

## INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Name of Dept./Centre)

Dept. of Biosciences and Bioengineering

Dated: 04/09/2025

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. Krishna Mohan Poluri), Dept./Centre Biosciences and Bioengineering Indian Institute of Technology, Roorkee.

- Title of project Molecular Investigations on microplastic/nanoplastic degradation mechanism by microalgae
- Sponsor of the project Department of Biotechnology
- Project position(s) and number Research Associate (one)
- Qualifications Ph.D in Biotechnology/Biosciences with expertise in microalgae cultivation & Biochemical analysis
- Emoluments 58,000/- per month + 8% HRA
- Duration 1 year (extendable to project duration)
- Job description Microalgae cultivation, synthesis of micro/nano plastics, Degradation (MF for Mechanisms (HPLC/GC), Molecular omics (Transcriptomics, Metabolomics) for assessing Proteomics, Lipidomics molecular mechanism)

- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- 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.
- Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- Preference will be given to SC/ST candidates on equal qualifications and experience.
- 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 .....by 5 PM.  
(not applicable for walk in interview) "Walk in Interview"

The interview will be held at Committee room on 19<sup>th</sup> Sept 2025 at 10:00 AM (to be given only for walk in interview)  
Dept. of BSBE

Tel: 01332-284729  
Fax:

Email: Krishna.Poluri@bt.iitrr.ac.in

प्रो० कृष्ण मोहन पोलुरी / Prof. Krishna Mohan Poluri  
Name and signature of Principal Investigator  
Professor  
Department of Biosciences and Bioengineering  
भारतीय प्रौद्योगिकी संस्थान रुड़की / Indian Institute of Technology Roorkee  
रुड़की / Roorkee-247667 (U.K.) INDIA

\*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)

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08/09/2025

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