



# NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

## ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF

### Advertisement for SRF/JRF/RA recruitment under a research project

<b>Project title</b>	Catalyst development for Hydrogen Peroxide dissociation for monopropellant thrusters
<b>Sponsoring agency</b>	RESPOND, ISRO, Department of Space
<b>Position title</b>	Junior Research Fellow (JRF)
<b>Duration (in years)</b>	Two years
<b>Number of position(s)</b>	One
<b>Essential qualification</b>	B.E./ B.Tech/ or equivalent degree in Chemical Engineering / Mechanical Engineering / Chemical Technology / Energy Engineering ME/M.Tech in Chemical Engineering / Mechanical Engineering (Thermal Engineering) / Energy Engineering / Nanotechnology / Environmental Engineering with valid GATE/NET
<b>Age limit</b>	28
<b>Age relaxation</b>	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
<b>Desired qualifications</b>	Prior knowledge/ prior experience in conducting lab experiments, synthesis of nanomaterial, characterization, testing and analysis
<b>Emoluments</b>	Rs. 31,000/- pm for the first 2 years
<b>HRA/ Accommodation</b>	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability
<b>Job nature</b>	The selected candidate needs to work on the development of supported nanomaterial as catalyst for hydrogen peroxide (rocket fuel) decomposition, characterize the catalyst material and conduct the laboratory test of the sample. Research report/article writing and presentation should be made in collaboration with ISRO, LPSC
<b>Other benefits</b>	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However s(he) needs to apply for PhD position when the advertisement is open.
<b>How to apply?</b>	The perform of application is attached with this advertisement. Complete and send to email: <a href="mailto:anjanapa@nitw.ac.in">anjanapa@nitw.ac.in</a>
<b>Submission mode</b>	Soft copy
<b>Last date to apply</b>	11/2/2022@11.59pm
<b>Whom to contact?</b>	Dr. Anjana P A Assistant Professor Chemical Engineering National Institute of Technology Warangal – 506 004 Telangana State, India
<b>Contact Email ID</b>	anjanapa@nitw.ac.in

**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 Interview need to be conducted online, candidates are expected to have good internet connection
- No TA/DA will be paid for attending interview

**APPLICATION FOR THE POSITION OF JRF/SRF/RA/TA POSITION UNDER \_\_\_\_\_ SPONSORED  
RESEARCH PROJECT**

**Advt. No. \_\_\_\_\_ dated DD/MM/YYYY**

(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					
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

**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