

OFFICE OF THE DEAN (R & C), NIT TIRUCHIRAPPALLI  
ADVERTISEMENT IN NITT WEBSITE FOR THE RECRUITMENT OF SENIOR RESEARCH  
FELLOW (SRF)

Dated: 08-08-2023

Applications are invited from Indian Nationals only for the position of **Senior Research Fellow** as per the details given below, for the **SERB** research project, under the principal investigator **Dr. D. Nagarajan**, **Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli – 620 015, Tamil Nadu.**

1. Title of the Project : Study of Room Temperature Forming Behavior of CP-Ti and Ti-6Al-4V Alloy Sheets during the Incremental Forming Process for Cranial Applications.
2. Name of the Funding Agency : SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
3. Name of the P.I and name of the Department : Dr. D. Nagarajan, Department of Metallurgical and Materials Engineering.
4. Status of Positions available : Post vacant - **Senior Research Fellow**  
No of vacancies – **1 (One)**
5. Qualifications : 1) B. E / B. Tech in Metallurgy / Metallurgical Engg. / Metallurgical and Materials Engineering / Materials Engineering / Mechanical Engineering / Production Engineering with 2 years' experience in metallurgy related Research & Development in Industrial and Academic Institutions or Science and Technology Organizations with national level test score selected through any one of the following:
  - a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or **GATE**  
or
  - b) A selection process through National level examinations conducted by Central Government Departments and their agencies and institutions such as DST, DBT, DOS, DAE, DRDO, MOE, ICAR, ICMR, IIT, IISc, IISER etc.  
(OR)2) B.E/B.Tech in Metallurgy / Metallurgical Engg. / Metallurgical and Materials Engineering / Materials Engineering / Mechanical Engineering / Production Engineering and M.E / M. Tech in Metallurgy /Metallurgical Engineering /Metallurgical and Materials Engineering / Materials Engineering / Mechanical Engineering / Production Engineering with national level test score selected through any one of the following:
  - a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or **GATE**  
or
  - b) A selection process through National level examinations conducted by Central Government Departments and their agencies and institutions such as DST, DBT, DOS, DAE, DRDO, MOE, ICAR, ICMR, IIT, IISc, IISER etc.  
(OR)3) **PhD in Metallurgical and Materials Engineering/ Materials Engineering.**  
Prior experience in the area of metal forming is preferred in addition to the qualifications mentioned in Sl. Nos: 1 to 3.

6. Emoluments : i) Rs. 35000/month + 16% HRA to candidates who cleared the competitive tests mentioned in Sl. No: 1a) & b) or 2a) & b)  
Or  
ii) Rs. 28,000/month + 16% HRA to candidates who didn't qualify in the competitive tests mentioned in Sl. No: 1a) & b) or 2a) & b).
7. Duration : Three years (Extended every year based on performance)
8. Job Description : Design and conduct of experiments, characterization, analysis, report, and manuscript preparation.
9. Scheduled date of commencement of project : September 2023.
10. Copy of the web advertisement in NITT website and Copy of the press advertisement : Copy enclosed.

**Points to be noted:**

- A. Candidates desire to appear for the Interview should submit their application in the given prescribed format with the necessary documents to the Office of the Principal Investigator through Registered/ Speed Post only.
- B. Attested copy of all certificates should be submitted along with the application. Experience includes research, teaching, industry and others.
- C. Candidates must produce all the original certificates at the time of interview for verification.
- D. Please note that no TA/DA is paid for attending the interview.
- E. The last date for receiving the application is on or before 28.08.2023 (Monday).

**Sd/- (Dr.D. Nagarajan)**  
**Name and Signature of the Principal Investigator**

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI**  
**RECRUITMENT OF TEMPORARY PROJECT STAFF -- PRESCRIBED APPLICATION**  
**FOR THE POST OF SENIOR RESEARCH FELLOW (SRF)**

<p style="text-align: center;"><u>For Office Use only</u></p> <p>Serial Number allotted to the Applicant.</p> <p>.....</p> <p>Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size colour Photograph</p>
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**APPLICATION FOR THE POST OF SRF**

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					
12. Academic Career: Enclose self-attested photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPA from HSC onwards					
Name of Exam	Institution	Board/ University	Broad subjects of study	Year of Passing	% of marks / CGPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

13. GATE 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)

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

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17. References

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 declare 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)