SRIC/06

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

Dated: 27.10.2026

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 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 validation of an automated Beta-lactamase sentinel device for rapid environmental AMR surveillance"
2. **Sponsor of the project:** CCAMP, Bangalore
3. **Project position(s) and number:** Project Assistant (01)
4. **Qualifications:**

   Essential: 1. First-class postgraduate degree in Computer Science, Mathematics, Physics or a related quantitative field

   2. Proficiency in at least one programming language; Python/R is preferred.

   Desirable: Experience building end-to-end data and ML pipelines. Experience working on HPC clusters and managing large-scale computational jobs. Hands-on experience applying ML/AI methods to biomedical data, particularly image data. A track record of collaborative research, such as contributions to peer-reviewed publications and workshop papers. Ability to work effectively in an interdisciplinary lab combining physics, chemistry, biology and machine learning.

   Duration: 9 months or upto 06/04/2027
5. **Job description:**

   i. Basic Microbiology Routine Work

   ii. Build custom pipelines to aggregate data from multiple sources

   iii. Apply Machine learning models to biological samples 'image data

   iv. Deploy, monitor, and maintain long-running data and AI-based pipelines

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 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.
6. Salary of the hired personnel will be Rs. 30,600 + HRA

The interview will be held at 09 AM on **16th November, 2026**, in the Committee Room of the New Biotech Building, IIT Roorkee (Walk-in Interview)

28/10/2026

Saugata Hazra

Tel: +918171064462 **Email: saugata.hazra@bt.iitr.ac.in**

Name and signature of Principal Investigator

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

Approved

Dean
Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Rookree-247667 (INDIA)

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