

Institute of Chemical Technology
(University under section 3 of UGC Act-1956)
Elite Status & Centre of Excellence – Government of Maharashtra
NBA Accredited ‘A’ Grade by MHRD, University Par Excellence
Matunga, Mumbai 400 019

Date: 31/01/2026

Advertisement

Applications are invited for the posts JRF on a sponsored project, “Design and Development of Battery”, under Dr. R.V. Pinjari and Dr. D.V. Pinjari for a period of one year or till completion of the project. It can be extended further based on performance and until the completion of the project.

Sr. No.	Particulars	Details
1.	Post:	Research Scientist (Post Doctoral)
	No. of Posts:	01 (One)
	Eligibility:	Ph.D. in Materials Science, Chemical Engineering, Chemistry, Electrochemistry, or a related field. (The candidates who submitted the thesis/synopsis can also apply.)
	Desired Qualifications:	<ul style="list-style-type: none">• Hands-on experience with battery materials synthesis, characterization, and electrochemical testing (e.g., cyclic voltammetry, impedance spectroscopy, charge-discharge cycling).• Ability to analyze complex electrochemical data and relate material properties to battery performance.• Expertise in techniques such as SEM, TEM, XRD, XPS, and Raman spectroscopy.• Familiarity with various battery manufacturing techniques, including electrode preparation.• Proficiency in designing and executing experiments, as well as operating and maintaining laboratory equipment.• <i>Skills like problem-solving, critical thinking, ability to work independently, preparing reports, and managing projects.</i>• Excellent communication and teamwork skills.• Evidence of research productivity through publications in peer-reviewed journals.
Remuneration:	<ul style="list-style-type: none">• Ph.D. Thesis submitted: ₹55,000/- per month (consolidated).• Ph.D. awarded: ₹65,000/- per month (consolidated).• May be increased based on the performance.	

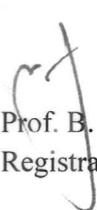
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2.	Post:	Junior Research Fellow (JRF)
	No. of Posts:	02 (TWO)
	Eligibility:	M.Sc. (Chemistry/Material Science), OR M. Tech. (Chemical Eng./Chemical Technology/Polymer etc.) (The candidates who submitted the thesis are also eligible to apply.)
	Desired Qualifications:	Any of the following or related: <ul style="list-style-type: none"> • A strong foundation in the fundamental principles of battery and electrochemical processes. Preparation and study of the electrodes/electroplating/electrolytes. • Analysis of data obtained from techniques such as SEM, TEM, XRD, XPS, and Raman spectroscopy. • Knowledge of designing batteries (or any other reactors, etc.), their drawings, 3D models and CFD simulations. • Other relevant area related to battery technology.
	Remuneration:	₹30,000/- per month (consolidated).

The selected candidate will be encouraged to register for the PhD program in accordance with ICT norms, under the guidance of the Principal Investigators of this Project. Interested candidates should apply online using the following link <https://forms.gle/5tGXCXPVAJtUAuQs7> till 15th February 2026. Only shortlisted candidates will receive further communication via email.

The interviews of the shortlisted candidates will be held on 22nd February 2026, in ICT. The committee's recommendation will be final.

The candidate will be appointed initially for 6 months, and the tenure may be extended based on performance for the subsequent period. All appointments will be terminated by the end of the project. **No TA/DA will be provided to appear for this interview.**


Prof. B. F. Jogi
Registrar