



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 Engineering

**Advertisement for JRF recruitment under ANRF Research
Funded project**

Project title	Development of a Hybrid Mini Channel Cooling System with Embedded Two-Phase Interfaces for Advanced Thermal Management in 5G/6G Electronic Devices
Sponsoring agency	ANRF- IRG SCHEME
Position title	Junior Research Fellow (JRF)
Duration (in years)	Three years or till closure of the project whichever is earlier. Performance of the research fellow will be evaluated every year
Number of position(s)	One
Essential qualification	B.E. / B.Tech. in Mechanical Engineering Degree(First class) and ME/M.Tech in Thermal Engineering /any equivalent specialization Other essential criteria: 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. Candidates with GATE qualification will be given preference
Desired qualifications	<ul style="list-style-type: none">➤ Strong fundamentals in heat transfer, fluid mechanics, and thermodynamics.➤ Familiarity with electronic thermal management using two-phase flow and phase-change phenomena.➤ Hands-on experience in CFD-based numerical modeling (ANSYS Fluent or equivalent platforms)
Age limit	35 years
Age relaxation	Upper age relaxation of up to 5 years for SC/ST/OBC/Women and Physically challenged candidates.
Emoluments	₹ 37,000/- per month for the first two years and ₹ 42,000/- per month for the third year.
HRA/ Accommodation	HRA as per the institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability
Job nature	Candidates are expected to carryout 3D Numerical Simulations using Ansys Fluent and carry out in house experiments
Other benefits	The selected candidate is eligible to register for a Ph.D. degree at NIT Warangal as per the institute rules. However, he/she needs to apply for a Ph.D. position when the advertisement is open
How to apply?	Complete the application in the prescribed format (as per the attached proforma/link provided) and submit it through the following Google Form link, along with a detailed

	bio-data/CV and scanned copies of all educational certificates. All documents, including the caste certificate (if applicable for age relaxation), must be combined and uploaded as a single PDF file. Google form link: https://forms.gle/c5FB3EtYiwZnnk76A
Submission mode	Send a soft copy through email with subject “Application for JRF position” to drsam@nitw.ac.in in and fill the google form.
Last date to apply	31-05-2026
Whom to contact?	Dr. Ch. Sampath Kumar Assistant Professor Department of Mechanical Engineering National Institute of Technology Warangal-506004 Telangana State, India
Contact email id	drsam@nitw.ac.in

Please note:

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the application form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone
- Shortlisted candidates 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
- Interviews may be scheduled in the month of June 2 week

**APPLICATION FOR THE JRF/SRF POSITION UNDER ANRF 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/EWS
7. **Educational qualifications**

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

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 an online/offline interview, if necessary.

Date:

Signature of the candidate