



# 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.

### Department of Electronics and Communication Engineering

#### Advertisement for JRF recruitment under ANRF research project AI-guided Smart Point-of-Care Device for Early Detection of Acute Lymphoblastic Leukemia in Rural and Urban Areas

<b>Project title</b>	AI-guided Smart Point-of-Care Device for Early Detection of Acute Lymphoblastic Leukemia in Rural and Urban Areas
<b>Sponsoring agency</b>	Anusandhan National Research Foundation (ANRF), Prime Minister Early Career Research Grant (PMECRG) program
<b>Position title</b>	Junior Research Fellow (JRF)
<b>Duration (in years)</b>	3 Years
<b>Number of position(s)</b>	Two
<b>Emoluments</b>	Candidates who are selected through the National Eligibility Test (CSIR UGC NET or GATE) <ul style="list-style-type: none"><li>• 37,000+HRA (1<sup>st</sup> and 2<sup>nd</sup> Year)</li><li>• 42,000+HRA (3<sup>rd</sup> Year, upon successful assessment and upgradation to SRF)</li></ul> Candidate without National Eligibility Test (CSIR UGC NET or GATE) <ul style="list-style-type: none"><li>• 30,000+HRA (1<sup>st</sup> and 2<sup>nd</sup> Year)</li><li>• 33,000+HRA (3<sup>rd</sup> Year, upon successful assessment and upgradation to SRF)</li></ul>
<b>Age limit</b>	30 years
<b>Age relaxation</b>	The upper age limit is relaxable by up to 5 years for SC/ST/OBC, women, and persons with disabilities.
<b>Essential qualification</b>	<b>Essential:</b> 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 (or Electronics and Telecommunication Engineering or equivalent) and M.Tech/ M.E in Electronics and Communication Engineering or equivalent with Research areas in Embedded and Machine Learning Systems/ Signal and Image Processing/ VLSI-System Design/ Artificial Intelligence/ Computer Vision or equivalent (OR) B.Tech/ B.E or Equivalent degree in Electronics and Communication Engineering/ Electronics and Telecommunication Engineering or equivalent.
<b>Desired qualifications</b>	Knowledge of Image Processing, Computer Vision, Medical Image Processing, and Edge-AI is desirable. Programming Proficiency: Experience with programming languages and simulation tools such as Python or MATLAB is highly desirable. Publications or Patents in Medical Image Processing/ Computer Vision/ Machine Learning/ Deep Learning is a preferable criterion.
<b>HRA/ Accommodation</b>	HRA will be provided as per the institute rules. The selected candidate will also be eligible for on-campus hostel and mess facilities, subject to availability.
<b>Job nature</b>	Research and Development
<b>Other benefits</b>	The selected candidate will be eligible to register for a Ph.D. degree at NIT Warangal as per the institute's rules. However, they must apply for the Ph.D. program when the official advertisement is released.
<b>How to apply?</b>	Complete the application (as proforma attached/link provided) and submit via Google Form along with the Bio-data/CV (one page) and scanned copy of certificates in a single PDF file.
<b>Submission mode</b>	<a href="#">Online Application</a>
<b>Last date to apply</b>	30-06-2026 @11:59 pm
<b>Whom to contact?</b>	Prof. Pradeep Kumar Das Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology Warangal, 506004 Telangana, India
<b>Contact Email ID</b>	<a href="mailto:pradeepkd@nitw.ac.in">pradeepkd@nitw.ac.in</a>

**Please note:**

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form
- Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)
- If interviews 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**  
**Department of Electronics and Communication**  
**National Institute of Technology Warangal**  
(Please enclose a copy of bio-data/ CV and scan copy of certificates)

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/ Diploma					
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