

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Civil Engineering

Dated: December 15, 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: Prof. Alok Bhardwaj)**, Indian Institute of Technology, Roorkee (Project Number: DIA-2549-CED/24-25).

1. **Title of project:** Object Detection using Hyperspectral Remote Sensing
2. **Sponsor of the project:** DRDO, New Delhi
3. **Project position(s) and number:** One Project Fellow
4. **Qualifications for Project Fellow:** BTech in Civil/Mechanical/Electronics/Electrical Engineering with at least 10-12 years of experience in the relevant field of UAV data analysis, UAV flying, remote sensing, GIS analysis and photogrammetry, UAV integration and maintenance.

Experience of working with UAV flying and data analysis, remote sensing, GIS analysis, photogrammetry. Should have UAV flying experience of atleast 200 km² area and/or atleast 100 hours of flying. DGCA certified pilot is required.

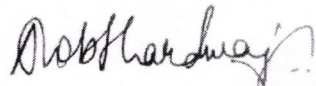
Emoluments: Emoluments for Project Fellow: Rs. 50000/- per month + HRA

5. **Duration:** 2.0 years
6. **Job description for Project Fellow:**
 The candidate will be responsible for overall management and collection of field data by flying Hyperspectral drone sensor, UAV integration and maintenance, GIS analysis, and remote sensing data analysis. The candidate will prepare reports and presentations and strive towards publishing the research in reputed research journals.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
9. Send your complete application including CV, Degree Certificates, Experience Certificate to alokbhardwaj.iitr@gmail.com
10. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to the above email address is **January 5, 2026, by 5 PM.**

Only the shortlisted candidates will be called for an interview. The interview will be online.

Candidate may be asked to show the original degree(s)/certificate(s), and experience certificate(s) at the time of interview/joining for verification

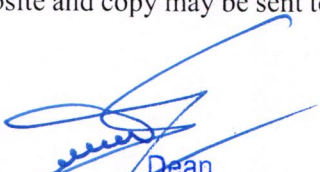


(Alok Bhardwaj)

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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