



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

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

Date: 28-04-2024

**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 CO<sub>2</sub>, 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 <b>and</b> First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) in M.Tech in relevant disciplines.<br><p style="text-align: center;"><b>or</b></p> 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<br><p style="text-align: center;"><b>or</b></p> 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 |
|                          | <b>Students graduating by June 2024 can also apply.</b>   |
| 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. 37,000/- per month for the first 2 years and Rs. 42,000/- per month for 3 <sup>rd</sup> year<br>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](mailto:pvsuresh@nitw.ac.in) by **28-04-2024 12-05-2024**. 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/1FAIpQLSdsiO1aRbPE3GIFdcL9A5E51npqTbNjae1t75MCUgBPY\\_C9wIQ/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSdsiO1aRbPE3GIFdcL9A5E51npqTbNjae1t75MCUgBPY_C9wIQ/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](mailto: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 12-05-2024**

(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