

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

Dated: 22.05.2026

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 evaluation of a Bioink containing human lipoaspirate derived adipocyte stem cells in silk fibroin gel for 3D bioprinting of skin-construct: an in-vivo study"
2. **Sponsor of the project:** ICMR, New Delhi
3. **Project position(s) and number:** Project Research Scientist -1(Non-Medical) (one)
4. **Qualifications:**

Essential: 1. First-class postgraduate degree in Biotechnology.

Desirable: PhD in biophysics/biochemistry with at least two first-authored research publications in a reputed peer-reviewed journal. Experience with biophysical techniques, including ITC, MST, SPR and different relevant spectroscopies. Expertise in construct design, protein engineering, cloning, protein expression, and purification. Software expertise in CCP4i2, COOT, PYMOL, and bioinformatic analysis will be desirable.

Preferred: Hands-on experience in X-ray crystallography (protein crystallization, data collection, structure determination, and refinement).

Duration: One year with possible extension of the project

5. **Job description:**

- i. Basic molecular biology, protein biochemistry, biophysics work, cloning, protein engineering
- ii. Protein purification, biophysical/ biochemical techniques

Preferred:

1. Protein crystallization and data collection
2. Structure determination

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.
The last date for submitting the application to the Principal Investigator's email (saugata.hazra@bt.iitr.ac.in) is 06th June, 2026, at 5:00 PM.

The interview will be held at 11 AM on June 10, 2026, in the Committee Room of New Biotech Building, IIT Roorkee

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

Saugata Hazra
Name and signature
of Principal Investigator
Department of Biosciences and Bioengineering
Joint Faculty Centre for Nanotechnology
Indian Institute of Technology Roorkee

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

Approved
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Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
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