



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 RA

Advt. No: IITI/SK/PRJ/2026-27/002		Date: 01-10-2026
Applications are invited from interested and motivated candidates for the post of <u>Research Associate</u> in a research project as per the following details.		
Position	Research Associate	
Funding Agency Name	Anusandhan National Research Foundation (ANRF)	
Number of Vacancies	One	
Project Title	Development of Cost-effective and High-Performance Sodium-ion Batteries for Scalable Energy Storage	
Department	Metallurgical Engineering and Materials Science	
Duration of the Appointment	1 year. It can be extended for an additional year upon mutual consent.	
Job Description	The Research Associate is expected to: • Synthesize and optimize sodium layered oxide cathodes with the desired microstructure. • Develop and optimize prototype Na-ion full cells with identified layered oxides as the positive electrode and commercial hard carbon as the negative electrode. • Carry out comprehensive structural and electrochemical characterization, including GCD cycling, CV, EIS, and operando XRD measurements. • Prepare the progress report and publish research findings in peer-reviewed journals	
Essential Qualification	Ph.D. in Electrochemistry/ Physics/ Materials Science/ Chemistry/ Nanotechnology/ Chemical Engineering, or a closely related field with demonstrated experience in cathode materials for Na-ion batteries. Candidates with good publication record in the field of Li/Na-ion batteries will be given preference. Those who have submitted their PhD thesis and yet to get the degree are also eligible to apply.	
Desirable Qualification	• Experience with layered oxides synthesis and electrochemical characterization techniques. • Proven expertise in assembly, testing, and analysis of pouch-type Na-ion full cells. • Excellent research publications in the field of Li/Na-ion battery materials. • Good communication skills and a strong command of spoken & written English.	
Age Limit	Maximum 32 Years	
Fellowship Details	Rs. 58,000/- per month + HRA (if applicable).	
Date of Interview	12-11-2026	

Last Date of Applications	- Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification, PhD Degree Certificates, Marks Sheets, Date of Birth Proof Certificate in a single PDF file to sunil@iiti.ac.in with a subject line "<i>Application for Research Associate - [Your Name]</i>" before 06-11-2026. - You are requested to send pdf copies of two (maximum) of your published research papers that demonstrate your research experience relevant to the advertised position.
- 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. - IIT Indore reserves the right not to fill the position if suitable candidates are not found.	