



**NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 004 TELANGANA**

Advertisement for selection of JRF

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

Date: August 17th, 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	<u>Essential:</u> - 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. GATE is not mandatory. (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. GATE is not mandatory. - B.Tech/ B.E. in Civil Engineering or Agricultural Engineering or Equivalent degree and M.Tech/ M.E in a relevant Civil Engineering specialization. (OR) - B.Tech/ B.E. in Civil Engineering or Agricultural Engineering or Equivalent degree
Desirable Experience	GATE Qualification A prior knowledge of below mentioned skills is desirable •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 first two years and Rs 42,000/- per month during third year based on performance
Other Benefits	GATE qualified candidates are exempted from the written test for registering for Ph.D. degree at NIT Warangal. Candidates without GATE qualification must appear for the written test for the same. However, they need to apply for the position as per the notification at that time.
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	September 17, 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	jdass@nitw.ac.in
Please note: - 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 August 17th, 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