



NATIONAL INSTITUTE OF TECHNOLOGY
Warangal- 506004, Telangana State, India
DEPARTMENT OF CHEMICAL ENGINEERING

Advt. No. NITW/ChE/PVS/SERB-CRG/JRF/2024/1

Date: 10-04-2024

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 on a sponsored research project entitled “**Design and operation of chemical looping combustion of coal and biomass for clean energy production with CO₂, capture**” from SERB under Core research grant.

Details of qualifications, Emoluments and duration are given below:

Name of position	Junior Research Fellow (JRF)
Essential Qualifications	First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) in B. Tech./B.E. in Chemical Engineering / Energy Engineering/ Mechanical Engineering/ Materials Science/ Metallurgical Engineering and allied disciplines and First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) in M.Tech in relevant disciplines. or B. Tech/B. E. in Chemical Engineering/Metallurgy/Materials science/Mechanical Engineering/Energy Engineering/allied disciplines with a valid GATE score and at least a CGPA of 8.0/10 or 75% of marks or First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) M.Sc. Chemistry and allied disciplines with qualified NET/GATE score
	Students graduating by June 2024 can also apply.
GATE score	Qualified GATE score is desirable
Nature of work	Synthesis of nanostructured metal oxides, thermal cycle stability analysis of metal oxides in high temperature furnace reactor.
Duration of project	3 Years
Consolidated salary	Rs. 31,000/- per month for the first 2 years and Rs. 35,000/- per month for 3 rd year Hostel accommodation in the campus will be provided based on the availability.
Other Benefits	The selected candidate is eligible to register for Ph.D. degree at NIT, Warangal.

Interested and eligible candidates may send their application (scanned copy) as per the format given below along with supporting copies of certificates, to pvsuresh@nitw.ac.in by **28-04-2024**. Please mention the subject line of your email as “**Application for the JRF position**” The interview details to the eligible candidates will be notified through e-mail. Candidates are also requested to fill the google form by clicking the following link.

https://docs.google.com/forms/d/e/1FAIpQLSdsiO1aRbPE3GIFdcL9A5E51npqTbNjae1t75MCUgbPYC9wIQ/viewform?usp=pp_url

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. P. V. Suresh, Principal Investigator, Professor, Department of Chemical Engineering, NIT Warangal
Email: pvsuresh@nitw.ac.in; Mobile: 8332969402

APPLICATION FOR THE POSITION OF JRF UNDER SERB SPONSORED RESEARCH PROJECT

Advt. No. NITW/ChE/PVS/SERB-CRG/JRF/2024/1 dated 10/04/2024

Last date to receive the application: **28-04-2024**

(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 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