

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Dept. of Biosciences and Bioengineering

Dated: 29th September 2025

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

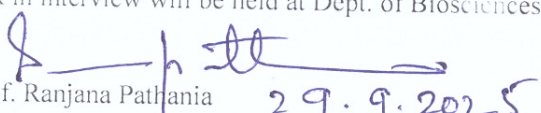
Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the principal investigator **Prof. Ranjana Pathania**, Dept. Biosciences and Bioengineering, Indian Institute of Technology, Roorkee.

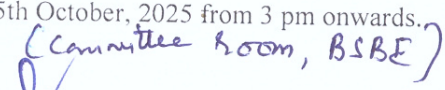
1. Title of project; **Exploring niche-specific marine actinobacteria: Uncovering novel antibiotics from rare *Actinobacteria***
2. Sponsor of the project; **Ministry of Earth Sciences (MoES), Government of India**
3. Project position(s) and number; **Post-Doctoral Fellow (PDF) – 1 Position**
4. Qualifications; **The candidate should hold a Ph.D. in Biotechnology, Biochemistry, or Molecular Microbiology, with first-class in the preceding degree. Preference will be given to candidates with expertise in antibacterial drug discovery, metagenomics, or microbial taxonomy. Prior publications in related research areas will be considered an advantage.**
5. Emoluments; **₹67,000/- per month + 8% HRA**
6. Duration; **One year, extendable up to the project duration based on performance.**
7. Job description; **The candidate will work on the discovery of novel antibacterials from marine *Actinomycetes*, including the isolation, identification, and characterization of bioactive strains, screening for antimicrobial activity under stress conditions, and testing supernatants against target pathogens.**

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 submit their applications with the following documents to the office of Principal Investigator through email, by post or produce 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 at Dept. of Biosciences and Bioengineering on 15th October, 2025 from 3 pm onwards.


 Prof. Ranjana Pathania
 Principal investigator
 Dept. Biosciences and Bioengineering
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 IIT Roorkee


 (Committee Room, BSBE)
 Professor and Head
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