

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Civil Engineering Department)**

Dated: 4 May, 2026

ADVERTISEMENT TO FILLED UP PROJECT POSITION

Application are invited from Indian national only for the project position as per the details given below for the research project under the Principal Investigator (Name: Prakhar Misra), Civil Engineering Department, Indian Institute of Technology, Roorkee.

1. Title of project: **Automated Construction Progress Monitoring System (ACPMS) - Drone-to-BIM Digital Twin Framework**
2. Sponsor of the project: **Takenaka India Pvt Ltd.**
3. Project position and number: **JRF (1 position)**
4. Qualifications: **M.Tech/M.E. in Civil Engineering/ Remote Sensing & GIS/Computer Science or equivalent. Preference will be given to candidates with education from CFTI, possessing a GATE score, UAV and BIM processing and analysis experience, drone flying, and programing experience.**
5. Emolument: Rs.37,000 + HRA as per institute norms
6. Duration: Until March 31, 2027 or when the project ends.
7. Job description: Develop automated system for combining drone-based aerial data acquisition, geospatial analytics, and BIM integration to enable automated comparison between 'As-Planned' BIM models and 'As-Built' LOD300 models, prepare reports and organize a workshop, and other tasks as applicable. guiding water quality and infrastructure detection in satellite imagery.

Kindly Note:

1. Candidates shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to shortlisting should submit **online form <https://forms.gle/jhwhtvx5yk72NiBM9>**
3. **Send email cover letter and CV (including contact of 1 reference) with subject: ACPMS-JRF-[your name]**
Produce when required the following:
 - Application 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.
4. Candidate shall bring original degree(s)/certificate(s) and experience certificate(s) for joining-verification.
5. Preference will be given to SC/ST candidates on equal qualifications and experience.
6. No TA/DA is admissible for attending the interview.
7. Last date for application to be submitted to the office of the Principal Investigator is **5 PM Friday, 29 May 2026.**
8. Only shortlisted candidates will be notified about the interview date via email at a later date.



Prakhar Misra

Tel: 01332-285289, Email: prakhar.misra@ce.iitr.ac.in

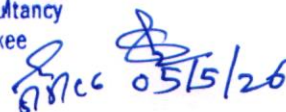
Name and signature of Principal Investigator

*To be uploaded on the IIT Roorkee website and a 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)


 05/05/26


 SRIC 05/05/26