INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Name of Dept./Centre)

Dated: 21/05/2025

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 leukemia & bone marrow transplant patients.**

2. Sponsor of the project: **ICMR. New Delhi**

3. Project position(s) and number: **Project Assistant (One)**

4. Qualifications: **Minimum degree requirement M. Tech or M.Sc. in the branch of sciences and engineering related to computational Biology. Experience in the field of structural bioinformatics, like visualization software, modelling, docking, MD simulation and relevant analysis. Experience in programming knowledge, preferably in Python and R, proficiency in Linux would be necessary, candidate should be comfortable with various techniques and should be included in expertise.**

5. Emoluments: **Rs 30,600 per month**

6. Duration: **The duration of the fellowship will be two years. extendable for two more years or completion of the project, whichever will be earlier, if necessary.**

7. Job description: **Conduct molecular modeling, docking studies, and molecular dynamics (MD) simulations to investigate biomolecular interactions and to analyze structural data using computational tools. Collaborate effectively with interdisciplinary research teams to support ongoing projects and publications.**

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.

   Note: The selected candidate may get an opportunity for PhD admission.
   The last date for application to be submitted to office of Principal Investigator is ...4th... June...by 5 PM. 2025
   (*not applicable for walk in interview*)

   Online interview

   The interview will be held at .... on .... at ...... (to be given only for walk in interview)

   Tel: 8171064162 Fax:

   Email: saugata.hazra@bt.iitr.ac.in

   Sangata Hazra
   **Name and signature
   of Principal Investigator**

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

Approved

डीन (सिक)/(Dean SRIC)
भा॰ प्रौ॰ सं॰ रुड़की/IIT Roorkee