



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 UNDER A SERB-GRANTED CRG RESEARCH PROJECT

Project title	Fuel level, property measurements and adulteration detection using ultrasonic sensors technique.
Sponsoring Agency	Science and Engineering Research Board (SERB), INDIA
Position Title	Junior Research Fellow (JRF)
Duration (in years)	Three (03) years
Number of position(s)	One (1)
Essential qualification	<ul style="list-style-type: none">• B.E/B.Tech in Mechanical Engineering with first class• M.E/M.Tech in Mechanical Engineering (Design, or NDT, or any allied specialization) with first class. (current second year M.E/M.Tech students can also apply).• Candidate with a valid GATE score, and whose dissertation work in the area of stress wave analysis/ultrasonic sensors/vibration, allied area, and willing to work in the area of fuel properties/adulteration detection.
Desired qualification	<ul style="list-style-type: none">• Recently passed out students (2020 to 2024) preferable.• The students should have knowledge in FEM simulation software “ABAQUS/ ANSYS, etc.,”• Good knowledge in fluid rheology /fuel properties/adulteration, also, knowledge in ultrasonic (NDT) applications in solids and fluids.
Emoluments	<ul style="list-style-type: none">• Rs. 37000 + HRA per month for the first two years• Rs. 42000 + HRA for the third year
Age Relaxation	<ul style="list-style-type: none">• As per norms and guidelines
Job Nature	Execute the objectives of the Research project.
Other benefits	The selected candidates are eligible for the Ph.D. degree at NIT Warangal, as per the institute rules. However, s(he) needs to apply for a Ph.D. position when the advertisement opens.
How to apply?	The proforma of the application is attached to this advertisement. Complete and send to an email sureshp@nitw.ac.in
Submission mode	Soft copy
Last date to apply	19.8.2024 11:59 PM
Whom to contact?	Dr. P SURESH (PI) Assistant Professor Mechanical Engineering National Institute of Technology Warangal. Warangal 506004, Telangana, India Phone No: 8248754482
Contact Email ID	sureshp@nitw.ac.in

Please note:

- ❖ The position is purely temporary
- ❖ Please enclose a brief resume/curriculum vitae/bio-data along with the application form
- ❖ A list of eligible candidates will be announced on the institute website and also intimated through email or phone
- ❖ The shortlisted candidate will have to attend an interview (online or offline)
- ❖ If the interview needs to be conducted online, candidates are expected to have a good internet connection
- ❖ No TA/DA will be paid to attend the interview

**APPLICATION FOR THE POSITION OF JRF POSITION UNDER SERB SPONSORED
RESEARCH PROJECT**

(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
7. **Educational qualifications**

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

8. **GATE score earned/qualified**

Exam	Year appeared	Score	All India Rank
GATE			

9. **Research/Industrial/Teaching experience**

S. No.	Organization/Industry served	Date/Month of entry	Date/Month of leaving	Month/Years of experience

10. **Publications/conference participation**

11. **Any other relevant information**

Declaration

I, hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of 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 an ONLINE interview if necessary.

Date:

Signature of the candidate