

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

Dated: 03/02/2026

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: **Dr. Rajesh Kumar**), Dept./Centre Bioscience and Bioengineering Indian Institute of Technology, Roorkee.

1. Title of project: **Development and characterization of Nipah virus-specific neutralizing antibodies/nanobodies and their potential therapeutic utility**
2. Sponsor of the project: Ignite Life Science Foundation
3. Project position(s) and Number: **Junior Research Fellow (ONE)**
4. Qualifications: First Class post Graduate Degree including the Integrated PG courses or Second-Class post Graduate Degree including the Integrated PG courses and NET/GATE qualified •

Desirable:- Candidates having experience in mammalian cell culture, flow cytometry animal handling, Knowledge of virological techniques such as plaque assays or viral neutralization assays will be preferred.

Or

Candidate having experience hybridoma technology including immunization, cell fusion, selection, and cloning, maintaining hybridoma cell lines and having knowledge of monoclonal antibody production and purification will be preferred.

Or

Candidates having experience in mammalian or bacterial cell culture bioreactor operations and having hands on experience on operating and maintaining bioreactors, scale-up and scale-down stream processing, having knowledge of bioreactor parameters will be preferred.

5. Emoluments: Rs. 37000+ HRA (as applicable)
6. Duration: One Years (extendable till the completion of the project)

Job description: Candidate is expected to work in the field of Monoclonal antibody production through Hybridoma technology, virology and mammalian cell culture bioreactors. Candidate is expected to plan, design and conduct experiments and support in others labs projects also.

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.

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03/02/2026

contd. 2/-

- 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.
 6. Candidates selected for the JRF position will be evaluated after 6-9 months and if found satisfactory may get an opportunity to enroll in IITR PhD program.

The last date for application to be submitted to office of Principal Investigator is **10th March 2026 by 5 PM.**
 Interested candidate can send their application form on tv1205.bt@gmail.com with their complete documents and references.
 The interview date will be conveyed after shortlisting.

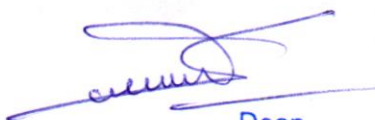
Tel: 91-9971991653

Fax:

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



Dean

Sponsored Research & Industrial Consultancy
 Indian Institute of Technology Roorkee
 Roorkee-247 667 (INDIA)

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