

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF BIOSCIENCES & BIOENGINEERING**

Dated: 20/09/2025

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 research project under the Principal investigator Prof. Partha Roy, Department of Biosciences and Bioengineering, Indian Institute of Technology, Roorkee for a "Walk-in-Interview".

1. **Title of project:** Evaluation of epigenetic changes and associated functional defects in livestock fertility caused due to residual pesticides found in fodder
2. **Sponsor of the project:** Department of Biotechnology, Government of India
3. **Project position(s) and number:** Junior Research Fellow (One number)
Qualifications: Essential qualification: M.Sc in Biotechnology with valid GATE/CSIR (LS)
Desirable qualification: Candidates having prior experience in handling and culturing of mammalian cell lines, bioinformatics, handling of animals, various molecular biology techniques including cloning, like western blots, RT-PCR, immunoprecipitation assays will be preferred.
4. **Emoluments:** Rs. 31,000/- per month (consolidated)
5. **Duration:** Initially till the completion of the project (October 2026) based on availability of funds.
6. **Job description:** To assist the existing manpower working towards the analysis of serum samples, transactivation assays, analysis of microbiome from rodents and bioinformatic analysis pesticides, executing animal and cell-based experiment, maintaining regular liaison with the collaborating laboratories in various parts of India, preparing project reports.

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 **as a single PDF file:**

- Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
- 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.**

The interview will be held at **Biosciences and Bioengineering Department on November 06, 2025 at 11.00 AM onwards in the Faculty Room of the Department.** The candidate has to come prepared to stay long almost the entire day.

Partha Roy

24/10/2025

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Name and signature PI

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*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)
भा. प्रौ. सं. रुड़की/IIT Roorkee

25/10/2025