



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

Sanction No and Date: Met4-14/27/2024 31/07/2024	<b>IIT (ISM) Project No.</b> SRDP 1142 G	Date 04/11/2024
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**Project JRF position under Ministry of Mines, GoI Project**

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

<b>Position</b>	JRF (Junior research fellow)
<b>Number of Position (s)</b>	01 (One)
<b>Title of The Project</b>	Design and Development of Abrasion Resistant Alloys for Sustainable Mining Operations
<b>Principal Investigator</b>	Dr. Avanish Kumar, Assistant Professor, Department of Fuel, Minerals and Metallurgical Engineering, IIT(ISM) Dhanbad, Jharkhand-826004, Email: avanish@iitism.ac.in
<b>Tenure of Project</b>	<b>Two (02) Years</b> or till the completion of the project, whichever is earlier.
<b>Job Description (in maximum of 100 words)</b>	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.
<b>Essential Qualification</b>	1) Graduate/Post graduate degree 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.
<b>Desirable Qualification</b>	Candidates with prior research experience and knowledge related to melting & casting, mechanical working, microscopy, mechanical testing etc. will be preferred.
<b>Age and Relaxation (if any)</b>	No age limit.
<b>Fellowship</b>	Rs. 37000/- Plus HRA per month
<b>Last Date &amp; Time</b>	Interested candidates are requested to fill this <a href="#">Google form</a> and also 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 <b>15.11.2024</b> . <b>Candidate should write "Application for JRF position in project No. "SRDP 1142 G" in the subject of the email.</b>
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. <b>The interview will be in video conferencing mode.</b> A link will be shared with shortlisted candidates in due course.	

  
(Principal Investigator)