

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Civil Engineering

Dated: 09 March 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 Prof. N.K. Samadhiya, Co-Principal Investigator Prof. Akanksha Tyagi**, Department of Civil Engineering, Indian Institute of Technology, Roorkee.

1. **Title of project:** Development of Guidelines for Instrumentation & Real Time Monitoring of Hill Slopes
2. **Sponsor of the project:** Ministry of Road Transport and Highways, Govt. of India, New Delhi
3. **Project position(s) and number:** Junior Research Fellow/Senior Research Fellow (JRF/SRF), 01 Position
4. **Qualifications:**
 - B.Tech. in Civil Engineering (min CGPA 7.0/10 or 70%) and M.Tech. degree in Geotechnical Engineering/Soil Dynamics (min CGPA 6.5/10 or 65%)
 - Qualified in GATE (Civil Engineering)
 - Candidate must have good knowledge of slope stability analysis
 - Candidate with knowledge of numerical modelling, as well as good programming skills in Matlab/Python shall have preference
 - Candidate must be able to do field visits (sites in Uttarakhand and Arunachal Pradesh)
5. **Emoluments:** Rs. 37000/- per month for 2 years + 10% HRA, Rs. 42000/- per month for 3rd year + 10% HRA
6. **Duration:** Till February 2029*
*Eligible Candidate may be enrolled as PhD (project category)
7. **Job description:** The project involves geotechnical site investigation, and laboratory characterization. Further, the project involves real time slope monitoring using subsurface instrumentation, and analyzing those datasets. The candidate will undertake research related tasks on the aforementioned topics, prepare reports and presentations **within strict deadlines**, 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. **Candidates desiring to appear for the Interview should submit their applications with the following documents to the email akanksha.tyagi@ce.iitr.ac.in by ~~13 March 2026~~: 22 March 2026, 5 pm**
 - Application with detailed CV including chronological discipline of degree/certificates and marks obtained.
 - Experience including research, industry and others.
 - Knowledge of Geotechnical software and programming skills
 - Self Attested copies of degree/certificate and experience certificate.

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10. Candidate may be asked to present the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
11. Please note that no TA/DA is admissible for attending the interview.
12. The interview will be conducted **online** via **Webex** on ~~20~~²⁷ **March 2026 (Friday)** from **10:00 AM onwards**. The Webex link will be sent to the shortlisted candidates after the initial screening.
13. **Send your applications to the following email id: akanksha.tyagi@ce.iitr.ac.in**


(Narendra K Samadhiya) 09/03/26
Name and Signature of Principal Investigator

Tel: +91 9620982528
Email: akanksha.tyagi@ce.iitr.ac.in

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

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