



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

Sanction No and Date: Letter No. 2020 Date: 22.07.2025	IIT (ISM) Project No.: SRDP 1218 G	Date: 16.08.2025
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JRF Position under Sponsored Project of Jharkhand State Pollution Control Board

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

Position	JRF	
Number of Position (s)	ONE	
Title of The Project	Development and Optimization of Eco-Friendly Surfactant/Polymer Dust Suppressants for Coal Mines Areas of Jharkhand	
Principal Investigator/Co-PI	Dr. Ajay Mandal Professor, Department of Petroleum Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004, Jharkhand. Email: ajay@iitism.ac.in , Mobile: 9431711017	Dr. Keka Ojha Professor, Department of Petroleum Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004, Jharkhand. Email: kekaojha@iitism.ac.in , Mobile: 9431125577
Fellowship Tenure	One Year	
Tenure of Project	One Year or till end of the project. It may be converted to regular JRF at any time as per IIT(ISM) rules. Students have the opportunity to continue PhD in his/her interested research area.	
Job Description (in maximum of 100 words)	Synthesis & Characterization, and formulation of surfactant polymer systems for application in Coal dust suppression in mining area.	
Essential Qualification	B.Tech./B.E./M.E./M.Tech in Petroleum Engineering/Chemical Engineering or M.Sc./M.Sc. Tech in Chemistry/Geology with more than 60% marks or equivalent CGPA/OGPA. GATE/NET or equivalent exam. is mandatory.	
Desirable Qualification	NA	
Age and Relaxation (if any)	28 years	
Fellowship	₹ 37,000/- per month	
Last Date & Time	28 th August, 2025, 2.00 pm	
Tentative Date of Interview	29 th August, 2025, 12.00 noon	
How to Apply: Interested candidates may send their applications with self-attested copies of all degree with GATE/NET or equivalent examination scope through email and also by post at the address of Principal Investigator. Please mention Project No.: SRDP 1218 G in the subject of your application. Eligible and selected candidates will be called for an interview. The interview will be in video conferencing mode.		