



**NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL**
ADVERTISEMENT FOR THE SELECTION OF JUNIOR RESEARCH
FELLOW (Form – E-3)

Advertisement for JRF recruitment under a research project

Project title	Development of Hard Carbon with Tailored Physicochemical Properties from Tire Waste for Sodium-Ion Battery Applications
Sponsoring agency	MAHA EV – ANRF
Position title	Junior Research Fellow (JRF)
Duration (in years)	5 years
Number of position(s)	1
Essential qualification	Category-A: B.E./ B. Tech equivalent degree in Chemical Engineering / Mechanical Engineering / Biotech/Civil/Metallurgy /Polymer engineering and ME/M. Tech/ in Chemical Engineering / Mechanical / Energy Engineering / Nanotechnology / Biotech/Civil/Environmental Engineering (GATE is not mandatory) Or Category-B: M.Sc. in Physics/Chemistry/ Materials Science/ Nanoscience and Nanotechnology with GATE /NET qualification. Category-A&B: Candidates with a minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG 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. Or Category-C: B.E./ B. Tech equivalent degree in Chemical Engineering / Mechanical Engineering / Biotech/Civil/Metallurgy /Polymer engineering Category-C : Candidates with Bachelor's degree in Engineering/ Technology with at least CGPA of 7.5/10 or 70% of marks under GEN/ GEN-EWS/ OBC-NCL category and at least CGPA of 7.0/10 or 65% under SC/ ST/ PwD category
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.
Desired qualifications	Candidates with experience in materials with knowledge in characterization and analysis etc.
Emoluments	First 2 years: ₹37,000/month + 20% HRA From 3rd year: ₹42,000/month + 20% HRA
Job nature	The selected candidates need to work on synthesis of hard carbon for Na-ion batteries
Other benefits	The selected candidates may register for PhD as per institute rules. However, s(he) needs to apply for PhD position when the advertisement is open.
How to apply?	Complete and send to an email to manohar@nitw.ac.in Subject line for JRF: Application for JRF position under MAHA EV ANRF project (Jul2025)
Submission mode	Soft copy / Email
Last date to apply	20/07/2025
Whom to contact?	Prof. Manohar Kakunuri Principle Investigator Department of Chemical Engineering National Institute of Technology Warangal Telangana State, India
Contact Email ID	manohar@nitw.ac.in
Please note: ○ The position is purely temporary ○ Please enclose a brief resume/ curriculum vitae/ biodata 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 POSITION UNDER MAHA-EV-ANRF PROJECT**Advt. No. NITW/2025/Ch.E/SHS-SV-AVV/MAHAEVANRF dated 16/06/2025**

(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.					

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****12. Contact email and phone number****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