

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

Dated: 21/10/2026

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. Akanksha Tyagi**, Deptt./Centre of **Civil Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : Centrifuge and Numerical Modelling of Underground Explosions in Soils
2. Sponsor of the project : DRDO
3. Project position(s) and number : Junior Research Fellow/Senior Research Fellow (1)
4. Qualifications (Eligibility) : B.Tech. in Civil Engineering (min CGPA 7.0/10 or 70%) and M.Tech. Geotechnical Engineering/Soil Dynamics (min CGPA 6.5/10 or 65%) with GATE qualification
5. Emoluments : Rs. 37000 - Rs. 42000 + HRA
6. Duration : 3 Years
7. Job description : Geotechnical Characterization, Triaxial tests
Centrifuge tests at IIT Bombay
Conduct numerical modelling
Analysis and preparation of reports
8. The selected candidate may get an opportunity for PhD admission.

9. 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 05/11/2026:
 - CV
 - Degree Certificates
 - Experience Certificates
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.
10. Candidates desiring to appear for the Interview should submit their applications with the following documents:

Application with a detailed CV including a chronological discipline of degrees/certificates and marks obtained

Experience, including research, industry, and others

Knowledge of finite element software and programming skills

Self-attested copies of the degree/certificate and experience certificate

Abstract of MTech thesis

The last date for application to be submitted to office of Principal Investigator is **05/11/2026** by **11:59 PM**.

Please submit your application via email to: **akanksha.tyagi@ce.iitr.ac.in**

Tel:

Prof. Akanksha Tyagi
Principal Investigator
Civil Engineering

akanksha.tyagi@ce.iitr.ac.in


Dean
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Signature of Dean, SRIC


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