



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

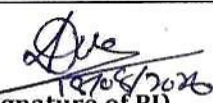
Sanction No.: CIL/R&D/01/88/2026 Date: 02/03/2026	IIT(ISM) Project No.: SRDP 1286 I	Date: 18-08-2026
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Junior Research Fellow (JRF) position under CIL R&D Board Sponsored Project

Applications are invited from eligible, motivated, and research-oriented candidates for the following position under the sponsored research project. The details of the project and the position are given below:

Position	Junior Research Fellow (JRF)
Number of Positions	Two (02)
Title of The Project	Development of Innovative Extraction Method for Safer Extraction of Coal Seam by Underground Method with Higher Productivity and Percentage of Extraction using Continuous Mining System
Principal Investigator	Prof. Arka Jyoti Das, Assistant Professor, Department of Mining Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad-826004, Jharkhand Mobile no: 8340346054 Email: arkajyoti@iitism.ac.in
Co-PI	Prof. R. M. Bhattacharjee, Professor, Department of Mining Engineering, IIT(ISM) Prof. P. S. Paul, Professor, Department of Mining Engineering, IIT(ISM)
Tenure of Project	Twelve Months (12) or Co-terminus with the project, whichever is earlier.
Job Description (in maximum of 100 words)	The selected candidates will be involved in frequent field investigations at different underground coal mines and are required to spend minimum 10-15 days at each mine site for data collection and site investigations. The candidates will also need to carry out numerical simulations, data analysis, report preparation, publication of research papers, and other related to the project work as and when required.
Essential Qualification	- B.E. / B.Tech. in Mining Engineering or Civil Engineering Or - M.Sc./M.Sc. Tech./M.Tech. in Mining Engineering, Geotechnical Engineering, Geology, Applied Geology, Engineering Geology, Geological Technology, Tunnelling & Underground Space Technology, Rock Engineering and Underground Structures - The candidates must have qualified GATE/CSIR-UGC NET.
Desirable Qualification	- M.E. / M.Tech. in relevant specializations related to Mining, Rock Mechanics, Geotechnical, or allied fields - Knowledge on underground coal mining and numerical simulation software like FLAC3D/3DEC.
Age and Relaxation (if any)	The upper age limit is 35 years as on the closing date of application (Age relaxation for SC/ST/OBC/PH/Female candidate as per GOI rules)
Fellowship	Rs. 37,000/- per month + admissible HRA in case hostel accommodation is not available.
Last Date & Time	September 30, 2026 by 11:55 PM
Application Procedure	Interested candidates are requested to submit their application through email as a single PDF file containing: - Detailed Curriculum Vitae (CV) - All marksheets (10th onwards), - All certificates (10th onwards), - Age proof - Valid GATE/CSIR-UGC NET score card The application in a single PDF file should be sent to arkajyoti@iitism.ac.in. The candidate should write "Application for JRF position under Project SRDP 1286 I" in the subject of the email.

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 shortlisted based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview. The candidates are requested to bring all the original certificates and supporting documents and submit one set of photocopies of the original documents duly self-attested at the time of interview.


(Signature of PI)