

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

Dated: 22.09.2025

**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 (Name: **Prof. Saugata Hazra**), Dept./Centre Biosciences and Bioengineering, Indian Institute of Technology, Roorkee.

1. **Title of project:** Development and Clinical Validation of an Artificial Intelligence-empowered antibiotic susceptibility device towards optimizing antimicrobial therapy regimen in leukaemia and bone marrow transplant patients.
2. **Sponsor of the project:** ICMR, New Delhi
3. **Project position(s) and number:** Project Assistant (one)
4. **Qualifications:**  
**Essential:** M.Sc. in any branch of life sciences with hands-on experience in microbiology research.  
**Desirable:** Hands-on experience in genomic DNA and plasmid DNA isolation, and basic knowledge in genome data analysis. A publication relevant to the genome research field would be greatly preferred.
5. **Emoluments:** 30,600/- p.m. (Consolidated)
6. **Duration:** Two years, extendable to another year
7. **Job description:**
  - i. Collection of MDR bacteria from hospitals
  - ii. Isolation of genomic and plasmid DNA
  - iii. Sending DNA samples for sequencing and genome data analysis
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 the Principal Investigator through email, by post or produce them at the time of the Interview:
  - Application in plain paper with a detailed CV including a chronological discipline of the degrees/certificates obtained.
  - Experience including research, industrial field and others.
  - Attested copies of the degree/certificate and the 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 interview will be held on 14/10/2025 at the New Biotechnology Building, IIT Roorkee from 10:30 am.

Tel: 8171064462

Fax: NA

Email: saugata.iitk@gmail.com

*Saugata Hazra*  
Name and signature  
of Principal Investigator  
22/09/2025

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

**Approved**  
 Dean (SIC) (Dean SRIC)  
 भा. प्रौ. सं. रुड़की/IIT Roorkee  
 22/09/25