

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ELECTRONICS AND COMMUNICATIONS ENGINEERING

Date: 10/06/2025

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 research project under the Principal Investigator **Dr. Ashish Kumar Chowdhary**, Department of **Electronics and Communications Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project: Tailoring Broadband Metamaterial Absorbers for Ultra-High Resolution Imaging at Terahertz Frequencies
 2. Sponsor of the project: ANRF
 3. Project position(s) and number: Junior Research Fellow (JRF): 01 (one position)
 4. Qualifications:
 - (a) B.E/B.Tech/M.Sc. in Electronics & Comm. / Electrical Engg. / Physics with CGPA of 7.5 or above (with GATE/UGC-NET)
OR
 - (b) M.E/M.Tech in Microelectronics / Photonics / RF with CGPA of 7.0 or above (with GATE/UGC-NET)
OR
 - (c) B.E/B.Tech/M.Sc. in Electronics & Comm. / Electrical Engg. / Physics from CFTI with CGPA of 8.0 or above (without GATE/UGC NET).
 5. Emoluments: 37000-42000 INR p/m + HRA + Medical Facility (or as per DST norms)
 6. Duration: 3 years or up to project duration, whichever is minimum.
 7. Job description: Ideal candidates will possess a strong academic background in Electronics, Electrical Engineering, Physics, or related fields. Experience with simulation tools like COMSOL, CST, or Lumerical, along with exposure to fabrication and characterization tools such as e-beam evaporation, RF sputtering, photolithography, UV-VIS-NIR / THz spectroscopy, SEM imaging, etc., will be preferred.
- A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 - B. 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 the 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.
 - C. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 - D. Preference will be given to SC/ST candidates on equal qualifications and experience.
 - E. 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 following emails of Principal Investigator is **17/06/2025**, by **5 PM**. The interview date will be conveyed after shortlisting. Please mention project title in subject of the email.

Tel: 033 228 5240

Email: ashish.chowdhary@ece.iitr.ac.in

Ashish Kumar Chowdhary

Dr. Ashish Kumar Chowdhary
(Principal Investigator)**APPROVED**

Dean

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12/06/25

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