

Applications Invited for Post-Doctoral Research Fellowship

Position – Research Associate in ‘Anti-Glaucoma Dual Drug Formulation’ ICMR Project

Type of Position – The position is for 11 months, with an extension subject to performance through a review process.

Fellowship – Consolidated pay Rs. 72,800/- per month (including HRA) based on post-doc experience

Experience – Ph.D. (Degree Completed) with minimum 1 year postdoc experience

Eligibility –

- Ph.D. in Chemical Engg
- Extensive experience with ‘Computational Studies on Molecular Dynamics in Polymer Domain’ research (mandatory).
- Publications in Scopus indexed journals will have an added advantage.
- Candidates who have previous experience in designing and developing experimental &/or computational setups are preferred
- The candidate should have good academic records throughout and good writing/communication skills.
- Candidates should not have published in Predatory Journals.

Job Description –

- Support in research & development computational aspects in Drug-Polymer formulations
- Computational exploration in the area of Drug delivery and formulations
- Working both solo and with a team
- Technical analysis, computational and other facility creation, smooth project execution within the timelines and related activities.
- Report preparation, article/patent writing and lab management, implementation at TRL5/6 level
- Possible involvement any other related topics under the same lab

Performance Matrices –

- IP generated, papers published, working solo and as a team member, project administration-execution-coordination, performance review

Expected Outcomes – IP, publications, Scalable Technology

Domain Areas of Interest Include –

1. Molecular Dynamics
2. Polymer-Drug Formulation & Molecular Interactions

How To Apply –

- Candidates, who fulfill the eligibility criteria, should apply through email to saptarshi@che.iith.ac.in by **5:00 pm, 30.05.2026** mandatorily with a subject 'Postdoc Application in ICMR Project: Anti-Glaucoma Drug-Polymer Formulation' [Email should contain the following: a> Application, b> Brief CV [max 4 pages] with educational qualifications, research domains, Ph.D topic & short abstract (max. 200 words), publication references, Google scholar link (preferred), 2 References for Recommendation Purposes (if need arises)]

Selection Procedure –

- Candidates will be shortlisted based on their eligibility criteria, academic record, and relevant experience.
- Only shortlisted candidates will be intimated through email for the interview by the selection committee
- Merely meeting the criteria may not guarantee a call for an interview
- The position will be left vacant and a new advertisement with an extended date will be given if no suitable candidate is found.

Other criteria –

- Accommodation will not be provided by CLEANZ
- Accommodation in IIT HYDERABAD will be subjected to availability (without HRA component as per norms).
- Please note that the position is on-site & within IIT Hyderabad campus.