SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Electronics and Communications Engineering) Dated: 01/09/2026

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: **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** (NQM-2572-ECD-CNA/24-25 and NQM-2571-ECD-CNA/24-25)
3. Project position(s) and number: **Junior Research Fellow (JRF)/ 01 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/CS or equivalent with CGPA >= 6.0; **or** B.E./B.Tech. in ECE, CSE, or equivalent with CGPA >= 7.5 (out of 10.0); **or** M.Sc./MCA in Physics/ Instrumentation/ Electronics/ Computer Science& Engineering or Equivalent with CGPA>=7.5. 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 FPGA prototyping for quantum-noise transceiver, QKD, quantum routing, software development; project report, and other docs preparation • Software development for quantum key distribution network Key management, field-deployed quantum networks, ETSI interface, and project report preparation
Research Associate	1	PhD in EE/EC/CS/Physics/eqv. or 3 years' experience after M. Tech. in relevant domain	58,000/- + HRA for 2 years; then 61000 +HRA	Quantum Key Distribution and Routing experimental testbed setup, software, project work report, and budget docs preparation

4. Duration: Two years initially then may extend up to Project Duration until March 2031.
5. Eligible candidates should submit their applications with a **detailed CV, copies of degree/certificates** to the office of Principal Investigator **through email** or produce them at the time of the Interview.
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 **30/09/2026**, by 5 PM.

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

Anshul Jaiswal 02/09/2026

Dr. Ansul Jaiswal (PI)

APPROVED

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

3/9/26

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