

Apply for the Research Associate position

Electrochemical Energy Storage (EES) Lab, Department of Chemistry, IIT Hyderabad
Supervisor: Prof. Surendra Kumar Martha

Applications are invited for the Research Associate position within a project funded by Anusandhan National Research Foundation (ANRF)-MAHA EV at the Department of Chemistry, IIT Hyderabad

About the Position

The EES Lab at IIT Hyderabad seeks highly motivated research associates/postdoctoral fellows to work on cutting-edge **Sodium-ion battery technology**. The role will be **primarily experimental**, with a strong focus on:

- Process development for Sodium-ion battery cathodes and anodes, structural and Physical characterizations
- Electrode manufacturing technique, Full-cell assembly, and pouch-cell fabrication
- Performance testing, electrochemical evaluation, and postmortem analysis
- Scale-up materials synthesis approach based on the best electrochemical performance

This position offers a unique opportunity to contribute to **next-generation Sodium-ion battery research** with potential translational impact.

Essential Qualifications

- **Ph.D. in *Chemistry / Materials Science & Engineering***
- Doctoral research focused on **energy storage devices (Li/Na-ion batteries)**
- **Hands-on expertise in:**
 - Scalable synthesis and manufacturing methods
 - Electrode preparation
 - Full-cell fabrication, including **pouch-cell assembly**
- Proven research excellence with a minimum of 6 first-author publications

Age limit: 35 years (can be relaxed based on applicant's experience and provisions)


Appointment period: 12 Months (extendable based on performance)

Salary & Benefits

- As per **DST norms: ₹58,000 – 67,000 + 30% HRA**
- Access to **state-of-the-art facilities** and a collaborative research environment

Important Dates

-  **Application deadline:** October 5, 2025

-  **Online interviews:** October 15–25, 2025 (tentative)
-  **Likely joining:** First week of November 2025

How to Apply

Interested candidates should send their **CV, list of publications, and a brief research statement, a Cover letter describing the background and how it will help to pursue this project** to the following email address: martha@chy.iith.ac.in (Subject: Application for Research Associate position on SIBs)