



**NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 TELANGANA
Advertisement for selection of JRF**

Advertisement No.: NITW/CED/WRE/NVU/JD/01

Date: April 24th, 2026

Project title	Physics-informed AI for Hydrological Forecasting in Peninsular India
Project Details	The project “Physics-informed AI for Hydrological Forecasting in Peninsular India” integrates physical hydrological principles with advanced AI models to improve prediction accuracy. By embedding domain knowledge into machine learning frameworks, it aims to capture complex interactions among hydrological processes and deliver reliable forecasts for water resource management.
Sponsoring agency	Anusandhan National Research Foundation (ANRF)
Position title	JRF
Number of Positions	01
Duration	3 years
Essential qualification	Essential: <ul style="list-style-type: none">• B.E./ B.Tech/ in Civil Engineering or Agricultural Engineering with First class• ME/M.Tech in Water Resources Engineering and Allied specializations with First Class
Desirable	GATE Qualification A prior knowledge of below mentioned skills is desirable <ul style="list-style-type: none">• Hydrological Modelling• Programming skills in R/Python/MATLAB• Good analytical ability and competency in writing skills
Age limit	30 Years (Age relaxation applicable as per institute rules)
Fellowship	Rs 37,000/- per month for the first two years and Rs 42,000/- per month during the third year based on performance
Other Benefits	Candidates have the option of registering for Ph.D. degree at NIT Warangal.
How to apply?	Fill the attached application with this advertisement. Complete and send to email: mahesh@nitw.ac.in ; jdas@nitw.ac.in
Submission mode	Soft copy
Last date to apply	May 25, 2026
Whom to contact?	Prof. N V Umamahesh, Dr. Jew Das Department of Civil Engineering, NIT Warangal 506004 Telangana State, India Mobile: +91 9849730834; 7780169018
Contact Email ID	mahesh@nitw.ac.in ; jdas@nitw.ac.in
Please note: <ul style="list-style-type: none">• The position is purely temporary and liable for termination based on performance.• Please enclose a brief resume/ curriculum vitae and <u>copies of certificates and marks memo</u> along with the applications form• List of eligible candidates will be announced on the institute website and intimated through email.• Shortlisted candidate will have to attend the interview (Online/ Offline).• No TA/DA will be paid for attending interview.	

APPLICATION FOR THE POSITION OF JRF
Advt. NITW/CED/WRE/NVU/JD/01 dated April 24th, 2026

(Enclose a copy of curriculum-vitae; it is compulsory to submit all the supporting documents/marks memos)

1. **Name of the candidate:**
2. **Father's name:**
3. **Mother's name:**
4. **Date of birth (DD/MM/YYYY):**
5. **Gender:**
6. **Marital status:**
7. **Category:**
8. **Phone Number and Email:**
9. **Educational qualifications:**

Qualification Degree	Specialization/ Subjects	University/ Board	Year of Passing	Class	CGPA/ Percentage
M.Tech./ M.E.					
B.Tech./ B.E.					
Intermediate					
S.S.C.					
Any other					

10. **GATE qualification score if any:**
 - a. **Year Appeared:**
 - b. **Score:**
 - c. **All India Rank:**
11. **Research/ Industrial Experience:**
12. **Publications if any:**
13. **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.

Place:
Date:

Signature of the candidate