



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

Sanction No and Date: WIN-CoE Project/ January 01, 2026	IIT (ISM) Project No. SRDP 1263 I	Date: 28-01-2026
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Project Staff (Junior research Fellow) position under Wadhwani Innovation Network- Center of Excellence (WIN-CoE) Project

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

Position	Junior research Fellow (JRF)
Number of Position (s)	01
Title of The Project	Technology development for extraction of critical metals from spent neodymium iron boron (NdFeB) magnets
Principal Investigator	Dr. Aarti Kumari, Assistant Professor, Department of Fuel, Minerals & Metallurgical Engg., IIT(ISM) Dhanbad
Tenure of Project	Two years (maximum), or until the completion of the project, whichever comes earlier. <i>(The position may be converted into a regular JRF of the institute at any point subject to IIT(ISM) rules).</i>
Job Description (in Maximum of 100 words)	The research project focuses on the development of technology for the extraction and separation of critical metals (Nd, Pr, Dy etc.) from spent Neodymium Iron Boron (NdFeB) magnets. It aims to optimize the process for maximum critical metal recovery and present a scale-up model.
Essential Qualification	<ul style="list-style-type: none">▪ M.E./M.Tech/ M.S/ Integrated M.Tech. or B.E/B.Tech. in Metallurgical /Chemical /Mineral/ Mining/ Environmental/ Mechanical or its related discipline OR M.Sc./ MSc.Tech or equivalent degree.▪ The candidates must have qualified GATE/CSIR-UGC NET examination
Desirable Qualification	Experience/knowledge in the relevant fields.
Age and Relaxation (if any)	Upper age limit: 35 years, Age relaxation applicable as per Government of India / IIT(ISM) norms for SC/ST/OBC/Women/PwD candidates
Fellowship	Rs. 37,000/- + HRA (as applicable) per month
Last Date & Time	<ul style="list-style-type: none">▪ Interested candidates should email a single PDF [containing (i) CV (ii) GATE/NET score card (iii) self-attested copies of all mark sheets and certificates from class 10th (iv) proof of work experience (if any) to PI aarti@iitism.ac.in by February 20, 2026.▪ Candidate should write “Application for the position of JRF under WIN-CoE project (SRDP 1263 I)” in the subject of the email.
Shortlisted candidates will be informed about the date of interview <i>via</i> email. 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.	

(Signature of PI)