

ST

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Biosciences and Bioengineering)

Dated: 12 Feb, 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 research project under the principal investigator (Name: **Prof. Ranjana Pathania**), Department of Biosciences and Bioengineering, Indian Institute of Technology, Roorkee.

1. Title of project: **Synthetic lethal interaction screening for discovery of novel *Acinetobacter baumannii* L,D-transpeptidase (LdtJ) inhibitors (SLiDNALI)**
2. Sponsor of the project: **Indian Council of Medical Research, New Delhi (ICMR)**
3. Project position(s) and number: **Project Research Scientist (Non-Medical) – 1 Position**
4. Qualifications: Essential: **Post-graduate degree in Microbiology/Biotechnology/Life Sciences with at least two years of expertise in antibacterial drug discovery using chemical genetics**

Desirable: **Candidates having Ph.D. degree awarded in the field of Microbiology/Biotechnology with prior knowledge and expertise in cell wall catalyzing enzymes of bacteria and expertise in molecular biology techniques, analytical chemistry and Docking analysis will be preferred**

5. Emoluments; **₹56,000/- per month + HRA**
6. Duration: **One year, extendable up to the project duration based on assessment of performance.**
7. Job description: To develop experiments on inhibitor screening against cell wall proteins, Genetic manipulations, molecular cloning, protein purification and biochemical assays. Animal handling, conduct experiments in animal models.

Application Instructions:

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 produce the following documents along with their applications at the time of 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. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
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 committee room, department of Biosciences and Bioengineering on 5 March, 2026 at 03:00pm.

Approved

Prof. Ranjana Pathania
 Principal Investigator
 Dept. of Biosciences and Bioengineering
 IIT Roorkee

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

Ranjan
 12/2/2026

12/2/2026