



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

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

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	03-06-2026
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