

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Civil Engineering

Dated: 21 October 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. Akanksha Tyagi, Co-Principal Investigator Prof. M. Ashraf Iqbal**, Civil Engineering Dept, IIT Roorkee and **Co-Principal Investigator Prof. Ashish Juneja**, IIT Bombay.

1. **Title of project:** Centrifuge and Numerical Modelling of Underground Explosions in Soils
2. **Sponsor of the project:** DRDO, New Delhi, DRD-3085-CED/25-26

Project Position	Number	Qualifications	Emolument	Job Description
JRF	01	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%) GATE Qualified	Rs. 37000/- per month for 2 years + 10% HRA, Rs. 42000/- per month for 3 rd year + 10% HRA [Eligible Candidate may be enrolled as PhD (project category) at IIT Roorkee]	Geotechnical characterization, Triaxial tests Centrifuge tests at IIT Bombay Conduct numerical modelling Analysis and preparation of reports

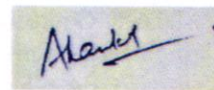
Candidate shall be officially enrolled at IIT Roorkee. *Travel and accommodation at IIT Bombay shall be supported by the Project.

3. **Duration:** Project duration is till July 2029; For PhD [project category], the candidates shall be transferred to institute assistantship upon completion of the project (as per IIT Roorkee rules).
4. Candidates, before appearing for the interview, shall ensure that they are eligible for the position they intend to apply for.
5. **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.

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- Knowledge of finite element software and programming skills
 - Self-attested copies of the degree/certificate and experience certificate.
 - Abstract of MTech thesis
6. Candidate may be asked to present the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 7. Please note that no TA/DA is admissible for attending the interview.
 8. The interview will be conducted **online** via **Webex**. The Webex link will be sent to the shortlisted candidates after the initial screening.
 9. Send your applications by 05 November 2026 to the email akanksha.tvagi@ce.iitr.ac.in with the subject "Application for JRF".

Incomplete applications will not be considered.



(Akanksha Tyagi)

Name and Signature of Principal Investigator

Email: akanksha.tvagi@ce.iitr.ac.in

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

APPROVED


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Sponsored Research & Industrial Consultancy
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