



भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत

Advertisement for JRF position under ANRF-PMECRG sponsored project

Advt. No: ANRF/ECRG/2024/005386/ENS

Date: 20/06/2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in the research project funded by Anusandhan National Research Foundation (ANRF) under Prime Minister Early Career Research Grant (PMECRG) Program, Govt. of India, as per the following details.

Position	Junior Research Fellow (JRF)
Number of Vacancy	01
Project Title	Advancing the carbon-neutral aluminum production: development and scalability of oxygen-evolving inert anodes for sustainable electrolysis
Principal Investigator	Dr. Nisheeth Kumar Prasad Assistant Professor Metallurgical Engineering and Materials Science, IIT Indore Email: nisheeth@iiti.ac.in Contact: 7726938388
Fellowship duration	3 years or co-terminus with the project, whichever is earlier. (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per the institute norms)
Job Description	The candidate is required to design and develop oxide-based anodes using advanced fabrication and surface coating technologies for aluminum electrolysis. It is required to perform high-temperature molten salt electrolysis experiments and determine the stability and performance of the anodes during aluminum electrolysis and long-term usage.
Essential Qualification	M. Tech. / M.E. in Metallurgical and Materials Engineering/ Metallurgy/ Materials Science and Engineering/ Ceramic Engineering/ Mechanical Engineering/ Production Engineering/ Manufacturing Engineering or equivalent (with first division as defined by the awarding Institute / University) AND GATE qualified ; OR B. Tech. / B.E. in Metallurgical and Materials Engineering/ Metallurgy/ Materials Science and Engineering/ Ceramic Engineering/ Mechanical Engineering/ Production Engineering/ Manufacturing Engineering or equivalent (with first division as defined by the awarding Institute / University) AND GATE qualified with valid score card ;
Age Limit	Maximum 28 years
Fellowship	Rs. 37,000/- p.m. (for first two years) + HRA (as per norms) Rs. 42,000/- p.m. (for third year) + HRA (as per norms)

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant educational certificates and GATE score card in a single pdf file to nisheeth@iiti.ac.in with subject line **JRF application for ANRF project** by **05/07/2025**. Tentative Date of Interview: **2nd week of July 2025**.

Only shortlisted candidates will be informed about the interview (**online**) via email.