

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015
DEPARTMENT OF CHEMICAL ENGINEERING

ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW

NITT/CHL/DST-WTI/JRF/2023

Dated 03.01.2023

Applications are invited from Indian Nationals only for Project Positions as per the details given below, (for research projects, under the principal investigator **Dr. Samsudeen. N, Chemical Engineering Department, in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

Title of the Project	:	Energy Conservative Approach Towards Sewage Water Treatment Integrated with Power Generation and Desalination Using Exoelectrogen and Algal Biocathode
Funding Agency for the Project specimen	:	DST, WTI scheme
Project Positions and Number	:	Junior Research Fellow (JRF) - 1 No.
Qualification	:	M.E/M.Tech in Biotechnology or Chemical Engineering or Environmental Engineering or M.Sc. in Microbiology or any other appropriate / relevant specialization selected through any one of the Following: a) National Eligibility Tests –CSIR –UGC NET including lectureship (Assistant Professorship) and GATE. b) The selection process through National level examinations conducted by Central Government Departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. <i>*Knowledge in the area of wastewater treatment using Microbial Fuel Cell / Bioelectrochemical System/ are preferred.</i>
Emoluments	:	Rs. 31000/- + HRA as per Institute norms.
Duration:	:	Three Years
Job Description:	:	a. Investigate the Sewage Water Treatment Integrated with Power Generation and Desalination Using Exoelectrogen and Algal Biocathode b. Compilation of Results, Report Preparation and Presentation c. Selected candidate is eligible to register for Ph.D. as per institute norms.

Other Instructions

- A.** Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- B.** Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Principal Investigator through **Registered/ Post**.
- C.** Application should be furnished only in the prescribed format.
- D.** Experience including research, industrial field and others.
- E.** Attested copies of degree/ certificate and experience certificate
- F.** Candidates shall bring along with them the original certificates at the time of interview for verification.
- G.** Please note that no TA/DA is admissible for attending the interview.
- H.** PI Can be reached through the mail (samsudeen@nitt.edu / dheen003@gmail.com) with the subject marked as “**JRF- WTI-DST 2022**”
- I.** PI Address for the correspondence.
Dr. N. Samsudeen, Associate Professor, Department of Chemical Engineering, NIT, Tiruchirappalli-620015.
- J.** The last date and time of submission of duly filled in application is **31.01.2023**.

Dr. Samsudeen.N
Principal Investigator

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015
DEPARTMENT OF CHEMICAL ENGINEERING**

APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW

<p align="center">For Office Use only</p> <p>Serial Number allotted to the Applicant</p> <p align="center">Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size colour Photograph</p>
--	---

APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW

1. Name of the Candidate in full					
2. Nationality					
3. Mother Tongue					
4. Date of Birth	Date	Month	Year		
5. Sex	Male / Female				
6. Marital Status	Married / Single				
7. Category SC / ST / OBC / General	Please specify				
8. Address for communication with Mobile number and E Mail ID					
9. Project Title					
10. Name of the Post applied for					
11. Advertisement Number with Date					
Academic Career : Enclose photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC onwards					
Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

Enclose self-attested Xerox copies

12. GATE ScoreSubject
.....Year.....

13. NET Score
.....Subject.....Year.....
.....

14. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

15. Previous Research work and publication, if any (enclose copies of published or unpublished work)

16. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

17. Reference

Name	Address	Phone & E Mail ID

18. I do not have a relative among Faculty and Staff of the NIT, Trichy.

19. Declaration: I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date:

Full signature of the Applicant

List of Enclosures: (1)

(2)

(3)

(4)