



**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

Ref. no. NITW/2026/Ch.E/ChA/ANRF IRG/JRF

Date: 25.06.2026

**Advertisement for JRF recruitment under ANRF Research Funded project**

|                                |   |
|--------------------------------|---|
| <b>Project title</b>           | Mechanistic insights of CO <sub>2</sub> Conversion into Methane over Engineered Perovskite-based catalysts under mild conditions  |
| <b>Sponsoring agency</b>       | ANRF- IRG   |
| <b>Position title</b>          | Junior Research Fellow (JRF)  |
| <b>Duration (in years)</b>     | Three years or till closure of the project whichever is earlier. Performance of the research fellow will be evaluated every year  |
| <b>Number of position(s)</b>   | One   |
| <b>Essential qualification</b> | 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<br>or<br>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<br><b>Candidates with GATE qualification will be given preference</b> |
| <b>Desired qualifications</b>  | <ul style="list-style-type: none"><li>• Ability to independently execute experimental procedures, with a focus on catalyst development, characterization techniques, and laboratory best practices</li><li>• Familiarity with computational tools for data analysis, modelling, and interpretation of experimental results</li></ul>  |
| <b>Age limit</b>               | 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.  |
| <b>Emoluments</b>              | ₹ 37,000/- per month for the first two years and 42,000/- per month for the third year<br>Note : The emoluments will be provided as per ANRF norms for the selected non-GATE/NET candidate  |
| <b>HRA/ Accommodation</b>      | HRA as per the institute rules  |
| <b>Job nature</b>              | The selected candidate is expected to work on development of engineered perovskite catalyst and catalytic studies for CO <sub>2</sub> methanation   |
| <b>Other benefits</b>          | 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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|---------------------------|--|
| <b>How to apply?</b>      | 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.<br>Google form link: <a href="https://forms.gle/R3RsE8CzhUKAqrBm9">https://forms.gle/R3RsE8CzhUKAqrBm9</a> |
| <b>Submission mode</b>    | Send a soft copy through email with subject “Application for JRF position under ANRF project” to <a href="mailto:anilch@nitw.ac.in">anilch@nitw.ac.in</a> and fill the google form.  |
| <b>Last date to apply</b> | 05-07-2026   |
| <b>Whom to contact?</b>   | Dr. Ch. Anil<br>Assistant Professor<br>Department of Chemical Engineering<br>National Institute of Technology<br>Warangal-506004<br>Telangana State, India   |
| <b>Contact email id</b>   | <a href="mailto:anilch@nitw.ac.in">anilch@nitw.ac.in</a>   |

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 2<sup>nd</sup> week of July

