

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Civil Engineering

Dated: 3 December 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 Prof. N.K. Samadhiya, Co-Principal Investigators Prof. Akanksha Tyagi**, Department of Civil Engineering, Indian Institute of Technology, Roorkee.

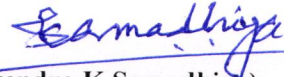
1. **Title of project:** Development of Guidelines for Instrumentation & Real Time Monitoring of Hill Slopes
2. **Sponsor of the project:** Ministry of Road Transport and Highways, Govt. of India, New Delhi
3. **Project position(s) and number:** Junior Research Fellow (JRF), 01 Position
4. **Qualifications:**
 - B.Tech. in Civil Engineering (min CGPA 7.5/10 or 75%) and M.Tech. degree in Geotechnical Engineering (min CGPA 7/10 or 70%) *with qualified GATE scorecard [Not for CFTI's candidates]*
 - 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 highly motivated and self-driven.
5. **Emoluments:** Rs. 37000/- per month
6. **Duration:** 2 years
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.civil@gmail.com by **15 December 2025**:**
 - Application with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industry and others.
 - Knowledge of softwares and programming skills
 - Attested copies of degree/certificate and experience certificate.

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10. Candidate shall bring along with them 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. **Note that this position does not qualify directly to PhD Admission.**
13. The interview will be held on **19 December [Friday] at 9:45 am** onwards **online** through **Webex**. Meeting link will be communicated to the candidates fulfilling the qualification norms.

Send your applications to the following email id: akanksha.civil@gmail.com



(Narendra K Samadhiya)

Name and Signature of Principal Investigator

Tel: +91 9412073058; +91 9620982528

Email: akanksha.civil@gmail.com


*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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