

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
**(Dept. of Biosciences and Bioengineering)**

Dated: 29-06-23

**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. Prabhat K Mandal), Dept. of Biosciences and Bioengineering (BSBE) Indian Institute of Technology, Roorkee.

1. Title of project: Understanding Retrotransposon machinery through the delineation of the LINE1-RNP complex composition in mice germ tissue
2. Sponsor of the project: Dept. of Biotechnology, India
3. Project position(s) and number: Junior Research Fellow (JRF): 01 (One position)

Qualifications: M.Sc/M.Tech or equivalent degree with at least 60% marks in any branch of Life Sciences, Biotechnology, Biochemistry and must have qualified NET/GATE or equivalent as per DBT norms. Experience in animal handling (mice), hands on experience in cell culture and molecular biology techniques are desirable.

4. Emoluments: RS: 31000/per month plus applicable HRA as per DBT norms
5. Duration: one year
6. Job description: Purification L1 retrotransposon complex from mice germ tissues and cancer cell lines using gel filtration or affinity chromatography and characterize the complex by biochemical and molecular biology based assay. The candidate may be considered for PhD enrolment, if found suitable as per Institute norms.

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 the email id ([biotech@iitr.ac.in](mailto:biotech@iitr.ac.in) and [prabhat.mandal@bt.iitr.ac.in](mailto:prabhat.mandal@bt.iitr.ac.in)) is **18/07/23 by 5 PM.** (not applicable for walk in interview)

The interview date will be conveyed after shortlisting.

**Tel: +91-1332-286168**

**Fax:**

*Prabhat*  
Prabhat K Mandal  
Name and signature  
of Principal Investigator

**Email:** [prabhat.mandal@bt.iitr.ac.in](mailto:prabhat.mandal@bt.iitr.ac.in) or [mandal.prabhat@gmail.com](mailto:mandal.prabhat@gmail.com)

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

**APPROVED**

*Abhay Rai*  
30/6/23

डीन (SRIC)/(Dean SRIC)  
भा.प्रौ.सं.रूड़की/IIT Roorkee

*Prabhat*  
30/06/2023 29/6/23