



# INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

## Department of Civil Engineering

Advt. no.: IITR/CED/PDF/26-27/AA-01

Dated: 12/05/2026

### ADVERTISEMENT FOR POST DOCTORAL FELLOWSHIP POSITION

The Department of Civil Engineering at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for a postdoctoral position under the mentorship of **Prof Amit Agarwal**, focused on "**AI-Driven Digital Twin for Urban Mobility Simulation**".

The last date for the submission of the application is **May 25, 2025**. *Applications received after this date will not be considered. The Interview will be conducted (Online/Offline) and the schedule will be informed to the shortlisted candidate only.*

### QUALIFICATIONS, SPECIALISATION, EXPERIENCE and PROFILE

#### **A. Essential qualifications:**

1. The candidate must have a **PhD** from CFTI or equivalent international universities of repute in Civil Engineering/ Computer Science/ Data Science/ Transportation Engineering and other relevant areas

#### **B. Desired qualifications:**

- Publication: **02** journal publications with a minimum of 1 in Q1/Q2 (Clarivate/ Scimago) as first author.
- Proficiency in Python or any other programming language
- Prior experience in transportation planning (during MTech/ PhD or work experience) and/ or machine learning, deep learning
- Candidates who have recently submitted their thesis are also eligible to apply, subject to the condition that they furnish the PhD degree certificate at the time of joining.
- Candidates can lead independent research and may have demonstrated the skill to do independent research; help in PhD supervision,/ Project proposal writing,/ Scientific report preparation.

### DURATION & FELLOWSHIP AMOUNT


The duration of the fellowship will be 2 years. The Fellowship may be terminated by either side by giving one-month notice. A consolidated fellowship of **Rs. 80,000.00 per month** for two years and a **contingency of Rs. 50,000.00 per annum** will be awarded to Post-Doctoral Fellows.

### HOW TO APPLY?

Candidates should clearly mention Advt. No. and date with title of the position applying for with a covering letter, curriculum vitae, three (03) names of referees, list of publications (**highlighted with the most relevant publication(s) for the post**), research statement describing past research and plans for future research in the context of the focus of the post is being advertised (mandatory) all in a single PDF file by e-mail, to: [amitfce@iitr.ac.in](mailto:amitfce@iitr.ac.in)

**Notes:**

- (i) Post-doctoral Fellows will be registered as students and have access to the facilities of the library, computer center, available hospital facilities, etc. They will be entitled to 2.5 days of leave per complete calendar month. No carry forward for leave will be allowed beyond a calendar year. PDF positions are purely temporary. The benefits applicable to permanent employees, like LTC and PDA, are not applicable.
- (ii) The screened candidates will be informed to attend interviews in person (or online, as desired). No TA/DA will be reimbursed for attending the interview.



Head

नरेन्द्र कुमार सामाधिवा / Narendra Kumar Samadhiya  
प्राध्यापक एवं निदेशाध्यक्ष / Professor & Head  
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