



**NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL**  
**Warangal- 506004, Telangana, India**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Advt. No. NITW/MED/VPCM/DRDO-RCI/JRF/2021/**

**Date: 07-04-2021**

**Advertisement for the position of temporary JRF**

Applications are invited from the interested candidates for one temporary position of **Junior Research Fellow (JRF)** to work in a RCI-DRDO sponsored Project entitled “**Development of Active Cooling for Avionics**”.

**Details of qualifications, Emoluments and duration are given below:**

Project title	<b>Development of Active Cooling for Avionics</b>
Sponsored agency	Research Centre Imarat (RCI), DRDO - Hyderabad
Position title	Junior Research Fellow (JRF)
Duration in years	2 years
No of position	1
Essential Qualifications	First class B. Tech/B.E. in Mechanical Engineering with not less than 60% aggregate or not less than 6.5 CGPA and First class M.Tech/M.E in Mechanical Engineering/Thermal Engg./Heat transfer/CFD/Energy Engg./Ref &AC/ or any other thermal allied specialization, GATE score
Desirable requirements	<b>GATE score</b>
Age limit	NA
Age relaxation	NA
Emoluments	31,000/- pm for two years
HRA/Accommodation	The selected candidate is eligible for on campus Hostel & Mess facilities at their own expenses.
Job nature	Design and simulation of piezo actuated micro blower, Dynamic characterization of micro blowers, Study the flow and heat transfer characteristics of micro blower devices for electronic cooling applications, Experimental investigation on the thermal performance of piezo electric micro blower, CFD modelling and numerical simulation on micro blowers, finding optimal design of micro blowers for control in active noise and vibrations
Other Benefits	The selected candidate is eligible to register for PhD degree at NIT Warangal (if he/she has a valid GATE score). However, he/she needs to apply for PhD position when the advertisement is open.
How to apply?	The application is attached with this advertisement. Complete and send to an email <a href="mailto:vpcm80@nitw.ac.in">vpcm80@nitw.ac.in</a> , <a href="mailto:vpcm80@gmail.com">vpcm80@gmail.com</a>
Submission mode	Softcopy of all degree and final year marks sheet, publications along with one page biodata
Last date to apply	10 <sup>th</sup> May 2021
Whom to contact?	<b>Dr. Chandramohan V.P.,</b> Principal Investigator, Associate Professor, Department of Mechanical Engineering, National Institute of Technology Warangal Warangal – 506004, Telangana, India.
Contact e-mail id	Email: <a href="mailto:vpcm80@nitw.ac.in">vpcm80@nitw.ac.in</a> ; <a href="mailto:vpcm80@gmail.com">vpcm80@gmail.com</a>

Please note,

- The position is purely temporary
- Please enclose 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 e-mail/phone
- Shortlisted candidates will have to attend the interview ONLINE/OFFLINE as per the committees decision
- If interview needs to be conducted online, candidates are expected to have good internet connections
- No TA/DA will be available for attending the interview.

Candidates who are already employed should produce 'No objection Certificate' (NOC) from the employer and students should provide provisional degree certificate or its equivalent at the time of interview. The selected candidate is expected to produce a Relieving Certificate from their employer or provisional degree certificate in case of students and join the duties within a week after intimation of their selection else it would be offered to a candidate in waiting list.

**Dr. Chandramohan V.P.,**

Principal Investigator

Associate Professor, Department of Mechanical Engineering

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Telangana State-506004, India

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Application Format for Junior Research Fellow**

**Ref.: Advt. No. NITW/RCI-DRDO/JRF/2021 dated 24-02-2021**

Full name						Affix photo
Date of birth (DD/MM/YYYY)						
Detailed qualifications (Starting from B. Tech /B.E.)	B. Tech/B.E.			M. Tech./M.E.		
	Branch & % marks / CGPA, class	Year	University	Specialization & % marks/ CGPA/, class	Year	University
GATE score	Score			Year		
Current Position and Organization, if employed						
Experience (academic/research)						
Complete Contact Address						
Mobile number:						
Email ID:						
Publications in Journals (if any)						
Publications (if any)						
Any other relevant information						

**Signature of the Candidate with date**