

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF CHEMICAL ENGINEERING**

Dated: 10/12/2025

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal Investigator (Prof. Vimal Kumar), Department of Chemical Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: **Ultrasonication irradiation assisted controlled, synthesis of nano-sized LiMPO_4 (M=Fe, Co, Mn and Ni) for high-rate Lithium-ion battery**
 2. Sponsor of the project: **ANRF (SERB), DST. Govt.**
 3. Project position(s) and number: **Junior Research Fellow (ONE)**
 4. Qualifications: **B.Tech / M.Tech, M.Sc or equivalent in Chemical Engineering / Chemical Technology / Applied Discipline in Engineering and Science with GATE.**
 5. Emoluments: **37000/- (as per the institute norms)**
 6. Duration: **1 Year 3 months (till the end of the project, March 2027)**
 7. Job description: **Design and Fabrication of experimental set-up and perform extensive experiments and analysis; and techno-administrative work related to the project**
 8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 9. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email or produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/ certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/ certificate and experience certificate.
 10. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 11. Preference will be given to SC/ST candidates on equal qualifications and experience.
 12. Please note that no TA/DA is admissible for attending the interview.
- Note: The Selected candidate may get an opportunity for PhD admission**

Last date for application submission: **December 31st 2025 by 5:00 PM by email** (vimal.kumar@ch.iitr.ac.in)

Name and signature of Principal Investigator

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved

Dean

Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

10/12/2025

10/12/25