



**NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL  
DEPARTMENT OF CHEMICAL ENGINEERING  
ADVERTISEMENT FOR THE SELECTION OF JUNIOR RESEARCH  
FELLOW (DST -SERB -FUNDED RESEARCH PROJECT)**

<b>Project title</b>	<b>DEVELOPMENT OF 3D PRINTABLE COMPOSITE THERMAL SHIELDS USING PHOTOCURE SHORT FIBRE NANO HYBRID RESINS THROUGH REACTIVE ADDITIVE MANUFACTURING PROCESS</b>	
<b>Sponsoring agency</b>	Core Research Grant (CRG) 2021, Science & Engineering Research Board (SERB), Department of Science & Technology (DST), Govt. of India.	
<b>Position title</b>	Junior Research Fellow (JRF)	
<b>Duration (in years)</b>	<b>3 years</b>	
<b>Number of position(s)</b>	<b>One</b>	
<b>Essential qualification</b>	B.E./ B.Tech/ or equivalent degree in Chemical Engineering / Mechanical Engineering / Chemical Technology / Energy Engineering / Polymer engineering and ME/M.Tech in Chemical Engineering / Mechanical Engineering / Energy Engineering / Polymer Engineering/Materials technology/Nanotechnology / Environmental Engineering	
<b>Age limit</b>	30	
<b>Age relaxation</b>	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.	
<b>Emoluments</b>	For JRF Rs. 31,000/- pm for the first 2 years and 35,000/- pm for the third year	
<b>HRA/ Accommodation</b>	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities.	
<b>Job nature</b>	The selected candidate needs to work on the development of thermal shields using nano hybrid resins for 3D printing, testing and analysis, Optimization of process, implementation of project , writing and publishing research articles.	
<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 an email to <a href="mailto:srinath@nitw.ac.in">srinath@nitw.ac.in</a> , <a href="mailto:raghuraj@nitw.ac.in">raghuraj@nitw.ac.in</a>	
<b>Submission mode</b>	Soft copy	
<b>Last date to apply</b>	10/04/2023 @5.00pm	
<b>Whom to contact?</b>	Dr. S. Srinath, Principle Investigator Professor Department of Chemical Engineering National Institute of Technology Warangal – 506 004 Telangana State, India Contact no: +91 9994646610	Dr.Raghu Raja P K, Co-Principle Investigator, Asst. Professor Department of Chemical Engineering National Institute of Technology Warangal – 506 004 Telangana State, India Contact no: +91 9994646610
<b>Contact Email ID</b>	<a href="mailto:srinath@nitw.ac.in">srinath@nitw.ac.in</a> , <a href="mailto:raghuraj@nitw.ac.in">raghuraj@nitw.ac.in</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 applications form</li><li>○ List of eligible candidates will be announced on the institute website and also intimated through email or phone.</li><li>○ Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)</li></ul>		

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

**Advt. No. NITW/2022/Ch.E/SS/SERB/ dated 25/03/2023**

(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.					

**8. GATE qualified ( Y/N)**

Score	Year appeared	Score	All India rank
GATE			

**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