

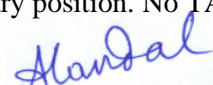


Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: 22(0821)/019/EMR-II dated 02.12.2019	IIT (ISM) Project No.: CSIR(33)/2019-2020/691/PE	Date: 31.08.2020
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JRF position under CSIR 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	Synergistic Effects of Nanoparticle and Surfactant in Formation of Nanoemulsion for Application in 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	3 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.
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	₹ 31000/- per month for first 2 years and ₹ 35000/- for 3 rd year
Last Date & Time	25 th September, 2020, 5.00 pm
Tentative Date of Interview	5 th October, 2020
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. This is purely a temporary position. No TA/DA will be paid to attend the interview for this post.	
DATE: 31.08.2020	 (Principal Investigator)