

Department of Chemistry
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, India

Advt. No: Chemistry/PDF/25-26/1

Date: 26 November 2025

ADVERTISEMENT FOR POST-DOCTORAL FELLOWSHIP POSITION

The Department of Chemistry at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for postdoctoral position under the mentorship of **Dr. Ravindra Pandey** focused on “**Probing the Complex Mechanism of pH-low Insertion Peptides in a Model Cell Membranes Using Sum Frequency Generation Spectroscopy**”

The prospective candidate is expected to have a strong background in Physical Chemistry and will explore the complex protein membrane interactions using interface specific sum frequency generation spectroscopy and transient absorption spectroscopy.

Last date for the submission of application is 15th Jan 2026.

Minimum Qualification and Experience: Ph.D. in Physical Chemistry/Physics with experience of Laser Spectroscopy, and transient absorption spectroscopy.

Candidates who have recently submitted their thesis are also eligible to apply subject to the condition that they will furnish the proof of the award of Ph.D. degree at the time of interview at IIT Roorkee, if shortlisted.

Duration and Fellowship amount:

The duration of the fellowship will be of eleven months. The candidate is expected to join the Department as soon as offer letter has been released. The fellow will receive a consolidated fellowship of Rs 80,000/- per month in addition to the contingency grant of 50,000/-per annum.

Note: Post-doctoral Fellows will be registered as students and may avail facilities of library, computer center, available hospital facilities etc. They will be entitled to 2.5 days of leave per completed calendar month. PDF positions are purely temporary.

How to Apply:

Candidates can apply with cover letter, curriculum vitae, list of publications (with the most significant publications highlighted), research statement describing past research and plans for future research in the context of the title of project by e-mail, to:

Department of Chemistry,
Indian Institute of Technology Roorkee
Roorkee - 247667
Uttarakhand
INDIA

Email: rpandey@cy.iitr.ac.in (and copy to chemt@iitr.ac.in)

Phone: +91-1332-2855522(office)