



## 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.

### ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW (JRF) RECRUITMENT

<b>Project title</b>	Design, optimized dimensions and prototype of a solar vortex engine with energy storage system for electrical energy generation
<b>Sponsoring agency</b>	Anusandhan National Research Foundation (ANRF), Gol
<b>Position title</b>	Junior Research Fellow (JRF)
<b>Duration (in years)</b>	3 Years
<b>Number of position(s)</b>	One
<b>Essential qualification</b>	Aggregate 60% marks or CGPA of 6.5 (on a 10-point scale) at both UG and PG for GEN/ GEN-EWS/OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA (on a 10-point scale) for SC/ ST/ PwD category. Master degree in Thermal Engg, Thermal and Fluid Science, Energy Engineering, R&AC, Computational Fluid Dynamics. (OR) Bachelor's in Engineering / Technology (Mechanical Engg, Energy Engg), with at least CGPA of 7.5/10 or 70% aggregate of marks under GEN/OBC/ EWS category and at least CGPA of 7.0/10 or 65% aggregate for candidates under SC/ST/PWD category. Preference will be given for GATE qualified candidates (but not essential).
<b>Desired qualifications</b>	Exposure in CFD software, setup development, experimental techniques. Good analytical ability and competent in report writing.
<b>Age limit</b>	Age: 30 years for GEN category, 33 years for OBC-NCL and 35 years for SC/ST/PwD/Female candidates
<b>Age relaxation</b>	As per norms and guidelines of the Institute
<b>Emoluments</b>	37,000/- pm for first 2 years and 42,000/- pm for third year.
<b>HRA/ Accommodation</b>	HRA as per institute rules
<b>Job nature</b>	Solar energy related calculations, experimental setup development, CFD simulations using ANSYS Fluent and/or COMSOL.
<b>Other benefits</b>	The selected candidate is eligible to register PhD degree at NIT, Warangal.
<b>How to apply?</b>	The proforma of the application is attached to this advertisement. A single pdf file that contains the filled application with all supporting documents or single zipped file (better less than 15 MB) has to be sent through email: <a href="mailto:vpcm80@nitw.ac.in">vpcm80@nitw.ac.in</a> , <a href="mailto:vpcm80@gmail.com">vpcm80@gmail.com</a>
<b>Submission mode</b>	Soft copy
<b>Last date to apply</b>	29/05/2026 @5.00 pm
<b>Whom to contact?</b>	Dr. Chandramohan V.P., Professor, Department of Mechanical Engineering, National Institute of Technology Warangal – 506 004, Telangana State, India. Contact no: +91 9676425800, 9032459497
<b>Contact Email ID</b>	<a href="mailto:vpcm80@nitw.ac.in">vpcm80@nitw.ac.in</a> , <a href="mailto:vpcm80@gmail.com">vpcm80@gmail.com</a>
<b>Please note:</b>	
<ul style="list-style-type: none"><li>○ The position is purely temporary</li><li>○ Please enclose a brief resume/ curriculum vitae/ bio-data along with the application form</li><li>○ PI Team may put higher cut-off for shortlisting the candidates based on the applications received</li><li>○ List of eligible candidates will be announced on the institute website /and intimated via email or phone.</li><li>○ Shortlisted candidate will have to attend written test and/or interview in OFFLINE mode only.</li><li>○ No TA/DA will be paid for attending the interview.</li></ul>	

**APPLICATION FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)**  
**Design, optimized dimensions and prototype of a solar vortex engine with energy storage**  
**system for electrical energy generation**  
**Advt. No. NITW/Mech/2026/VPCM/ANRF/1**

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

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/PwD
7. **Educational qualifications\***

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.E./B.Tech					
M.E./M.Tech					

**8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified (If Any)**

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

\* Submit soft copies of the supporting documents