



Indian Institute of Technology (Indian School of Mines), Dhanbad

The Office of Dean, Research & Development

Sanction No and Date: CRG/2023/002739 dated 08.05.2024	IIT (ISM) Project No. SERB(CRG)/2024-2025/1109/CE	Date 30.05.2024
--	---	---------------------------

JRF position under (SERB-CRG) Sponsored Project

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

Position	JUNIOR RESEARCH FELLOW
Number of Position (s)	01 (one)
Title of The Project	Application of hybrid techniques for generation of Decision Support System for quantifying the population vulnerability due to geogenic contaminants and development of cost-effective remediation methods, in the mining-affected and surface-groundwater interaction zones in the Damodar basin
Principal Investigator	Prof. SRINIVAS PASUPULETI, Head, Department of Civil Engineering, IIT (ISM), Dhanbad
Tenure of Project	The position is temporary and co-terminus with the project which is sanctioned for a period of Three Years .
Job Description (in maximum of 100 words)	The candidate is expected to do review of scientific literature, perform extensive field studies, lab experiments and simulation in the domain of geospatial techniques, hydro-geochemistry, build models with AI/ML and publish in reputed Journals. The selected candidate may be allowed to enroll for Ph.D. program if the required criteria for Ph.D. admission of IIT(ISM) Dhanbad are satisfied.
Essential Qualification	1. M.Tech./ M.E. in Water Resources Engineering / Environmental Engineering/ Earth Sciences / Remote Sensing & GIS/ Disaster Mitigation and Management/ or equivalent discipline 2. B.Tech. / B.E. in Civil Engineering/Environmental Engineering/ Agricultural Engg. and Technology/ or equivalent discipline 3. GATE qualified 4. First class/division throughout
Desirable Qualification	Experience in QGIS/ ERDAS/MATLAB / python/ R programming.
Age and Relaxation (if any)	The upper age limit is 28 years at the time of appointment (Age relaxation for SC/ST/OBC/PH/Female candidate as per GoI rules)
Fellowship	Fellowship: @ 37,000/- per month for first two years and @ 42,000/- per month for third year.
Last Date & Time	November 11, 2024, 5:00 PM
Application Procedure	Interested and eligible candidates are requested to email their CV, mark sheets, certificates, experience certificates in a zipped file to the Principal Investigator (Email: srinivas@iitism.ac.in) before 5:00 PM on November 11, 2024 .
Shortlisted candidates will be informed about 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.	

P. Srinivas
(Signature of PI)