

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

Dated: 07/06/2024

**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. Pravindra Kumar...), Dept./Centre Biosciences and Bioengineering Indian Institute of Technology, Roorkee.

1. Title of project Structural insight into the molecular mechanism of enzymes involved in biodegradation of microplastics
2. Sponsor of the project DBT
3. Project position(s) and number Junior Research Fellow (01)
4. Qualifications Essential Qualification: M.Tech./M.Sc. degree in Biotechnology/Bioinformatics/ Life sciences or any other related areas. Candidate must be NET/GATE qualified.  
Desirable Qualifications: Candidate skilled in molecular biology or structural biology techniques (cloning, expression, protein purification, crystallization), will be preferred.
5. Emoluments Rs. 37,000 + 8% HRA
6. Duration 2 Years
7. Job description The JRF will be working on PET microplastic degradation. The candidate needs to isolate and characterise microbes, clone and express the identified genes and purify the protein. Further the candidate has to biophysically and biochemically characterise the enzymes involved in PET degradation.

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.

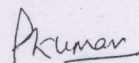
**Note: The selected candidate may get an opportunity for PhD admission.**

The last date for application to be submitted to office of Principal Investigator is 21/06/2024 by 5 PM.  
(not applicable for walk in interview)

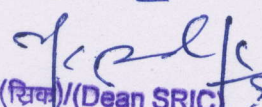
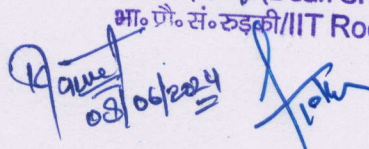
The interview will be held at ..... on ..... at ..... (to be given only for walk in interview)

Tel: 91-1332-285072 Fax:

Email: pravindra.kumar@bt.iitr.ac.in

  
Pravindra Kumar  
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 (SRIC) / (Dean SRIC) 3/6/24  
भा. प्रौ. सं. रुड़की / IIT Roorkee  
  
08/06/2024