

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI-620015
DEPARTMENT OF CHEMISTRY

Advt. No: NITT/CHY/SM/DST- Materials MAP/2024

Date: 20.08.2024

ADVERTISEMENT FOR RECRUITEMENT OF JUNIOR RESEARCH FELLOW

Applications are invited from eligible Indian Nationals for the position of a **Junior Research Fellow (JRF) or a Project Associate-I** as per the details given below for the DST-Materials MAP (File No. DST/TMD/IC-MAP/2K20/03 (C)) research project titled “**Collaborative Research for Accelerated Development of Materials & Devices for Energy Harvesting and Conservation Technologies**” under the principal investigator Dr. Sarthak Mandal, Assistant Professor Department of Chemistry, National Institute of Technology Tiruchirappalli, Tiruchirappalli-620015, Tamil Nadu, India.

Position & Number of Vacancy	Junior Research Fellow (JRF)/Project Associate-I No. of Vacancies: 01
Essential Qualification	<p>Junior Research Fellow (JRF): Post Graduate Degree in Chemistry/Chemical Science selected through a process described through any one of the following:</p> <ul style="list-style-type: none"> • Scholars who are selected through National Eligibility Tests –CSIR-UGC NET including lectureship (Assistant Professorship) and GATE • The selection process through National Level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISC, IISER, NISER etc. <p style="text-align: center;">(or)</p> <p>Project Associate - I Master's degree in Chemistry/Chemical Science from a recognized university or equivalent</p>
Salary	<p>For GATE/NET Qualified Candidates</p> <p>JRF: Rs. 31,000 per month + 18% HRA to Scholars who are selected through (a) National Eligibility Tests –CSIR-UGC NET including lectureship (Assistant Professorship) or GATE.</p> <p style="text-align: center;">(or)</p> <p>For Non-GATE/Non-NET Candidates</p> <p>Project Associate- I: Rs. 25,000 per month + 18% HRA for scholars who are not selected through National Eligibility Tests –CSIR-UGC NET including lectureship (Assistant Professorship) or GATE.</p>

Job Description	1. Design, Synthesis and Characterization of Organic/Inorganic Hybrid Perovskite Materials 2. Compilation of Results 3. Report Preparation and Presentation 4. The selected candidates will be permitted to register for the Ph.D. program as per NITT rules and regulations.
Duration of Project	12 Months (Tenure extension based on fund availability, and performance review)

Important Instructions to the Candidates:

- A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- B. Eligible candidates desiring to appear for the interview may send their duly filled applications (**only in the prescribed format given in this advertisement**) along with the relevant supporting documents as a single pdf file (**pdf file must be named as: Your Name_Date of Birth.pdf**) by email to: smandal@nitt.edu or by post to Dr. Sarthak Mandal, Assistant Professor, Department of Chemistry, National Institute of Technology Tiruchirappalli - 620015. The subject line of the email/post must be written as **“Application for JRF/ Project Associate-I Position – DST Materials MAP”**
- C. The relevant supporting documents include
 - (i) Experience in research if any
 - (ii) Attested copies of degree certificates and mark sheets, first page of the M. Sc. project report, etc.
- D. Preference will be given to the candidate with excellent academic record, research potential, relevant experience and good communication skill. However, the selection of the candidate would be based on their performance in the interview. The decision of the selection committee is final.
- E. The date of interview will be communicated to the shortlisted candidates by E-mail only.
- F. Candidates shall keep 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. For any clarification, you can contact: Dr. S. Mandal (Email: smandal@nitt.edu Phone: 8158805377)
- I. **The last date of submission of duly filled application is 15.09.2024**

Dr. Sarthak Mandal, Principal Investigator (PI)

Assistant Professor, Department of Chemistry,
National Institute of Technology Tiruchirappalli,
Tiruchirappalli, 620015, Tamil Nadu

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;">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, Trichy.

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)