

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Name of Dept./Centre)

Dated: Oct 10, 2026

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: Prof. Ekant Sharma), Dept./Centre Electronics and communication Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: Development of RIS-Assisted ISAC: Use-Case Design, Hardware Innovations, and Intelligent Algorithms
2. Sponsor of the project: ANRF, India
3. Project position(s) and number: Post-Doctoral Fellow (Research Associate-I as per DST)
4. Qualifications: Ph.D./MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal
5. Emoluments: Rs 58000 +HRA (as per institute rule)
6. Duration: 6 Months (extendable up to two years based on performance)
7. Job Description: We are inviting applications from candidates in the domain of Integrated Sensing and Communication (ISAC). The research will focus on emerging ISAC technologies for 5G-Advanced and 6G networks, including joint sensing and communication system design, waveform and signal processing, resource allocation and optimization, AI/ML-driven ISAC algorithms, and performance analysis of sensing-communication trade-offs. The selected candidate will be part of an active research team working on cutting-edge ISAC solutions with strong potential for real-world applications and direct industry relevance.

Note:

- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- 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.

The walk-in interview will be held on 21th Oct, 2026 at 11:00 AM (ECE Department, Room No. W2018B).

Tel: +91-1332-284973

**Name and signature of Principal Investigator
(Ekant Sharma)**

Email: ekant@ece.iitr.ac.in

डॉ० एकान्त शर्मा / Dr. Ekant Sharma
सहायक प्राध्यापक / Assistant Professor
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*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

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