

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

SRIC/06

Dated: 14/11/2025

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

1. Title of project: **"Double layered spike stem-nucleocapsid protein nanoparticles guided development of pan- beta-coronavirus vaccine**
2. Sponsor of the project: **ICMR**
3. Project position(s) and Number: **Project Research Scientist-I (ONE)**
4. Qualifications: First Class post Graduate Degree including the Integrated PG courses/Second Class post Graduate Degree including the Integrated PG courses with PhD
Candidates having experience in molecular biology techniques, monoclonal antibody isolation techniques like hybridoma, phage display will be preferred
Desirable: Candidates with at least one year of hands-on experience in monoclonal antibody isolation technique with documented evidence (patent or paper) will be preferred.
Emoluments: Rs: 56000+ HRA (as applicable)
5. Duration: **ONE YEAR (extendable up to completion of the project)**

Job description: Candidate is expected to work in the field of antibody isolation through Phage Display technique and have adequate experience in techniques such as RNA isolation, RT-PCR and SDSPAGE, ELISA, western blots and construction of antibody libraries. 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.
 - 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.

The last date for application to be submitted to office of Principal Investigator isby 5 PM.
(not applicable for walk in interview).

The interview will be held at **Department of Bioscience and Bioengineering** on **2nd December 2025** at **10:00 AM**)

Tel: 91-9971991653

Email: rajesh.kumar@iit-rorkee.ac.in

Name and signature
of Principal Investigator
(Dr. Rajesh Kumar)

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

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Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)