



**NATIONAL INSTITUTE OF TECHNOLOGY**  
**WARANGAL – 506 004 TELANGANA**  
**Advertisement for selection of JRF**

Advertisement No.: NITW/CED/TD/CATTS/10-JRF/2025

Date: September 12<sup>th</sup>, 2025

|   |   |
|---|---|
| <b>Project title</b>  | Advanced Transport Modelling and Simulation for National Highways in India  |
| <b>Project Details</b>  | The research project is intended to develop Indian specific macro model (Computable General Equilibrium Model) for the entire National Highway Network and building of Indian specific urban pervasive data model for Indian cities. This is a joint project between Indian Academy of Highway Engineers (IAHE), IIT Roorkee, and University of New South Wales, Australia and NIT Warangal.  |
| <b>Sponsoring agency</b>  | MoRTH, Government of India  |
| <b>Position title</b>   | <b>JRF</b>  |
| <b>Number of Positions</b>  | <b>02</b>   |
| <b>Duration</b>   | 3 years   |
| <b>Essential qualification</b>  | <b><u>Essential:</u></b> <ul style="list-style-type: none"><li>• B.E./ B.Tech in Civil Engineering or B.Plan with <b>First class/Division</b></li></ul> <b><u>Desirable</u></b> <ul style="list-style-type: none"><li>• ME/M.Tech in Transportation Engineering or M.Planning <b>with First Class/Division</b></li><li>• Desirable <b><u>GATE Qualified</u></b></li></ul>   |
| <b>Desirable Experience</b>   | A prior knowledge of below mentioned skills is desirable <ul style="list-style-type: none"><li>• Travel Demand Models</li><li>• Traffic simulation models</li></ul> Proficient in Travel behaviour modelling and Good analytical ability and competency in writing skills; Programming Skills: C++, Python, GIS   |
| <b>Age limit</b>  | <b>35 Years (NITW institute rules are applicable for PhD registration)</b>  |
| <b>Fellowship</b>   | Rs 37,000/- per month first two years and Rs 42,000/- per month during third year based on performance  |
| <b>Other Benefits</b>   | The selected candidates are expected to register for the Ph.D. degree at NIT Warangal as per the institute rules. However, they need to apply for the position as per the notification at that time. Candidates with M.E/M.Tech/M.Planning with GATE Qualified and Bachelor's degree in Civil Engineering/ Technology/B.Planning with <u>valid GATE score</u> are eligible for PhD registration <u>subjected to institute rules</u> . |
| <b>Job nature</b>   | Execute objectives of research project, Field Data Collection, Numerical Analysis, Simulation Modelling and Report Preparation  |
| <b>How to apply?</b>  | Fill the attached application with this advertisement. Complete and send to email: <a href="mailto:brkadali@nitw.ac.in">brkadali@nitw.ac.in</a>   |
| <b>Submission mode</b>  | Soft copy   |
| <b>Last date to apply</b>   | <b>September 23, 2025</b>   |
| <b>Whom to contact?</b>   | <b>Dr. B Raghuram Kadali</b><br><b>Assistant Professor, Transportation Program</b><br><b>Department of Civil Engineering,</b><br><b>NIT Warangal 506004, Telangana State, India; Phone: +91 870 2464251;</b><br><b>Mobile: +91 9912245124</b>   |
| <b>Contact Email ID</b>   | <a href="mailto:brkadali@nitw.ac.in">brkadali@nitw.ac.in</a>  |
| <b>Please note:</b> <ul style="list-style-type: none"><li>• The position is purely temporary and liable for termination based on performance.</li><li>• Please enclose a brief resume/ curriculum vitae and <u>copies of certificates and marks memo</u> along with the applications form</li><li>• List of eligible candidates will be announced on the institute website and intimated through email.</li><li>• Shortlisted candidate will have to attend the interview (Online/ Offline); No TA/DA will be paid for attending interview.</li></ul> |   |

**APPLICATION FOR THE POSITION OF JRF: ATMS: MoRTH, GoI**

**Advt. No. : NITW/CED/TD/CATTS/10-JRF/2025**

**Date: September 12<sup>th</sup>, 2025**

**(Enclose a copy of curriculum-vitae; it is compulsory to submit all the supporting documents/marks memos)**

1. **Name of the candidate:**
2. **Father's name:**
3. **Mother's name:**
4. **Date of birth (DD/MM/YYYY):**
5. **Gender:**
6. **Marital status:**
7. **Category:**
8. **Phone Number and Email:**
9. **Educational qualifications:**

| <b>Qualification Degree</b> | <b>Specialization/ Subjects</b> | <b>University/ Board</b> | <b>Year of Passing</b> | <b>Class</b> | <b>CGPA/ Percentage</b> |
|-----------------------------|---------------------------------|--------------------------|------------------------|--------------|-------------------------|
| <b>M.Tech./ M.E.</b>        |                                 |                          |                        |              |                         |
| <b>B.Tech./ B.E.</b>        |                                 |                          |                        |              |                         |
| <b>Intermediate</b>         |                                 |                          |                        |              |                         |
| <b>S.S.C.</b>               |                                 |                          |                        |              |                         |
| <b>Any other</b>            |                                 |                          |                        |              |                         |

10. **GATE qualification score if any:**
  - a. **Year Appeared:**
  - b. **Score:**
  - c. **All India Rank:**
11. **Research/ Industrial Experience:**
12. **Publications if any:**
13. **Any other relevant information:**

**Declaration**

I ..... hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled.

Place:

Date:

Signature of the candidate