

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Electronics and Communications Engineering)

Dated: 06/10/2025

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. Anshul Jaiswal**), Department of **Electronics and Communications Engineering** Indian Institute of Technology, Roorkee.

1. Project title: **Towards Trusted-Node-Free Hybrid Quantum Secure Communication Networks**
2. Sponsor of the project: **NQM, DST**
3. Project position(s) and number: **Junior Research Fellow (JRF)/ 02 no., and Research Associate / 01 no.**

Position	No.	Minimum Qualifications	Monthly Emoluments	Job Description
Junior Research Fellow	2	i) M.E/M Tech. in EE/EC/Physics or equivalent with CGPA ≥ 6.0 ; or B.E./B.Tech. in ECE or equivalent with CGPA ≥ 7.5 (out of 10.0)* ii) Qualified national level test (GATE/NET/etc.) or a degree from a CFTI	37,000/- +HRA for 2 years; 42,000+HRA, after 2 years	Development of an optical wireless communication system integrated with Quantum Key Distribution (QKD) and preparation of project-related documentation

**The candidate should possess a good understanding of the fundamentals of Digital Communication, Information Theory, and Probability Theory.*

4. Duration: Two years initially then may extend up to Project Duration until March 2031.
5. Eligible candidates should submit their applications with the **detailed CV, copies of degree/certificates** to the office of Principal Investigator **through email (anshul.jaiswal@ece.iitr.ac.in)**.
6. Preference will be given to SC/ST candidates on equal qualifications and experience.

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

It will be a rolling advertisement until the positions are filled. The first deadline for application to be **submitted to the following email** of Principal Investigator is **15/11/2025**, by 11:59 PM.

Email: - **anshul.jaiswal@ece.iitr.ac.in** Tel: **+911332284929**.

Website: <https://www.iitr.ac.in/anshul/>

Anshul Jaiswal
29/09/2025

Dr. Anshul Jaiswal (PI)

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

Sponsored Research & Industrial Consultancy
Indian Institute of Technology
Roorkee-241007

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