



राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल
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.

**ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW (JRF) RECRUITMENT
UNDER ACCELERATED RESEARCH FOR 6G ECOSYSTEM - TTDF SCHEME/DoT**

Project title	TARANG: Design of Terahertz Wireless Communications Systems for 6G
Sponsoring agency	TTDF/DoT
Position title	Junior Research Fellow (JRF)
Duration (in years)	Three years or till the closure of the project whichever is earlier. Performance evaluation will be done each year.
Number of position(s)	01
Essential qualification	Candidates with a minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category. OR Candidates with Bachelor's degree in Engineering/ Technology with at least CGPA of 7.5/10 or 70% of marks under GEN/ GEN-EWS/ OBC-NCL category and at least CGPA of 7.0/10 or 65% under SC/ ST/ PwD category. B.Tech/ B.E or Equivalent degree in Electronics and Communication Engineering and M.Tech/ M.E in Electronics and Communication Engineering or equivalent with Research areas in Communication/ VLSI/ Instrumentation. (OR) B.Tech/ B.E or Equivalent degree in Electronics and Communication Engineering.
Desired qualifications	A solid understanding of digital communication, probability theory, optimization, and wireless communications is crucial. Experience with programming languages and simulation tools such as MATLAB or Python
Age limit	30 years
Age relaxation	As per norms and guidelines of the Institute
Emoluments	Rs. 37,000/- pm
HRA/ Accommodation	HRA as per institute rules.
Job nature	Research and Development
Other benefits	The selected candidates are eligible for the PhD degree at NIT Warangal, as per the institute rules. However, s(he) needs to apply for a PhD position when the advertisement opens.
How to apply?	The proforma of the application is attached to this advertisement. A soft copy of the filled application with supporting documents has to be sent to email: ssolanki@nitw.ac.in
Submission mode	soft copy
Last date to apply	10-12-2025@11.59pm
Whom to contact?	Prof. Sourabh Solanki
Contact Email ID	ssolanki@nitw.ac.in

Please note:

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the application form
- List of eligible candidates will be announced on the institute website and intimated via email or phone.
- Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)
- If the Interview need to be conducted online, candidates are expected to have a good internet connection
- No TA/DA will be paid for attending the interview

**APPLICATION FOR THE POSITION OF JRF UNDER ACCELERATED RESEARCH FOR 6G ECOSYSTEM -
TTDF SCHEME/DoT**

Advt. No. NITW/2025/ECE/DoT-TTDF/04

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

- 1. Name of the candidate**
- 2. Father's name**
- 3. Date of birth (DD/MM/YYYY)***
- 4. Sex** Male/ Female
- 5. Marital status** Single/ married
- 6. Category*** OC/OBC/SC/ST
- 7. Educational qualifications***

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified*

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

9. Research/Industrial/Teaching experience*

S.No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications/ conference participations*

11. 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. I confirm, that I am available for ONLINE interview, if necessary.

Date:

Signature of the candidate

* Submit soft copies of the supporting documents