



**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 Mechanical**

**Advertisement for JRF recruitment under a research project**

<b>Project title</b>	Synergizing AR/VR and Hand Gestures to Enhance Industrial Assembly and Disassembly Performance	
<b>Sponsoring agency</b>	ASEAN-ANRF, Govt. of India	
<b>Position title</b>	Junior Research Fellow (JRF)	
<b>Duration (in years)</b>	2 Years	
<b>Number of position(s)</b>	One	
<b>Essential qualification</b>	<p><b>Essential:</b> B.Tech. or B.E. or Equivalent degree in Mechanical/ Production/ Mechatronics/ Electronics &amp; Communication/ Electrical Engineering/ Computer science/ AI &amp; data science and M.Tech./ M.E/ Master's/ M.S (by Research) in relevant Mechanical / Production/ Electronics &amp; Communication/ Electrical Engineering/Mechatronics/ Computer science/ AI &amp; data science in related fields with first class with 60% aggregate or 6.5 CGPA at both UG and PG for GEN/OBC- NCL/GEN- EWS category and minimum 55% aggregate marks or 6.0 CGPA for candidates under SC/ST/PwD category.</p> <p><b>Experience:</b></p> <ul style="list-style-type: none"><li>• Candidate having experience in AR (Augmented Reality) and VR (Virtual Reality) software are computer programs that create immersive digital environments or enhance real-world experiences.</li><li>• AR overlays digital information onto the physical world, while VR immerses users in entirely computer-generated environments. Popular software includes C#, Unity, Unreal Engine, ARKit, ARCore, Vuforia, and Adobe Aero for manufacturing assembly and disassembly process preferable.</li></ul> <p><b>Desirable:</b> Candidates who have experience in AR/ VR application design and develop using programming languages such as python, C#, Unity, Unreal Engine, Vuforia, and Adobe Aero will be preferred.</p>	
<b>Age limit</b>	32 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>Desired qualifications</b>	Candidates who have experience in AR/ VR application design and development using programming languages such as Python, C#, Unity, Unreal Engine, Vuforia, and Adobe Aero will be preferred.	
<b>Emoluments</b>	Rs. 37,000/- per month for the first 2 years	
<b>HRA/ Accommodation</b>	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.	
<b>Job nature</b>	Conducting AR / VR assembly & disassembly training model development using Unity , C#, Python programming and studies; interpreting results and preparing reports.	
<b>Other benefits</b>	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.	
<b>How to apply?</b>	Complete the application (as per the pro form 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>	<b>Google form link:</b> <a href="https://forms.gle/d8JXkKbPkaUrHfHi6">https://forms.gle/d8JXkKbPkaUrHfHi6</a>	
<b>Last date to apply</b>	31/07/2025 @11.59 pm	
<b>Whom to contact?</b>	<b>Dr. Vijay Choyal</b> Assistant Professor, Dept. of Mechanical National Institute of Technology Warangal, 506004 Telangana State, India	<b>Prof. Velagapudi Vasu</b> Professor, Dept. of Mechanical Engineering, National Institute of Technology Warangal, 506004 Telangana State, India
<b>Contact Email ID</b>	<a href="mailto:vijaychoyal@nitw.ac.in">vijaychoyal@nitw.ac.in</a> , <a href="mailto:vasu@nitw.ac.in">vasu@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
- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- 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

Soft copy of the application form can be downloaded from this link: [Application form](#)

**APPLICATION FOR THE POSITION OF JRF**  
**Department of Mechanical**  
**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

<b>10.</b>	<b>Publications/ conference participations</b>	

**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