



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

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

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

<b>Position</b>	Junior research Fellow (JRF)
<b>Number of Position (s)</b>	01
<b>Title of The Project</b>	Technology development for extraction of critical metals from spent neodymium iron boron (NdFeB) magnets
<b>Principal Investigator</b>	Dr. Aarti Kumari, Assistant Professor, Department of Fuel, Minerals & Metallurgical Engg., IIT(ISM) Dhanbad
<b>Tenure of Project</b>	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>
<b>Job Description (in Maximum of 100 words)</b>	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.
<b>Essential Qualification</b>	<ul style="list-style-type: none"><li>▪ 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.</li><li>▪ The candidates must have qualified <b>GATE/CSIR-UGC NET</b> examination</li></ul>
<b>Desirable Qualification</b>	Experience/knowledge in the relevant fields.
<b>Age and Relaxation (if any)</b>	Upper age limit: 35 years, Age relaxation applicable as per Government of India / IIT(ISM) norms for SC/ST/OBC/Women/PwD candidates
<b>Fellowship</b>	Rs. 37,000/- + HRA (as applicable) per month
<b>Last Date &amp; Time</b>	<ul style="list-style-type: none"><li>▪ 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 10<sup>th</sup> (iv) proof of work experience (if any) to PI <a href="mailto:aarti@iitism.ac.in">aarti@iitism.ac.in</a> by <b>February 20, 2026</b>.</li><li>▪ Candidate should write “<b>Application for the position of JRF under WIN-CoE project (SRDP 1263 I)</b>” in the subject of the email.</li></ul>

Shortlisted candidates will be informed about the date of interview *via* 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)