

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated: 26/10/2026

Applications are invited from Indian nationals only for project position(s) as per the details given below for the **research** project(s) under the Principal investigator **Prof. Kaushik Pal**, Deptt./Centre of **Mechanical & Industrial Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : Bridging Innovation and Industry: Commercialization of Low-Temperature Sodium-Ion Batteries
2. Sponsor of the project : IUSSTF
3. Project position(s) and number : JRF (1)
4. Qualifications (Eligibility) : Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
 - a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
 - b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MOE, ICAR, ICMR, IIT, IISC, IISER, NISER etc.
- Desirable Qualifications : B.Tech /M.Tech/ M.Sc. (in Material Science/Metallurgy and Materials Engg./Polymer Tech. or Engg./Nanosci. & Nanotech./ Mechanical Engg/ Chemical Engg./Chemistry/ Physics/ Applied Physics/ Applied Science/ E&I/ Instrumentation and Control/Energy Science) with valid/qualified GATE/NET rank. (Candidates must have knowledge of electrochemical studies related to battery and nanocomposite material synthesis)
5. Emoluments : Rs. 37000
6. Duration : 1 Years 9 Months
7. Job description : Experimental Studies on composite material synthesis and characterization, electrode preparation and full coin/pouch cell fabrication, and any other work assigned by PI from time to time. It is desirable to have (i) proficiency in nanomaterial and polymer synthesis, modification, and nanocomposite preparation; (ii) experience in material characterization and electrochemical testing of full cells;

(iii) writing skills for technical papers and PPT presentations.

8. The selected candidate may get an opportunity for PhD admission.

9. Terms & Conditions:

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents through email by 10/11/2026:
 - CV
 - Degree Certificates
 - Experience Certificates
 - Publications
 - Aadhar Card
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is **10/11/2026** by **11:59 PM**.

If selected, the candidate will be joining the position **as soon as possible**.

Please submit your application via email to: **kaushik@me.iitr.ac.in**

Tel: 9458165781

Prof. Kaushik Pal
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Signature of Dean SRIC


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