



**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	<b>IIT (ISM) Project No. SRDP 1256 I</b>	Date: 28-01-2026
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**Junior Research Fellow -1 position for the Wadhwan Innovation Foundation Project**

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

<b>Position</b>	JRF (Junior Research Fellow) Can be converted to full time PhD
<b>Number of Position (s)</b>	<b>1</b>
<b>Title of The Project</b>	AI- enabled Mine Inspection for Health and Safety and Data Analyses for Development of Risk Indices (AIMSURE)
<b>Principal Investigator</b>	<b>Dr. Siddhartha Agarwal</b> Assistant Professor Department of Mining Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad-826004, Jharkhand <b>Phone no: 9335536412 (Mobile)</b> <b>Email: sagarwal@iitism.ac.in</b>
<b>Tenure of Project</b>	2 years
<b>Job Description (in a maximum of 100 words)</b>	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
<b>Essential Qualification</b>	Master's degree (M.Tech / M.Sc.) in a relevant any engineering discipline (e.g., Mining Engineering, Computer Science, Data Science, AI/ML, Environmental Engineering, Earth Sciences, etc.). <b>GATE score is necessary in the relevant discipline</b> Minimum academic performance as per institute norms (usually 60% or equivalent CGPA)
<b>Desirable Qualification</b>	<ul style="list-style-type: none"><li>Prior research/project experience</li><li>Exposure to data analysis, programming, AI/ML, GIS, or domain-specific tools (as applicable), Programming: Python / R / MATLAB, LLMs, document processing, text mining</li><li>Periodic progress reports (monthly/quarterly), Research papers/conference submissions,</li></ul>
<b>Age and Relaxation (if any)</b>	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)
<b>Fellowship</b>	Rs. 31,000/- per month (consolidated)
<b>Nature and Tenure of Assignment</b>	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.
<b>Last Date &amp; Time</b>	9-01-2026 (Monday) at 5 PM (IST)
<b>Apply for the Post (Online)</b>	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.
<b>Shortlisting/Interview &amp; TA/DA</b>	<ul style="list-style-type: none"><li>Only Indian citizens are eligible to apply for the advertised position.</li><li>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.</li><li>Shortlisted candidates should appear the interview in <b>person</b> 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.)</li><li>The date and time of interview will be shortlisted candidate through email.</li><li>No TA/DA will be paid to the candidate s communicated to the called for interview.</li><li>The selected candidates will have 2 weeks to join in the project within time from the date of communication of the result.</li></ul>

**(Signature of PI)**