

SRIC/06

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Centre for Nanotechnology)**

Dated: 27-06-2025

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 (Name: **Dr. U. Rajesh Kumar**), **Centre for Nanotechnology**, Indian Institute of Technology, Roorkee.

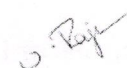
1. **Title of project:** "Cost-effective, Scalable and Reproducible 2D hybrid Perovskites for High-Efficient Transistor and Photodetector Technologies"
2. **Sponsor of the project:** ANRF-PMECRG
3. **Project position(s) and number:** Junior Research Fellow (ONE)
4. **Qualifications:** First class in M.Sc./M.Tech/M.S.(Research) in Chemistry/Physics/Materials Science and Engineering /Nanoscience/Nanotechnology with valid GATE/CSIR-NET.
5. **Emoluments:** (Rs. 37,000/-per month for the first two years and Rs. 42,000/-per month for the third year) +HRA, as per norms.
6. **Duration:** 36 Months (3 Years)
7. **Job description:** Synthesis, characterization of 2D single crystal perovskites and their device fabrications for the high efficient transistor and photodetector applications.
 - Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 - Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
 - (i). Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - (ii). Experience including research, industrial field and others.
 - (iii). Attested copies of degree/certificate and experience certificate.
 - Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 - Preference will be given to SC/ST candidates on equal qualifications and experience.
 - **Please note that no TA/DA is admissible for attending the interview.**

Note: The selected candidate may get an opportunity for PhD admission.

The last date for application to be submitted to office of Principal Investigator is **18th July, 2025 by 12 PM**. Please email the application to urajesh@nt.iitr.ac.in / urajeshiitr@gmail.com. Shortlisted candidates will be intimated about the interview date and interviewed separately.

Name and signature of Principal Investigator: Dr. U. Rajesh Kumar

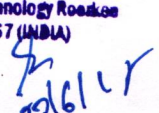
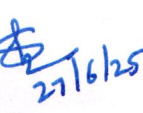
Email: urajesh@nt.iitr.ac.in / urajeshiitr@gmail.com
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Dr. U Rajesh Kumar
Assist. Professor
Centre for Nanotechnology
IIT Roorkee

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

APPROVED


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