



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

Sanction No and Date: RCP/UT((SM)Dhanbad/2025/08 /07	IIT (ISM) Project No. SRDP 1231 I	Date: 23.09.2025
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**Project Staff (JRF/SRF/RA/Project Assistant/Project Associate) position
under (Name of Funding Agency) Project**

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

Position	Junior Research Fellow
Number of Position (s)	One
Title of The Project	Development of High-Performance Drag Reducing Agents for Efficient Pipeline Transport of Heavy Crude Oil
Principal Investigator	Prof. Vikas Mahto Professor & Head, Department of Petroleum Engineering, IIT (ISM) Dhanbad, Dhanbad-826004, Jharkhand Email: vikas@iitism.ac.in , Mobile No. 9431711023
Tenure of Project	One year or till the end of the project. It may be converted into regular JRF of the Institute at anytime as per IIT(ISM) Rule
Job Description (in maximum of 100 words)	1. Characterization of heavy crude oils 2. Synthesis & Characterisation of drag reducing agent and their evaluation in improving flow behaviour of heavy crude oils
Essential Qualification	GATE/NET qualified, M.Tech. in Petroleum Engineering/Chemical Engineering /Petrochemical/Petroleum Refining/Materials Science/Mechanical Engineering or M.Sc. in Applied Chemistry or related discipline.
Desirable Qualification	Candidates with excellent academic background and knowledge of petroleum/petroleum refining engineering will be preferred.
Age and Relaxation (if any)	The upper age limit is 30 years at the time of interview (Age relaxation for SC/ST/OBC/PH candidates as per GOI rules)
Fellowship	37,000 per month
Last Date & Time	21 st October 2025; 06.00PM
How to Apply: Interested candidates may send all requirement documents through Email to Principal Investigator (vikas@iitism.ac.in). Eligible and selected candidates will be called for an interview. Please mention project number on the subject of application. The interview will be held through offline mode. Note: 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 short listed based on their merit and as per the requirement of the project. Candidates have to make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview. The selected candidates will have to join in the project within 7 days of receipt of the appointment letter.	

Vikas Mahto
(Prof. Vikas Mahto)
Principal Investigator