



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

Sanction No and Date: Letter No. DAR/27/2025-2026 dated 25 March, 2026	<b>IIT (ISM) Project No.: SRDP 1285 G</b>	Date: 02.04.2026
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**JRF position under ANRF Sponsored Project**

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

<b>Position</b>	JRF
<b>Number of Position (s)</b>	ONE
<b>Title of The Project</b>	Development of a Novel Formate-Based Injection Method for Enhanced Carbon Storage and Oil Recovery in Cambay Basin Oil Fields: Supporting Energy Security and Net-Zero Goals
<b>Principal Investigator</b>	Dr. Neetish Kumar Maurya Assistant Professor, Department of Petroleum Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004, Jharkhand. Email: neetish@iitism.ac.in, Mobile: 9771458839
<b>Tenure of Project</b>	Initially for one year (can be extended up to three years/completion of the project).  <b>Ph.D. Opportunity:</b> The selected candidate may be allowed to register for the Ph.D. program at IIT (ISM) Dhanbad as per Institute rules. The position may be converted into a regular Institute JRF if the candidate is admitted to the Ph.D. program.
<b>Job Description</b>	1. Design different format based chemical slug for EOR and carbon sequestration 2. Evaluation of different injection schemes and synergy with other chemical EOR methods.
<b>Essential Qualification</b>	B.Tech/M.E./M.Tech in Petroleum Engineering/Chemical Engineering/M. Sc. In Chemistry. <b>Candidate must be GATE or NET qualified.</b>
<b>Desirable Qualification</b>	For Petroleum Engineering, candidates should have experience or knowledge in Enhanced Oil Recovery (EOR), reservoir simulation. For candidates from Chemistry/Chemical Engineering, knowledge of basic chemistry of salt, surfactants and polymer is desirable.
<b>Age and Relaxation (if any)</b>	The upper age limit will be 28 years at the time of appointment. A relaxation in upper age limit will be given to SC/ST/OBC (Non-Creamy layer)/ Female candidates as per GOI/DST rules.
<b>Fellowship</b>	<b>Rs. 37000/- + Applicable HRA per month</b> for first two years (from start of the project) and may be extended to one more year with fellowship of <b>Rs. 42000/- + Applicable HRA</b> per month on satisfactory performance
<b>Last Date &amp; Time</b>	26 <sup>th</sup> April, 2026, 11.00 pm
<b>Tentative Date of Interview</b>	30 <sup>th</sup> April, 2026, 10.00 am ( <b>Online</b> )
<b>How to Apply: How to Apply:</b>	Interested candidates should email a single PDF [containing (i) CV, (ii) GATE/NET score card, (iii) copies of all marksheets and certificates starting from 10th class, (iv) proof of work experience (if any)] to PI neetish@iitism.ac.in on or before 20 <sup>th</sup> April, 2026, 11.00 pm. Candidates should write “ <b>Application for JRF position in ANRF Project</b> ” in the subject of the email.

**PI (Dr. Neetish Kumar Maurya)**