



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	Design and Development of Timed Antenna Array System for Automatic Beam Steering towards User/Target Intended Direction for 6G Communication
Sponsoring agency	TTDF/DoT
Position title	JRF
Duration (in years)	Three years or till closure of the project whichever is earlier. Performance evaluation will be done each year.
Number of position(s)	One
Essential qualification	B.Tech. in ECE with First class with $\geq 70\%$ or 7.5 CGPA or equivalent or B.Tech. in ECE First class with $\geq 60\%$ and M. Tech. First class with $\geq 60\%$. Note: GATE-qualified candidates will be given preference
Desired qualifications	M. Tech. with specialization in Antenna, RF, and Microwaves. Knowledge of CST/HFSS, AWR/ADS and MATLAB software. Experience with FPGA implementation will be given preference.
Age limit	30 years for the GEN/ GEN-EWS category, 33 years for OBC-NCL, and 35 years for SC/ST/PwD/Female candidates.
Emoluments	Rs. 37,000/- pm* *Candidates selected with only B. Tech degree without GATE qualification have to write a National Level Written Examination conducted by NIT Warangal at NIT Warangal as and when conducted.
HRA/ Accommodation	HRA as per the institute rules.
Job nature	Analysis, design, simulations, and coding of time-modulated antenna arrays using MATLAB and 3D EM software such as HFSS, CST or any other EM solver. Fabrication and testing of Antenna arrays. Relevant documentation, preparation of milestone reports, etc.
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: gopi.ram@nitw.ac.in
Submission mode	soft copy
Last date to apply	10/04/2026 @ 11.59pm
Whom to contact?	Dr. Gopi Ram or Dr. Gande Arun Kumar Dept. of ECE National Institute of Technology Warangal – 506 004 Telangana State, India Contact no: +91 9679983382
Contact Email ID	gopi.ram@nitw.ac.in , g.arun@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/TMA/04

(Please enclose a copy of bio-data/ resume/curriculum vitae and supporting documents related to claims)

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. **Address for communication**
8. **Mobile Number**
9. **Email ID**
10. **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.					

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

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

12. Research/Industrial/Teaching experience*

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

13. Publications/ conference participations*

14. 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