



# Indian Institute of Technology Indore

Khandwa Road, Simrol, 453552.

Office Ph: +917316603175

IIT Indore

भारतीय प्रौद्योगिकी संस्थान इन्दौर  
सिमरोल, इन्दौर 453 552, भारत

## Advertisement for JRF position under BRNS sponsored project

Advt. No: 53/20/01/2024/01

Date: 30/01/2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in the research project funded by Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy (DAE), Government of India, as per the following details.	
<b>Position</b>	Junior Research Fellow (JRF) (Under BRNS. Project No. 53/20/01/2024)
<b>Number of Vacancy</b>	01
<b>Project Title</b>	Development of thermally deposited noble-metal-free mixed metal oxide electrodes for application in harsh corrosive environments
<b>Department</b>	Metallurgical Engineering and Materials Science
<b>Fellowship duration</b>	3 years or co-terminus with the project; JRF may be promoted to SRF subjected to satisfactory performance during the initial 2 years. (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per institute norms)
<b>Job Description</b>	Synthesis of acid-stable transition metal oxide based electrocatalyst and study the electrochemical and corrosion behavior in corrosive environments
<b>Essential Qualification</b>	M. Tech. / ME in Metallurgical and Materials Engineering/ Mechanical Engineering/ Nanotechnology/ Production Engineering/ Manufacturing Engineering/ Chemical Engineering or equivalent (with first division as defined by the awarding Institute / University); <b>OR</b> Masters degree in physics/chemistry/materials science/ (with first division as defined by the awarding Institute /University). <b>GATE/ NET-LS qualified candidates will be preferred.</b>
<b>Age Limit</b>	Maximum 28 years (3 Years relaxation for OBC candidate, 5 Years relaxation for SC/ST /Physically Handicapped/Female candidates)
<b>Fellowship</b>	<b>JRF:</b> Rs. 37,000/- p.m. (for first two years) <b>SRF:</b> Rs. 42,000/- p.m. (for third year)

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant educational and category certificate (if applicable) in a single pdf file to [nisheeth@iiti.ac.in](mailto:nisheeth@iiti.ac.in) with subject line **JRF application for BRNS project**. by **28/02/2025**. Tentative Date of Interview: **First week of March 2025**.

Only shortlisted candidates will be called for an interview (**online**). Selected candidates will be intimated by email.

### Address for Correspondence:

Dr. Nisheeth Kumar Prasad (email: [nisheeth@iiti.ac.in](mailto:nisheeth@iiti.ac.in))

Department of Metallurgical Engineering and Materials Science, IIT Indore

Ph: 7726938388