

Positions Open in Various Grant-in-aid R&D Projects (DST-ANRF, CLEANZ Centre of Excellence from Coal India Limited)

Research Associate (Postdoctoral Fellow)

Essential Qualifications:

✓ Ph.D. in Chemical Engg./Materials Science & Engg./Chemistry/Physics with thesis topic related to energy storage devices (Li-ion batteries; Metal-S batteries and/or supercapacitors) with hands on experience in synthesis and characterization of electrodes, cell assembly set up, Handling of various equipment (e.g. Glove box, furnaces, FESEM, TEM, XRD, Raman spectroscopy, SAXS, FTIR, TGA is preferred).

✓ Minimum 5 First author publications in Q1 journals

✓ **Salary:** As per DST norms (58,000-67,000 INR + 30% HRA)

Project Associate

Essential Qualifications:

✓ M.Tech. in Chemical Engg./Materials Sci. & Engg. with M.Tech. Project related to energy storage devices (Li-ion batteries; Metal-S batteries and/or supercapacitors) with hands on experience in synthesis and characterization of electrodes.

✓ Minimum 1 publication in Q1 journal (GATE/NET qualification is preferred)

✓ **Salary:** As per DST norms (28,000-35,000 INR + 30% HRA)

Project Assistant

Essential Qualifications:

✓ Graduation in any discipline with 1st class (Desirable: MCA/MBA)

✓ Minimum 2 years of work experience with any Govt. organization in recruitment/HR/procurement/administration/Finance & accounts etc.

✓ Computer proficiency (MS office/Excel/PowerPoint) is must

✓ Use of AI tools including ChatGPT is desirable for emailing.

✓ **Salary:** 27,000 INR plus 30% HRA



Research Associate (Postdoctoral Fellow)

Essential Qualifications:

✓ Ph.D. in Chemical Engg./Materials Science & Engg./Chemistry/Physics with thesis topic related to energy storage devices (Li-ion batteries; Metal-S batteries and/or supercapacitors) with experience in DFT Simulations using Gaussian/VASP/Quantum ESPRESSO, preferably for Energy storage, Gas sensing areas

✓ Minimum 4 First author publications in Q1 journals

✓ **Salary:** As per DST norms (58,000-67,000 INR + 30% HRA)

❑ Last date to submit application by email (carbonlabiith@gmail.com): August 11, 2025

❑ Shortlisted candidates will be called for online interviews (Tentatively Aug. 18-25, 2025).

❑ Likely date of joining: First week of September 2025



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भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad