


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

Dated: September 04, 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 (Name: Prof. Ritesh Kumar), Dept./Centre Earthquake Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: A Data Assimilated Framework for Early Crack Detection in Railway Tracks
  2. Sponsor of the project: DFCCIL
  3. Project position(s) and number: 02
  4. Qualifications: B. Tech. (NITs/IITs/CFTIs) and/or M.Tech. in Civil Engineering/Computer Science/Mechanical Engineering/or equivalent from recognized Universities
  5. Emoluments: As per IITR norms (Rs 37000 p.m. + HRA) 
  6. Duration: Initially for 02 Years (extendable based on the performance)
  7. Job description: The selected candidate will undertake research related to ML, computer vision, and Physical and numerical modelling in geotechnical engineering
- Candidates, before appearing for the interview, shall ensure that they are eligible for the position they intend to apply.
- Candidates desiring to appear for the Interview should submit their applications with the requested documents to the office of the Principal Investigator through **the following link only**:

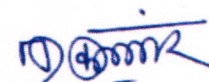
<https://docs.google.com/forms/d/e/1FAIpQLSfr7Hh1C-Au6m-rKAaVQZEZWj7SxBspGXihNwCk6Drotw0aBw/viewform>

- Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- Preference will be given to SC/ST candidates on equal qualifications and experience.
- **Additional top-up emoluments will be provided to deserving candidates.**
- Please note that no TA/DA is admissible for attending the interview. An online interview can also be conducted in case of the candidate is not able to travel to IITR.

**Note: The selected candidate may get an opportunity for PhD admission.**

The last date for application to be submitted to the office of the Principal Investigator (via the Google link above) is **September 20, 2025, by 11:55 PM.**

APPROVED



Ritesh Kumar (PI)

Tel: 01332284981

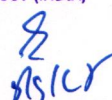
Fax:

Email: [ritesh.kumar@eq.iitr.ac.in](mailto:ritesh.kumar@eq.iitr.ac.in)

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

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