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SRIC/06

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

Dated: 14/11/2025

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 (Dr. Poonam Choudhary), Department of Biosciences and Bioengineering, Indian Institute of Technology, Roorkee.

1. Title of project: Development of Sustainable and Indigenous Porcine Collagen Extraction Technology for Corneal and Bone Regeneration in Battlefield Injuries
 2. Sponsor of the project- DIA- CoE, IIT Kanpur
 3. Project position(s) and number – Project Senior Research Fellow (SRF), 01
 4. Minimum Qualifications – Postgraduate Degree in Basic Science or in Professional Course in biotechnology or life sciences related areas, with qualified CSIR UGC NET or GATE. Candidate should have at least two years of research experience in the field of biotechnology/ biochemistry or life sciences related areas.
 5. Emoluments – Rs. 42000+ 10% HRA per month
 6. Duration – 30 months
 7. Job description – The selected candidate will assist in the development of scalable processes for collagen extraction and purification. The work involves protein extraction, isolation and purification from animal derived or recombinant sources. Hands on operation and analysis using HPLC, XRD, NMR, LC-MS, UV-Vis, FTIR, SDS-PAGE, and related analytical tools. Hands on experience in bioreactor design and operation for extraction and recovery of biomolecules is desirable.
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
Candidates desiring to apply for this position should submit their applications with the documents only on the given google form link (<https://forms.gle/77bkJLTFvQJMxYYf7>)
 2. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 3. Preference will be given to SC/ST candidates on equal qualifications and experience.
 4. 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 **30 November 2025 by 5 PM.**
(not applicable for walk in interview)

Poonam

Tel: +91 -1332-285523

Dr. Poonam Choudhary

Name and signature of Principal Investigator

Email: poonamchoudhary@bt.iitr.ac.in

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

Approved

Dean

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