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 Computer Science and Engineering

Advertisement for JRF recruitment under a research project sponsored by ANRF

Project title	Design and development of lightweight, cost-effective and energy-aware Fog-based crop yield recommendation, disease diagnosis and management system using Artificial Intelligence techniques for rural India
Sponsoring agency	Anusandhan National Research Foundation (ANRF), Prime Minister Early Career research grant (PMECRG) program
Position title	Junior Research Fellow (JRF)
Duration (in years)	2.5 years
Number of position(s)	One
Essential qualification	**Essential:** • M.E/M.Tech/B.E./B.Tech or equivalent degree in Computer Science Engineering/ Information Technology/Artificial Intelligence (AI) and Data Science/ Artificial Intelligence and Machine Learning/ Computer Science and Engineering (IoT)/ Computer Science and Engineering (Networks)/Computer Science & Information Security (First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10-point scale and for Bachelor's degree in Engineering/Technology with at least CGPA of 7.5 on a 10-point scale or 70% of marks) • Preference will be given to the candidate qualified in GATE. • Age limit: Below 30 years; however, upper age is relaxable up to 5 years for SC/ST/women and physically handicapped candidates. **Desirable:** Good knowledge of below mentioned skills is desirable • Programming skills in Python and Mobile/Web application development • Experience with Deep Learning model development, Internet of Things (IoT) • Good technical writing skills.
Age limit	30 years
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/Women and Physically handicapped candidates. Upper age is relaxable up to 3 years for OBC NCL candidates
Desired qualifications	Candidates with good programming skills in Python, mobile and web application development, and a strong foundation in model development using Machine Learning (ML) and Deep Learning (DL) will be preferred. Additional expertise in Internet of Things (IoT), Cloud and Fog/Edge Computing is desirable. Preference will be given to the candidate qualified in GATE.
Emoluments	Candidate who are selected through National Eligibility Test (CSIR UGC NET or GATE) • 37,000+HRA (1st and 2nd Year) • 42,000+HRA (3rd Year, upon successful assessment and upgradation to SRF) Candidate without National Eligibility Test (CSIR UGC NET or GATE) • 30,000+HRA (1st and 2nd Year) • 33,000+HRA (3rd Year, upon successful assessment and upgradation to SRF)
HRA/ Accommodation	HRA will be provided as per institute rules. The selected candidate will also be eligible for on-campus hostel and mess facilities, subject to availability.
Job nature	The candidate will be engaged in the design and development of machine learning and deep learning-based models for crop disease detection, crop yield prediction and recommendation. Data collection using IoT devices, data annotation, model deployment on IoT system. Development of web/Android-based application and writing research papers.
Other benefits	The selected candidate will be eligible to register for a Ph.D. degree at NIT Warangal as per the institute rules. However, they must apply for the Ph.D. program when the official advertisement is released.
How to apply?	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.
Submission mode	Google form link https://forms.gle/LkyzurbuEz9yseQeA
Last date to apply	14/03/2026 @11.00 am
Whom to contact?	**Dr. Priyanka Chawla** Associate Professor Department of CSE National Institute of Technology Warangal – 506 004 Telangana State, India
Contact Email ID	priyankac@nitw.ac.in Ph no. 7982750652

Please note:
- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- Shortlisted candidate will have to attend a written/interview OFFLINE/ONLINE
- 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
- **Selected candidates are required to join immediately**

APPLICATION FOR THE POSITION OF JRF
Department of Computer Science and Engineering
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/Matric					
Intermediate/10+2 /Diploma					
B.E./B.Tech					
M.E/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