Indian Institute of Technology (Indian School of Mines) Dhanbad

Office of the Dean (Research & Development)

Sanction No. ANRF/ARG/2025/002502/EAS **Date:** 21-05-2026	**IIT (ISM) Project No.** SRDP 1317 G	**Date:** 29-05-2026

Junior Research Fellow position under Advanced Research Grant (ARG) Program of the Anusandhan National Research Foundation (ANRF) Project

Applications are invited from eligible, motivated, and research-oriented candidates for the following position under the sponsored research project. The details of the project and the position are given below:

Position	ANRF Junior Research Fellow (ANRF JRF)
Number of Position (s)	One (01)
Title of The Project	*Assessment of stand-up time of freshly exposed unsupported overlying strata for safe working with Continuous Miner technology in Indian coalfields*
Principal Investigator (PI)	Dr. Ashok Kumar, Assistant Professor, Department of Mining Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad, Dhanbad – 826004, Jharkhand Email: ashokmin@iitism.ac.in Mobile No. +91 8603401161
Co- PI	Dr. Santosh Kumar Behera, Assistant Professor, Department of Mining Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad, Dhanbad – 826004, Jharkhand Email: skbehera@iitism.ac.in Mobile No. +91 8986760221
Tenure of Project	36 months (up to 22-05-2029)
Job Description (in maximum of 100 words)	The selected JRF will be involved in field investigations related to underground coal mining and is required to spend approximately 10–15 days in the field for data collection and site investigations. The candidate will also need to carry out numerical simulations, data analysis, report preparation, publication of research papers, and filing of patents related to the project work.
Essential Qualification	• B.Tech./B.E. in Mining Engineering or Civil Engineering • Candidate must be GATE qualified • Candidates awaiting M.Tech. result are also eligible to apply, provided they possess a valid GATE qualification
Desirable Qualification	• M.Tech. in relevant specializations related to Mining, Rock Mechanics, Geotechnical, or allied fields • Knowledge/experience in underground mining methods, numerical modelling, rock mechanics investigations, underground excavation studies, or related simulation software will be preferred
Age and Relaxation (if any)	The upper age limit is 32 years as on the closing date of application. Age relaxation for SC/ST/OBC/PwD/Female candidates will be applicable as per Government of India rules.
Fellowship	• ₹37,000/- per month for the first two years • ₹42,000/- per month for the third year (Campus accommodation may be provided subject to availability)
Last Date & Time	30-06-2026 up to 06:00 PM
Application Procedure	Interested candidates are requested to submit their application through email as a **single PDF file** containing: • Detailed Curriculum Vitae (CV) • Scanned copies of educational certificates and mark sheets (10th onwards) • Proof of age • Valid GATE scorecard • Relevant experience certificates, if any The application should be sent via email to: **ashokmin@iitism.ac.in** with the subject line mentioning: **"Application for ANRF-JRF Position under Project SRDP 1317 G"**

Shortlisted candidates will be informed regarding the schedule of the offline interview through email. Mere possession of the minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and suitability as per the requirements of the project. Candidates appearing for the interview will have to make their own arrangements for travel and stay at Dhanbad, if required. The candidates are requested to bring all the original certificates and supporting documents and submit one set of photocopies of the original documents duly self-attested at the time of interview. No TA/DA will be provided for attending the interview. The position is purely temporary and co-terminus with the project, initially for a period of three (03) years. Based on satisfactory performance, the selected candidate may be considered for enrolment into the Ph.D. programme of IIT (ISM) Dhanbad, subject to fulfilment of the Institute's Ph.D. admission criteria.

Ashok kumar
29-05-2026

(Signature of Principal Investigator)