



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

Advt. No. NITW/ChE/PVS/SERB-CRG/JRF/2023

Date: 07-03-2023

**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 (or) not less than 6.5 CGPA on a 10 point scale in B. Tech./B.E. in Chemical Engineering / Mechanical Engineering/ Materials Science And Metallurgical Engineering and allied disciplines.<br><b>and</b><br>First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in M.Tech in relevant disciplines. |
| GATE score               | Desirable  |
| Nature of work           | Synthesis of nanostructured metal oxides, thermal cycle stability analysis of metal oxides in high temperature furnace reactor   |
| Duration of the project  | 3 Years  |
| Consolidated salary      | Rs. 31,000/- per month for the first 2 years and Rs. 35,000/- 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 **27-03-2023**. Please mention the subject line of your email as “**Application for the JRF position**” The interview schedule will be communicated to the eligible candidates through e-mail. Candidates are also requested to fill the google form by clicking the following link.

[https://docs.google.com/forms/d/e/1FAIpQLSdsiO1aRbPE3GIFdcL9A5E51npqTbNjiae1t75MCUgbPYC9wIQ/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSdsiO1aRbPE3GIFdcL9A5E51npqTbNjiae1t75MCUgbPYC9wIQ/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

National Institute of Technology, Warangal - 506004, Telangana, India.

Email: [pvsuresh@nitw.ac.in](mailto:pvsuresh@nitw.ac.in); Mobile: 8332969402

## APPLICATION FORMAT

Ref.: Advt. No. NITW/ChE/PVS/SERB-CRG/JRF/2023; Dated: 07-03-2023

Last date to receive the application: 27-03-2023

|   |                                    |                 |                   |   |             |                   |
|---|------------------------------------|-----------------|-------------------|---|-------------|-------------------|
| <b>Full name</b>  |                                    |                 |                   |   |             |                   |
| <b>Date of birth</b>  |                                    |                 |                   |   |             |                   |
| <b>Gender</b>   |                                    | <b>Category</b> |                   |   |             |                   |
| <b>Detailed qualifications<br/>(starting from B.Tech/<br/>B.E.)</b> | <b>B.Tech/B.E.</b>                 |                 |                   | <b>M.Tech./M.E.</b>                             |             |                   |
|   | <b>Branch<br/>&amp;<br/>CGPA/%</b> | <b>Year</b>     | <b>University</b> | <b>Specializa<br/>tion<br/>&amp;<br/>CGPA/%</b> | <b>Year</b> | <b>University</b> |
|   |                                    |                 |                   |   |             |                   |
| <b>GATE score, if<br/>qualified</b>                                 | <b>Score</b>                       |                 |                   | <b>Year</b>                                     |             |                   |
|   |                                    |                 |                   |   |             |                   |
| <b>Experience</b>   |                                    |                 |                   |   |             |                   |
| <b>Contact address</b>  |                                    |                 |                   |   |             |                   |
| <b>Telephone/mobile<br/>number</b>                                  |                                    |                 |                   |   |             |                   |
| <b>Email ID</b>   |                                    |                 |                   |   |             |                   |
| <b>Publications in<br/>journals (if any)</b>                        |                                    |                 |                   |   |             |                   |
| <b>Publications in<br/>conferences (if any)</b>                     |                                    |                 |                   |   |             |                   |
| <b>Any other relevant<br/>information</b>                           |                                    |                 |                   |   |             |                   |

Name and Signature