



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.

Advertisement for JRF recruitment under ANRF Sponsored Research Project

Advertisement No.: MMED/SRF/ECRG-RS36037/JRF/

Date: 24/08/2026

Project title	High-Efficiency, Low-Cost Green Hydrogen Production via Corrosion-Resistant and Conductive Coatings on Structural Porous Transport Layers and Bipolar Plates in PEM Water Electrolyzers
Sponsoring agency	ANRF
Position title	Junior Research Fellow (JRF)
Duration (in years)	Maximum 3 years or till the completion of project tenure (whichever is earlier)
Number of position(s)	One
Essential qualification	Essential Qualification B.Tech./B.E. or equivalent degree in Metallurgical and Materials Engineering, Materials Engineering, Mechanical Engineering, or Chemical Engineering, and M.Tech./M.E. in Metallurgical and Materials Engineering, Materials Engineering, Mechanical Engineering, Chemical Engineering, or other closely related fields, with a minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG levels for GEN/GEN-EWS/OBC-NCL candidates and 55% aggregate marks or 6.0 CGPA for SC/ST/PwD candidates. GATE score is not mandatory. OR B.Tech./B.E. or equivalent degree in Metallurgical and Materials Engineering, Materials Engineering, Mechanical Engineering, or Chemical Engineering, with a minimum of 70% aggregate marks or 7.5 CGPA for GEN/GEN-EWS/OBC-NCL candidates and 65% aggregate marks or 7.0 CGPA for SC/ST/PwD candidates. GATE score is not mandatory. OR MSc in Materials Science/ Nanoscience and Nanotechnology/ Energy Materials with M.Tech. in Materials Science/ Metallurgy/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering/ Energy Materials with minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG (wherever applicable) for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category. GATE/ UGC/ CSIR/ INSPIRE/ NET not mandatory OR M.Sc. in Physics/ Chemistry/ Materials Science/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering/ Energy Materials with minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG (wherever applicable) for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category. GATE/ UGC/ CSIR/ INSPIRE/ NET not mandatory <u>Desirable:</u> Preference will be given to the candidates qualified in GATE/ UGC/ CSIR/INSPIRE/ NET

	or any relevant national level exam and prior experience in coating fabrication and Hydrogen generation systems
Age limit	30 years for the GEN/ GEN-EWS category, 33 years for OBC-NCL, and 35 years for SC/ST/PwD/Female candidates as on commencement date of this notification.
Desired qualifications	Candidates who have relevant experience in Electrolyzers/ Fuel cells/ Coatings/Electrochemical characterization will be preferred.
Emoluments	Rs. 37,000/- pm for the first 2 years and 42,000/- pm for the third year.
HRA/Accommodation	HRA as per the govt. rule application for NIT Warangal. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Procurement of equipment, conducting experiments related to the research project, interpreting the results, and preparing reports, as required for the successful execution of the project.
Other benefits	The selected candidates are eligible to register for a Ph.D. degree at NIT Warangal as per institute rules. However, candidate needs to apply for a Ph.D. position when the advertisement is open.
How to apply?	Complete the application form (as per the link provided) and submit via google form (as per the link provided below) along with the Bio-data/CV and scanned copy of certificates in a single pdf file . GOOGLE FORM LINK: “Click here to apply through Google Form”
	Link for downloading the application form: Click here to download the Application form
Submission mode	Soft copy through email and google form
Last date	14/09/2026 till 11.59PM
Whom to contact?	Name: Dr. S Roohan Farooq Lala Designation: Assistant Professor Department: Metallurgical and Materials Engineering National Institute of Technology Warangal – 506 004 Telangana State, India.
Contact Email ID	roohanfarooq@nitw.ac.in
Please note: • The position is purely temporary • Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications 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 or OFFLINE) • If interviews need to be conducted online, candidates are expected to have a good internet connection and on camera facility • No TA/DA will be paid for attending the interview	



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**APPLICATION FOR THE POSITION OF JRF POSITION UNDER ANRF SPONSORED
RESEARCH PROJECT**

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Date: 24/08/2026

(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 (Class X)					
Intermediate (Class XII)/ Diploma					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. **GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified**

Score	GATE Subject	Year appeared	Score	All India rank
GATE/ NET (mention)				

9. **Research/Industrial/Teaching experience**

S.No.	Name of Organization/ industry	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****Place:**