



# NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

(An Institute of National Importance under Ministry of Education, Govt. of India)

तेलंगाना / Telangana – 506004, India.

## DEPARTMENT OF CIVIL ENGINEERING

### ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

Advertisement No.: NITW/CED/WRE/LKR/RESPOND/01

Date: October 8<sup>th</sup>, 2025

<b>Project Title</b>	Integration of polar and geostationary EO datasets for a synthesized hourly LST product
<b>Project Details</b>	This project aims to develop algorithms for integrating LST datasets from temporally sparse polar-orbiting satellites and spatially sparse geostationary satellites to generate a hourly LST product with 1 km spatial resolution. The study also aims to validate the simulated LST product by inter-comparing it with existing polar-orbiting satellite-based LST datasets at similar spatial resolutions for ensuring accuracy and reliability.
<b>Sponsoring Agency</b>	Indian Space Research Organisation (ISRO), Department of Space, Government of India
<b>Position Title</b>	JUNIOR RESEARCH FELLOW (JRF)
<b>Number of Positions</b>	01
<b>Duration</b>	3 years
<b>Essential qualification</b>	<b>Essential:</b> <ul style="list-style-type: none"><li>• B.Tech in Civil Engineering / Geo-Informatics / Remote Sensing / Agricultural Engineering or allied <b>with First class</b></li><li>• M.Tech/ ME/ MS in Geo-Informatics / Remote Sensing / Water Resources Engineering <b>with first class</b></li><li>• <b>GATE Qualified</b></li></ul>
<b>Desirable Experience</b>	A working knowledge of Remote sensing data processing in R, MATLAB, and other programming languages
<b>Age limit</b>	30 Years (Age relaxation applicable as per institute rules)
<b>Fellowship</b>	Rs 37,000/- per month first two years and Rs 42,000/- per month during third year
<b>Other Benefits</b>	GATE qualified candidates have the option of registering for Ph.D. degree at NIT Warangal. However, they need to apply for the position as per the notification at that time.
<b>Job nature</b>	Execute objectives of research project, Remote sensing Data Collection and processing, generation of LST data, Validation of LST data and Report Preparation
<b>How to apply?</b>	Fill the attached application with this advertisement. Complete and send to email: <a href="mailto:litan@nitw.ac.in">litan@nitw.ac.in</a>
<b>Submission mode</b>	Soft copy
<b>Last date to apply</b>	<b>October 30, 2025</b>
<b>Whom to contact?</b>	<b>Dr. Litan Kumar Ray</b> Assistant Professor, Department of Civil Engineering, NIT Warangal 506004 Telangana State, India Mobile: +91 8265999740
<b>Contact Email ID</b>	<a href="mailto:litan@nitw.ac.in">litan@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).</li><li>• No TA/DA will be paid for attending interview.</li></ul>	

**APPLICATION FOR THE POSITION OF JRF**

**Advt. NITW/CED/WRE/LKR/RESPOND/01 dated December 8<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:**

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

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