



राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)
(An Institute of National Importance under Ministry of Education, Govt. of India)
तेलंगाना / Telangana - 506004, India.
Department of Chemical Engineering

Advertisement for JRF recruitment under ANRF Research Funded project

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|--------------------------------|---|
| Project title | Mechanistic insights of CO ₂ Conversion into Methane over Engineered Perovskite-based catalysts under mild conditions |
| Sponsoring agency | ANRF- IRG |
| Position title | Junior Research Fellow (JRF) |
| Duration (in years) | Three years or till closure of the project whichever is earlier. Performance of the research fellow will be evaluated every year |
| Number of position(s) | One |
| Essential qualification | M.E./M.Tech/M.Sc./M.S. degree in Chemical Engineering/ Petrochemical/ Materials/ Metallurgical/Chemistry/Energy Engineering or other specializations relevant to Heterogeneous Catalysis, with a minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG levels for GEN/GEN-EWS/OBC-NCL categories, and a minimum of 55% aggregate marks or 6.0 CGPA for SC/ST/PwD categories or B.E. or B. Tech degree in Chemical Engineering/ Petrochemical/ Energy Engineering/ Materials or other specializations relevant to Heterogeneous Catalysis, are eligible if they have secured at least 65% aggregate marks or 7.0 CGPA for GEN/GEN-EWS/OBC-NCL categories, and at least 60% aggregate marks or 6.5 CGPA for SC, ST, and PwD categories Candidates with GATE qualification will be given preference |
| Desired qualifications | <ul style="list-style-type: none">• Ability to independently execute experimental procedures, with a focus on catalyst development, characterization techniques, and laboratory best practices• Familiarity with computational tools for data analysis, modelling, and interpretation of experimental results |
| Age limit | The maximum age limit is 28 years for the GEN/ GEN-EWS category, 31 years for OBC-NCL, and 33 years for SC/ST/PwD/Female candidates. |
| Emoluments | ₹ 37,000/- per month for the first two years and 42,000/- per month for the third year. |
| HRA/ Accommodation | HRA as per the institute rules. |
| Job nature | The selected candidate is expected to work on development of engineered perovskite catalyst and catalytic studies for CO ₂ methanation |
| Other benefits | The selected candidate is eligible to register for a Ph.D. degree at NIT Warangal as per the institute rules. However, he/she needs to apply for a Ph.D. position when the advertisement is open |

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| How to apply? | Complete the application in the prescribed format (as per the attached proforma/link provided) and submit it through the following Google Form link, along with a detailed bio-data/CV and scanned copies of all educational certificates. All documents, including the caste certificate (if applicable for age relaxation), must be combined and uploaded as a single PDF file. Google form link: https://forms.gle/Djq8EL47iDj7ijYZ9 |
| Submission mode | Send a soft copy through email with subject “Application for JRF position under ANRF project” to anilch@nitw.ac.in and fill the google form. |
| Last date to apply | 19-05-2026 |
| Whom to contact? | Dr. Ch. Anil Assistant Professor Department of Chemical Engineering National Institute of Technology Warangal-506004 Telangana State, India |
| Contact email id | anilch@nitw.ac.in |

Please note:

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the application form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone
- Shortlisted candidates will have to attend an interview (ONLINE/OFFLINE)
- If interviews need to be conducted online, candidates are expected to have a good internet connection
- No TA/DA will be paid for attending the interview
- Interviews may be scheduled in the month of May 4th week

**APPLICATION FOR THE JRF/SRF POSITION UNDER ANRF SPONSORED
RESEARCH PROJECT**

(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/EWS
7. **Educational qualifications**

| Degree | Specialisation/ subjects | Board/ University | Year of passing | Class | Percentage/ CGPA |
|---------------|-----------------------------|-------------------|--------------------|-------|---------------------|
| SSC | | | | | |
| Intermediate | | | | | |
| B.E/ B.Tech | | | | | |
| M.E./ 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 |
|-------|----------------------------------|-------------------------|---------------------------|--------------------------------|
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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 an online/offline interview, if necessary.

Date:

Signature of the candidate