

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Physics)

Dated: 19-08-2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project positions as per the details given below for the consultancy/research project under the Principal Investigator Prof. Rajesh Kumar, Department of Physics, Indian Institute of Technology, Roorkee.

1. **Title of project:** RASPAC [Reconfigurable and scalable photonic qubit architecture for quantum computing heterogeneous and monolithic approaches]-RK
2. **Sponsor of the project:** T-Hub, IIT Delhi under NQM Scheme by DST, New Delhi
3. **Project position and number:** Project Consultant (1)
4. **Emoluments:** uptill Rs.1,31,250 plus + HRA (currently @ 10 %)

Post	Qualification	Duration	Job Description
Project Consultant	Ph.D. degree in Science/Engineering/Engineering Science or equivalent. Minimum four years of research experience or industry experience or both with focus on electronics or integrated photonics work or both. It is desirable to have experience in the area of silicon photonics and proven track record with publications or patents or both.	Till 31 march 2031 or till the end of the project (Whichever is earlier)	Project consultant is required to set up new experimental setups, Installation of different equipment, Assisting the MPI in (a) smooth running of the project by owning responsibility about aims/objectives of the project , (b) follow-up work on the challenges that may emerge during the project implementation , (c) Co-supervision of PG/UG thesis and intern students working in the area aligned with the project RASPAC and (d) Taking initiatives for setting up of the start-up company from the outcomes of the project goals of RASPAC.

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator either by post, by email to the PI's email address (rajesh.kumar@ph.iitr.ac.in),
 - 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.
3. Candidates must bring their original degrees/certificates and experience certificates for verification at the time of the interview.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.
6. The last date for applications to be submitted to the office of the Principal Investigator is **19th September 2026**, by **05:00PM**.
7. The interview will be held in the Seminar Room, Department of Physics, IITR; and the schedule will be notified to shortlisted candidate(s).

Tel:01332-28-4869

Email: rajesh.kumar@ph.iitr.ac.in



Prof. Rajesh Kumar
**Name and signature
of Principal Investigator**

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