



**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	<b>IIT (ISM) Project No.:</b> OIDB/2020-2021/739/PE	Date: 24.08.2022
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**Project Associate Position under OIDB Sponsored Project**

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

<b>Position</b>	<b>Project Associate</b>
<b>Number of Position (s)</b>	ONE
<b>Title of The Project</b>	Foam Assisted Oil-Water Nanoemulsion for Enhanced Oil Recovery: Experimental and Molecular Dynamic Simulation Studies
<b>Principal Investigator</b>	Dr. Ajay Mandal Professor, Department of Petroleum Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004, Jharkhand. Email: <a href="mailto:ajay@iitism.ac.in">ajay@iitism.ac.in</a> , Mobile: 9431711017
<b>Tenure of Project</b>	1 Year or till end of the project
<b>Job Description (in maximum of 100 words)</b>	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.
<b>Essential Qualification</b>	M.E./M.Tech in Petroleum Engineering/Chemical Engineering with more than 60% marks or equivalent CGPA/OGPA.
<b>Desirable Qualification</b>	Experience in the relevant fields.
<b>Age and Relaxation (if any)</b>	32 years
<b>Fellowship</b>	₹ 35000/- per month
<b>Last Date &amp; Time</b>	2nd September, 2022, 5.00 pm
<b>Tentative Date of Interview</b>	6th September, 2022, 5.30 pm
<b>How to Apply:</b> 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. <b>The interview will in video conferencing mode.</b>	