



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF (Form – E-3)

Advertisement for JRF recruitment under a research project

Advt. No.: NITW/ChE/ASR/DST/JRF2

Date: 02/07/2021

Project title	Development of Advanced Automatic Control based Wastewater Treatment Process towards Sustainable Water-Food-Energy Nexus
Sponsoring agency	DST
Position title	Junior Research Fellow (JRF)
Duration (in years)	3
Number of position(s)	One
Essential qualification	<ul style="list-style-type: none">• B.E./ B.Tech/ or equivalent degree in <u>Chemical Engineering/Environmental Engineering/Civil Engineering/Instrumentation and Control Engineering/Biotechnology or relevant discipline</u>(First class/ Second class)• ME/M.Tech in <u>Chemical Engineering / Environmental Engineering / Process Control & Instrumentation / Process Control / Instrumentation & Control Engineering or related specialization</u>• GATE qualification (need not have valid GATE score)
Age limit	35 years
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Desired qualifications	Prior knowledge/ prior experience in Life cycle assessment, Wastewater treatment /operation etc.
Emoluments	Rs. 31,000/- pm for the first 2 years and 35,000/- pm for the third year. Note: Salary is paid as per the guidelines of DST from time to time and fund received in each year.
HRA/ Accommodation	16% HRA is admissible as per the project sanction order guidelines. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	<ul style="list-style-type: none">• Experimental work to characterize the wastewater using respirometry• Collection of wastewater samples• Development of mathematical models for activated sludge processes consisting of sequencing batch reactor (SBR)• Simulation studies on wastewater treatment plant layouts using MATLAB and GPS-X software tools.• Development and implementation of advanced control schemes on SBR based wastewater treatment plants.• Analysis of water-energy-food nexus
Other benefits	The selected candidate is eligible to register for PhD degree at NIT, Warangal as per institute rules. However he/she needs to apply for PhD position when the advertisement is open.

How to apply?	The format of application is attached with this advertisement. Complete it and send to seshtagiri@nitw.ac.in
Submission mode	Soft copy (a single PDF file consisting of application and proofs of qualifications and experience)
Last date to apply	23/07/2021
Whom to contact?	Dr. SESHAGIRI RAO AMBATI Principal Investigator, Associate Professor, Department of Chemical Engineering National Institute of Technology, Warangal - 506004, Telangana, India. Mobile: 8332969407
Contact Email ID	seshtagiri@nitw.ac.in
Please note:	
<ul style="list-style-type: none"> ○ 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 (through ONLINE mode) ○ For conducting interview through online mode, candidates are expected to have good internet connection. ○ No TA/DA will be paid for attending interview 	

APPLICATION FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF) UNDER DST SPONSORED RESEARCH PROJECT

Advt. No. ----- dated -----

(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