



Indian Institute of Technology (ISM) Dhanbad
Office of the Dean (Research & Development)

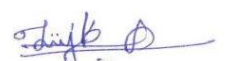
Sanction No and Date: ANRF/ECRG/2025/003155/ENS dated 29 May 2026	IIT (ISM) Project No. SRDP 1321 G	Date: 25-06-2026
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ANRF Junior Research Fellow (ANRF JRF) position under ANRF Project

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

Position	ANRF Junior Research Fellow (ANRF JRF)
Number of Position	01 (One)
Title of the Project	Coupled Thermo-Hydro-Mechanical Analysis of Gas Hydrate Dissociation and Slope Stability in the Krishna-Godavari Basin under Climate Change.
Principal Investigator	Prof. Lijith K P, Civil Engineering Department, IIT (ISM), Dhanbad, Jharkhand, India. Email: lijith@iitism.ac.in
Tenure of Project	The position is temporary and will last for three years or until the project ends. The selected candidate may be considered for Ph.D. enrollment, subject to fulfilling the admission criteria of IIT (ISM), Dhanbad.
Job Description (in Maximum of 100 words)	The candidate will focus on the geomechanical behavior of offshore gas hydrate-bearing sediments (GHBS) during the dissociation of gas hydrates. The work also includes developing numerical models to couple the thermo-hydro-mechanical behavior of GHBS under various climate change scenarios.
Essential Qualification	Candidates must have: <ul style="list-style-type: none">• M.Tech. in Geotechnical Engineering/ Earthquake Engineering/ Soil Dynamics/ Earth Sciences or equivalent specializations.• Candidate must be GATE/NET qualified.• B.Tech. in Civil Engineering/ Earth Sciences. Note: Candidates awaiting their M.Tech. degree results are eligible to apply.
Desirable Qualification	Exposure to constitutive modelling &/or numerical modelling and slope stability analysis &/or proficiency in FLAC, Python, PLAXIS.
Age and Relaxation (if any)	The upper age limit is 28 years at the time of application (Age relaxation for SC/ST/OBC/PWD/Female candidate as per GoI rule).
Fellowship	₹ 37000/- p.m. + 20% HRA for first two years ₹ 42000 /- p.m.+ 20% HRA for third year HRA can be admissible in lieu of non-availability of hostel accommodation.
Last Date & Time	July 15, 2026 at 6:00 PM
Application Procedure	Eligible candidates are advised to <ul style="list-style-type: none">• Apply through the Google Form: https://forms.gle/49aKY8GP6MbACWdPA• Email their detailed CV, marksheets, certificates, age proof, and GATE score card in a single PDF file by E-mail to lijith@iitism.ac.in. Candidates should write "Application for JRF position" in the subject of the email.

Shortlisted candidates will be informed of the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short-listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview. Interview may be conducted online mode or in-person (physical) mode.


Signature of PI