



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

Sanction No and Date: Met4-14/27/2024 31/07/2024	IIT (ISM) Project No. SRDP 1142 G	Date 23/08/2024
---	---	--------------------

Project JRF position under Ministry of Mines, GoI Project

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

Position	JRF (Junior research fellow)
Number of Position (s)	01 (One)
Title of The Project	Design and Development of Abrasion Resistant Alloys for Sustainable Mining Operations
Principal Investigator	Dr. Avanish Kumar, Assistant Professor, Department of Fuel, Minerals and Metallurgical Engineering, IIT(ISM) Dhanbad, Jharkhand-826004, Email: avanish@iitism.ac.in
Tenure of Project	Two (02) Years or till the completion of the project, whichever is earlier.
Job Description (in maximum of 100 words)	Candidates are expected to do a scientific literature review and experiments related to Melting, Casting, Thermo-mechanical processing, Heat-treatment, Metallography, Microscopy, Mechanical testing etc. under the supervision of Principal Investigator. The selected candidates may be allowed to enroll in PhD program if the required criteria for PhD admission at IIT(ISM) Dhanbad are fulfilled.
Essential Qualification	1) MTech/ME or equivalent in streams like Metallurgical Engineering, Materials Science & Engineering, Manufacturing Engineering, Mechanical Engineering and Production Engineering and other relevant fields. 2) The candidate should be GATE qualified.
Desirable Qualification	Candidates with prior research experience and knowledge related to melting & casting, mechanical working, microscopy, mechanical testing etc. will be preferred.
Age and Relaxation (if any)	Not more than 28 years at the time of appointment, with relaxation as per Government of India norms.
Fellowship	Rs. 37000/- Plus HRA per month
Last Date & Time	Interested candidates are requested to send their application through email with their updated CV along with self-attested copies of Mark Sheets, GATE, Degree Certificates etc. as a single PDF to the PI (avanish@iitism.ac.in) by 09.09.2024 . Candidate should write "Application for JRF position in project No. "SRDP 1142 G" in the subject of the email.

Shortlisted candidates will be informed on 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. **The interview will be in video conferencing mode.** A link will be shared with shortlisted candidates in due course.


(Principal Investigator)