, experience, etc.), may be sent as soft copies to the above email IDs.
Shortlisting/Interview & TA/DA	• Only Indian citizens are eligible to apply for the advertised position. • The award of fellowship does not imply any employment guarantee by the sponsor or IIT(ISM) of the project Candidates will be

	shortlisted for the interview based on merit.
	• Shortlisted candidates should appear the interview in **person** with original degree certificates (one set of Xerox), date of birth proof along with any other relevant documents (like copies of publications, awards, experience, recommendations, etc.)
	• The date and time of interview will be shortlisted candidate through email.
	• No TA/DA will be paid to the candidate s communicated to the called for interview.
	• The selected candidates will have 2 weeks to join in the project within time from the date of communication of the result.

(Signature of PI)