



अनुसंधान और विकास अनुभाग
भारतीय प्रौद्योगिकी संस्थान इंदौर
खंडवा रोड, सिमरोल, इंदौर - 453552, भारत
Research & Development Section
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore 453552, India

IIT Indore

Advertisement for Recruitment of JRF

Advt. No: IITI/SK/PRJ/2026-27/001		Date: 01-10-2026
Applications are invited from interested and motivated candidates for the post of <u>Junior Research Fellow</u> in a research project as per the following details.		
Position	Junior Research Fellow	
Funding Agency Name	Ministry of Education	
Number of Vacancies	One	
Project Title	Development of Mixed Phase Layered Oxide Cathodes for Sodium-Ion Batteries	
Department	Metallurgical Engineering and Materials Science	
Duration of the Appointment	Till 28-05-2027	
Job Description	The experimental work in this project involves synthesising novel sodium layered oxides (via sol-gel, solid-state, or co-precipitation method) and characterizing the resulting materials as potential cathodes for Na-ion batteries. The JRF is expected to fabricate coin cells, conduct electrochemical characterization, analyse the results, and prepare reports.	
Essential Qualification	MSc/ MTech in Physics/ Chemistry/ Materials Science/ Nanotechnology/ Ceramics Engineering/Polymer Science, Solid State Physics.	
Desirable Qualification	Candidates who have qualified NET/ GATE will be given preference , and candidates with expertise in any of the following are strongly encouraged to apply: • Synthesis of inorganic materials. • Experience in crystal structure and microstructure determination using powder XRD, SEM, TEM, Raman spectroscopy, etc. • Basic electrochemistry characterization.	
Age Limit	Maximum 28 Years	
Fellowship Details	Junior Research Fellow (JRF) will be paid a consolidated salary of Rs. 37,000/- per month + HRA (if applicable).	
Date of Interview	09-11-2026	
Last Date of Applications	Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification, Degree Certificates, Marks Sheets, GATE qualifying certificates, Date of Birth Proof Certificate in a single PDF file to sunil@iiti.ac.in with a subject line “Application for JRF - [Your Name]”. before 30-10-2026 .	
• No TA/DA will be paid for appearing in the interview. • Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email.		