

ADVERTISEMENT IN NITT WEBSITE FOR RECRUITEMENT OF PROJECT STAFF -SPECIMEN

(Important note: This is a Specimen only. Under the approval of the HoD concerned, Project Investigator can modify the content according to the requirement of the Project)

Dated: 18.10.2023

Applications are invited from Indian Nationals only for Project Positions as per the details given below, (for research project, under the principal investigator Dr. Debashis Majhi, DST-Inspire faculty) (Department of Chemistry), in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1. Title of the Project: Improve Protein Stability and Activity using Ionic Liquids
2. Funding Agency for the Project specimen: Inspire Faculty Fellowship Grant, Department of Science and Technology (DST), Government of India, (reference no: DST/INSPIRE Faculty/BATCH-19/2023/IFA22-CH376)
3. Project Positions and Number: Project Associate and one
4. Qualifications: Essential: B.Sc. and M.Sc. in Chemistry with First class or CGPA 6.0 and above, Desirable: GATE or NET qualified
5. Emoluments: Rs-31,000/month for first two years, and 35,000/month (afterward till the end of the project) for NET/GATE qualified candidates or Rs-25,000/month for first two years, and 28,000/month (afterward till the end of the project) for non-NET/GATE qualified candidates.
6. Duration: 5 years or until the project is end.
7. Job Description

The objective of the project is to design ionic liquids and use them to improve protein stability and activity. Ionic liquids (ILs) are a new class of compounds that have received wide attention as green solvent alternatives. Ionic liquids have many unique properties that conventional fluids do not have, but also because the unique properties are highly advantageous for various kinds of applications. The project consists of two parts:

The first part of the project, deals with the synthesis and characterization of various ionic liquid materials. The next part of the project will be extended to use ionic liquids to improve protein stability and activity. For this purpose, various spectroscopic techniques such as UV-Vis absorption, fluorescence, time-resolved fluorescence and nuclear magnetic resonance (NMR) will be explored to understand the ionic liquid media.

The successful applicant will work with Dr. Debashis Majhi (principal investigator) for driving this project smoothly, performing the necessary experiments, interpreting them and writing reports and scientific publications in high-ranked journals.

- 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. The last date and time of submission of duly filled in application **03.11.2023 at 5 PM**. The application should be submitted only in the prescribed format. 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 or Mail (debashis@nitt.edu).
- I. The interview date and time and mode of interview will be intimated through email for the shortlisted candidates.

Debashis Majhi

DEBASHIS MAJHI

Name and Signature of the Principal Investigator

OFFICE OF THE DEAN (R & C), NIT, TIRUCHI
RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE POST OF RESEARCH ASSOCIATE / JRF / SRF / TECHNICAL STAFF – SPECIMEN TEMPLATE

(Important note: This is specimen template. Project Investigator can modify according to his requirement)

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant</p> <p style="text-align: center; margin-top: 20px;">Signature of the Application Screening Committee Chairman</p>	<p style="text-align: center;">Paste here your recent passport size colour Photograph</p>
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APPLICATION FOR THE POST OF RESEARCH ASSOCIATE / JRF / SRF/ TECHNICAL STAFF

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	

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

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

16. Reference

Name	Address	Phone & E Mail ID

17. I do not have a relative among Faculty and Staff of the NIT, Tiruchy.

18. 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)