



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
ARG-ANRF Project

Project title	Development of Cyber-Resilient Distributed Control and Protection of Microgrid
Sponsoring agency	Anusandhan National Research Foundation (ANRF)
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)	One
Essential qualification	The candidate must have obtained First Class with a minimum of 60% aggregate marks or a CGPA of at least 6.5 on a 10-point scale in both: 1. B.Tech/BE in <i>Electrical Engineering</i> or <i>Electrical and Electronics Engineering</i> , and 2. M.Tech in any of the following specializations: <i>Power Systems, Power Engineering, Smart Grid, Power Electronics and Drives, Energy Systems, Renewable Energy, Smart Grid Technologies, Electrical Engineering</i> , or any specialization closely aligned with <i>Power Systems Engineering</i> . Preference will be given to GATE qualified candidates (but not essential)
Desired qualifications	Applicants should have a strong background in power system analysis, microgrids, cyber-security, renewable energy control, electric vehicles, and simulation tools such as MATLAB and PSCAD. Preference will be given to candidates with hands-on experience in the design and experimental validation of DC-DC and AC-DC converters, as well as microgrid control systems.
Age limit	30 years
Age relaxation	As per norms and guidelines of the Institute
Emoluments	Rs. 37,000 per month for the first two years and Rs. 42,000 per month for the third year
HRA/ Accommodation	20% of monthly Emoluments (No HRA if hostel accommodation is given)
Job nature	AC microgrid hardware development for cyber-resilient control and protection schemes implementation and validation based study
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 form with supporting documents (as a single PDF) has to be upload in the Google form: https://forms.gle/nKnf8SHt3XaabcMh7
Submission mode	Online
Last date to apply	30/06/2026 @11.59pm
Whom to contact?	Dr. Mahamad Nabab Alam, Associate Professor, Department of Electrical Engineering, National Institute of Technology Warangal, Telangana – 506 004 Contact no: +91 9897998728
Contact Email ID	mnalam@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 in OFFLINE mode only.
- No TA/DA will be paid for attending the interview

APPLICATION FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)
Development of Cyber-Resilient Distributed Control and Protection of
Microgrid

Advt. No. NITW/EE/2026/MNA/ANRF-ARG/1

(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, if applicable