

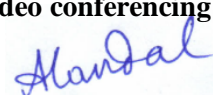


Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: Letter No. 4/3/2020-OIDB dated 08.10.2020	IIT (ISM) Project No.: OIDB/2020-2021/739/PE	Date: 27.11.2020
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JRF position under OIDB Sponsored Project

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

Position	Junior Research Fellow (JRF)
Number of Position (s)	ONE
Title of The Project	Foam Assisted Oil-Water Nanoemulsion for Enhanced Oil Recovery: Experimental and Molecular Dynamic Simulation Studies
Principal Investigator	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
Tenure of Project	2 Years
Job Description (in maximum of 100 words)	Studies on optimization of physicochemical properties (IFT, wettability, stability, phase behavior etc.) of surfactant and nano-particle stabilized oil-water nanoemulsion for application in enhanced oil recovery and Molecular Dynamic Simulation Studies.
Essential Qualification	M.E./M.Tech/B.E/B.Tech in Petroleum Engineering/Chemical Engineering; M.Sc in Applied Chemistry with more than 60% marks or equivalent CGPA/OGPA in Master Degree. Final Year Appearing students may also apply. Candidate must be GATE/NET qualified.
Desirable Qualification	Experience in the relevant fields.
Age and Relaxation (if any)	30 years
Fellowship	₹ 35000/- per month
Last Date & Time	14 th December, 2020, 5.00 pm
Tentative Date of Interview	16 th December, 2020, 10.00 am
How to Apply: Interested candidates may send hard copy of their applications with attested copies of all degree and experience certificates by speed post and also through Email at the address of Principal Investigator. Eligible and selected candidates will be called for an interview. The interview will in video conferencing mode.	
DATE: 24.11.2020	 (Principal Investigator)

HOD/PE: