

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated: 15/9/2026

Applications are invited from Indian nationals only for project position(s) as per the details given below for the **research** project(s) under the Principal investigator **Prof. Neetesh Kumar**, Deptt./Centre of **Computer Science & Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : S2R-SPOAD: Sim2Real-hallucinated Safety-critical and Partially Observed-scenario based Autonomous Driving Testbed
2. Sponsor of the project : ANRF
3. Project position(s) and number : Scientific Administrative Assistant (1)
4. Qualifications (Eligibility) : B.E./B.Tech. degree in Engineering/Technology in a relevant discipline with relevant experience.

Desirable Qualifications : Candidates with experience in autonomous vehicles, UAV/drone systems, embedded systems, flight controllers, computer vision, sensor integration, Python/C/C++ programming, Linux-based systems, robotics, and wireless communication will be preferred. Experience with Pixhawk/Cube flight controllers, ArduPilot, MAVLink, NVIDIA Jetson platforms, RGB-D/stereo cameras, GPS-denied navigation, Visual-Inertial Odometry(VIO), SLAM, and autonomous UAV development will be an added advantage.
5. Emoluments : Rs. 24000 + HRA
6. Duration : 1 Years
7. Job description : The selected candidate will be involved in the development, integration, testing, and experimental evaluation of an autonomous UAV systems, particularly for GPS-denied environments. The work will include UAV hardware and sensor integration, flight controller configuration, embedded system development, computer vision, autonomous navigation, GPS-denied navigation, communication systems, data collection and analysis, simulation, and field testing. The candidate will also assist with technical documentation, report preparation, experimental setup, UAV platform maintenance, and other project-related research and development activities.

8. Terms & Conditions:

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 through email by 30/9/2026:
 - CV
 - Degree Certificates
 - Matriculation Marksheet
 - Intermediate Marksheet
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 is **30/9/2026** by **11:59 PM**.

Please submit your application via email to: **iccnjobs@gmail.com**

Tel:

Prof. Neetesh Kumar
Principal Investigator
Computer Science & Engineering
neetesh@cs.iitr.ac.in


Dean
Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-261007, India
Phone: 0522-267567, 267568
Fax: 0522-267569
Email: dean@iitr.ac.in

Signature of Dean SRIC



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