

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

Dated: 16 Aug 2022

**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. Amit Agarwal), Department of Civil Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: Advanced Transport Modeling and Simulation of National Highways in India
2. Sponsor of the project: IAHE (MoRTH)
3. Project position(s) and number: **Research Associate, Two positions**
4. **Qualifications:**  
**Essential:** ~~B.E./B.Tech~~; M.E./ M.Tech or equivalent PG in Transportation Engineering/ Transportation Planning or related discipline  
**Desirable:** At least one of the degrees from IISc/ IITs/ CFTIs or any reputed foreign university; knowledge of programming (Java, C++, python, etc.), MATSim, etc.
5. **Emoluments:**
  - Rs. 30,000- Rs. 50,000 /- per month depending on experience, skills and performance
  - HRA as per the institute rules
6. **Duration:** Initial contract for one year, extendable for two years; periodic performance reviews will be made to continue the contract
7. **Job description:** The candidate is required to review the existing transport modelling and simulation approaches; understand the data needs, and data analysis; develop scenarios; run the model/ simulation, and other project-related tasks.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
9. Candidates desiring to appear for the Interview should submit their applications with the following documents to Prof. Amit Agarwal ([amitfce@iitr.ac.in](mailto:amitfce@iitr.ac.in))
  - Latest CV with details of education qualifications and experience
  - Degree and experience Certificates
10. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
11. Preference will be given to SC/ ST candidates on equal qualifications and experience.
12. Please note that no TA/ DA is admissible for attending the interview.
13. The last date for the application to be submitted is **29/08/2022, 11:00.**

The schedule of the interview shall be informed to the eligible candidates

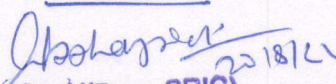
Tel: +91-1332-285441

Email: [amitfce@iitr.ac.in](mailto:amitfce@iitr.ac.in)

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

  
(Dr. Amit Agarwal)  
Name and signature  
of Principal Investigator

**APPROVED**

  
Dean (SRIC)/(Dean SRIC)  
IIT Roorkee