

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
(Department of Physics)

Dated: 09-12-2025

**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. Anirban Mitra, 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]-AnM
2. Sponsor of the project: T-Hub, IIT Delhi under NQM Scheme by DST, New Delhi
3. Project positions and number: Project Fellow (1)
4. Emoluments: Rs. 1,00,000 per month plus HRA@10%.

Post	Qualification	Duration	Job Description
Project Fellow (1)	<ul style="list-style-type: none"> <li>• Ph.D. <del>in</del> degree in Science/Engineering/Engineering Science or equivalent.</li> <li>• Two years of experience in research/teaching or in electronics/photonics industry and having at least one SCI journal paper or at least one granted patent.</li> <li>• It is desirable that applicant has integrated photonics related research experience in computational/fabrication/experimental or a combination of these areas.</li> </ul>	Till 31 <sup>st</sup> march 2031 or till the end of the project whichever is earlier	Project Fellow is supposed to work on integrated quantum silicon photonic devices and will involve combination of at least two of the following: computational/fabrication/experimental work. Additionally, Project fellow will be required to do any research/startup related work that aligns with the goals of the project.

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 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.
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.

The Walk-in interview will be held in the Seminar Room, Department of Physics, on December 18, 2025, at 10 AM.

Tel: 01332-28-5652

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

Approved  
Dean

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