



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Kandi, Sanga Reddy (Dist.) Telangana (State)- 502 284

Advertisement for the posts of Two (2) Post-Doctoral Fellow in the CARBON Lab

August 25, 2026

Applications are invited for time-bound Project Appointments under the following project.

Title of the Project	Project 1: Development and Demonstration of Materials and Fabrication Technologies for Tropical Batteries Project 2: Conversion of Low-grade Coal into Graphitic Carbon for Li-ion batteries; Pouch Cell Demonstration
PI	Prof. Chandra Shekhar Sharma
Department	Chemical Engineering
Post	Post-Doctoral Fellow
Funding Agency	ANRF, Coal India Limited
Fellowship	Rs. 58,000/61,000/67,000 per month + 30% HRA as per DST norms based on post-PhD experience
Duration	1 year, It can be extended further based on performance
Last Date to Apply	9 th September 2026
Minimum Qualifications	Ph. D. in Chemical Engineering/ Material Science/ Chemistry/ Physics
Desirable Qualifications	Desirable expertise: ○ Project 1: Strong expertise in Li-S battery chemistry, working mechanism, and electrochemical testing ○ Project 2: Strong expertise in Li-ion battery chemistry, coal-processing, and electrochemical testing Desirable skills: ○ Strong expertise in designing electrode materials and conducting experiments ○ Expertise in material characterization and electrochemical studies ○ Good understanding of battery working, electrode design, coin-cell & pouch cell fabrication, testing, material upscaling, and translational research ○ Prior experience or interest in translational battery research would be an added advantage

Application Process:

a) Eligible applicants should send the following documents by email to carbonlabiith@gmail.com

1. Latest CV with the name and contact addresses of at least 2 referees
2. Ph. D. Thesis abstract

The subject of the email should be: ***Application for Post-doctoral Fellow_CARBON Lab***

Selection Process:

- The PI will evaluate and shortlist the applications.
- Shortlisted candidates will only be called for an online interview. Shortlisted candidates will be informed by email about the interview date and time.
- Tentative date for the interview is the 4th week of September 2026
- Candidates with prior relevant experience will be given preference. Joining will be immediately after selection.
- The selection committee will recommend the final candidate based on eligibility and suitability for the advertised position.
- The position will be kept open if no suitable candidate is found.



Prof. Chandra Shekhar Sharma

Creative & Advanced Research Based On Nanomaterials (CARBON) Laboratory

Head, Department of Chemical Engineering,

Indian Institute of Technology, Hyderabad

Kandi, Sangareddy-502284 (Telangana) India

Phone: +91-40-2301 6208

Fax: +91-40-2301 6003

Email: cssharma@che.iith.ac.in, chans2k2@gmail.com