



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF

Advertisement for **SRF/JRF/RA** recruitment under a research project

Project title	A circular economy solution: Recycling spent Lithium ion battery cathode to catalysts for volatile organic compound degradation
Sponsoring agency	TEXMiN foundation
Position title	Junior Research Fellow (JRF)
Duration (in years)	Two years
Number of position(s)	One
Essential qualification	Essential: B.Tech/ B.E or Equivalent degree in Chemical Engineering/ Mechanical Engineering/ Metallurgy /Petrochemical Engineering/ Petroleum Technology/ Nanotechnology/ Instrumentation and Control Engineering/ EEE/ Electrochemical Engineering/ Chemical Technology/ Polymer Engineering Technology/ Energy Engineering/ Environmental Engineering and allied disciplines and M.Tech. or M.E in Chemical Engineering/ Mechanical Engineering/ Petrochemical Engineering/ Petroleum Technology/ Process Control and Instrumentation/ Control Systems/ Polymer Technology/ Energy Engineering/ Nanotechnology/ Environmental Engineering and allied areas. (OR) B.Tech/B.E. or Equivalent degree in Chemical Engineering/ Mechanical Engineering/ Metallurgy /Petrochemical Engineering/ Petroleum Technology/ Nanotechnology/ Instrumentation and Control Engineering/ EEE/ Electrochemical Engineering/ Chemical Technology/ Polymer Technology / Energy Engineering/ Environmental Engineering and allied disciplines with valid GATE score (OR) M.Sc (Chemistry, Physics, Material Science, Environmental Science, Polymer Science, Nanotechnology, and allied areas). The candidate should have GATE/CSIR/UGC NET/GPAT/DST-Inspire Fellowship.
Age limit	30 years
Age relaxation	As per norms and guidelines of the Institute
Desired qualifications	Prior experience working in Machine learning / DFT simulations / battery recycling / extraction techniques are desirable. Experience in writing technical papers or communications.
Emoluments	Rs. 37,000/- pm
HRA/ Accommodation	HRA as per institute rules.
Job nature	Execute the objectives of research projects (ML for extraction optimization, DFT of materials, extract valuable metals, synthesis and testing catalytic activity of the material), write research articles and communicate
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However s(he) needs to apply for PhD position when the advertisement is open.
How to apply?	The perform of application is attached with this advertisement. Complete and send to email: anjanapa@nitw.ac.in
Submission mode	Soft copy
Last date to apply	20-12-2025 @ 11.59 pm
Whom to contact?	Dr. Anjana P A, Assistant Professor (PI) or Prof. S Srinath, Professor (Co-PI), Chemical Engineering Department, National Institute of Technology Warangal – 506 004, Telangana State, India
Contact Email ID	anjanapa@nitw.ac.in or srinath@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 candidate will have to attend an interview (ONLINE/OFFLINE) ○ If Interview need to be conducted online, candidates are expected to have good internet connection ○ No TA/DA will be paid for attending interview	

**APPLICATION FOR THE POSITION OF JRF/SRF/RA/TA POSITION UNDER _____ SPONSORED
RESEARCH PROJECT**

Advt. No. _____ dated DD/MM/YYYY

(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					
Intermediate					
B.Sc./ B.E./B.Tech					
M.Sc./ 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

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