**SRIC/06**

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**
**Department of Civil Engineering**

Dated: 30 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 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 | Main Supervisor |
|---|---|---|---|---|---|
| JRF | 01 | B.Tech. in Civil Engineering (min CGPA 7.0/10 or 70%) and M.Tech. degree in Structural Engineering/Structural dynamics/Earthquake Engineering (min CGPA 6.5/10 or 65%)<br><br>**GATE Qualified** | Rs. 37000/- per month for 2 years + 10% HRA, Rs. 42000/- per month for 3rd year + 10% HRA<br><br>[Eligible Candidate may be enrolled as PhD (project category)] | Conduct high-strain rate material characterisation of RCC Structures, Soil and Rocks.<br><br>Conduct numerical modelling of blasts in geological media. | M.A. Iqbal |

All candidates shall be officially enrolled at IIT Roorkee.

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 and/or PhD 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. **Submit your application along with all the required documents through the following Google Form by 10 November 2026**

Google Form – Application Submission or https://forms.gle/xwk168uQCko5tfBj9

(https://docs.google.com/forms/d/e/1FAIpQLSf7K8R0-FRNc6OxFcx42w8rjjWXjjuhY8To-PNgwqWEsFPqfw/viewform?usp=header)

**(Akanksha Tyagi)**
**Name and Signature of Principal Investigator**

**(M.A. Iqbal)**
**Name and Signature of Co-Investigator**

ashraf.iqbal@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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