

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Physics)

Dated: 20-04-2026

ADVERTISEMENT TO FILL UP PROJECT POSITION

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

1. Title of project: **Investigations on Mid-Infra-Red Phase Change Material Enabled Thermo-optic Ultra-small Photonic Switches[IMPETUS]**
2. Sponsor of the project: SERB, New Delhi
3. Project positions and number: SRF (1)
4. Qualifications: M.Sc. in Physics/ Applied Physics/ Electronics/Electronic Sciences/, or M.Tech/ME in /Photonics/Optoelectronics/ Optoelectronics and Laser technology /Optoelectronics and-Optical Communications or B.Tech/B.E in Engineering Physics/ Electronics and Communications or equivalent . Applicant must have qualified NET/GATE.
5. Experience: Minimum 2 Years of experience required at JRF or equivalent level if candidate has only M.Sc/B.Tech./BE degree.
6. Emoluments: 35000+HRA (As Per Institute Rules)
7. Duration: Up till 15.03.2027
8. Job description: to carry out research work related to the project, focused on 'Mid-Infra-Red Phase Change Material Enabled Thermo-optic Ultra-small Photonic Switches'

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 April 29, 2026, at 4 PM.

Tel:01332-28-4869

Fax:

RAJESH KUMAR
Name and signature
of Principal Investigator

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

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

Approved
Dean
Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

Rajesh Kumar
20/4/2026

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