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

Notice

Sanction No and Date: Letter No. REF.: EOGL/RG (EAST)-CBM-2001/1/2026-27/08 Date: Aug 19th 2026	**IIT (ISM) Project No.: SRDP14041**	Date: 29.10.2026

JRF for ESSAR Oil and Gas Ltd Sponsored Project

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

Position	**Junior Research Fellow (JRF) / Project Associate-I**
Number of Position (s)	01
Title of The Project	The Study of the Impact of Injection Fluids on the Performance of a Producing Coal Bed Methane (CBM) Reservoir in the Raniganj East Block
Principal Investigator	Prof. Archana Assistant Professor, Department of Petroleum Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004, Jharkhand. Email: archanabalikram@iitism.ac.in, Mobile: 9471191527
Tenure of Project	13 Months or end of the Project
Job Description (in maximum of 100 words)	The objectives of the project are: 1. Characterization of CBM reservoir rocks & fluid 2. Screening and evaluation of injection chemicals for enhancing recovery
Essential Qualification	**Junior Research Fellow (JRF)/ Project Associate-I** Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE. b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS,DRDO, MOE, ICAR, ICMR, IIT, IISc, IISER, NISER etc. (i) For **Junior Research Fellow (JRF): Rs. 37,000/-** to Scholars who are selected through (a) National Eligibility Tests - CSIR-UGC NET including Lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions (ii) **For Project Associate-I: Rs. 30,000/-** for others who do not fall under (i) above
Desirable Qualification	Experience/Knowledge in the relevant fields.

Age and Relaxation (if any)	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 rules.
Fellowship	(i) For **Junior Research Fellow (JRF): Rs. 37,000/-** to Scholars who are selected through (a) National Eligibility Tests - CSIR-UGC NET including Lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions (ii) **For Project Associate-I: Rs. 30,000/-** for others who do not fall under (i) above
Last Date & Time	9th Nov, 2026, 11.00 pm
Tentative Date of Interview	11th Nov, 2026, 10.00 am **(Hybrid Mode)**

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 to Principal Investigator. Eligible and selected candidates will be called for an interview. **Please mention project number on the subject of application.**

Interview will be in Hybrid Mode.

PI (Dr. Archana)