

**DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015.**

NITT/R&C/ISRO-RESPOND/MME/VM/2019-20/01

Dated: 20/11/2019

Applications are invited from Indian Nationals only for the position of **Junior Research Fellow** as per the details given below, for the ISRO – RESPOND research project, under the principal investigator **Prof. V. Muthupandi, Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli – 620 015, Tamil Nadu.**

1. Title of the Project : Understanding the Forming Behaviour of C103 Alloy in Different Treated Conditions for Rocket Engine Nozzle Applications
2. Name of the Funding Agency : ISRO - RESPOND
3. Name of the P.I and name of the Department : Prof. V. Muthupandi, Department of Metallurgical and Materials Engineering.
4. Status of Positions available : Post vacant - Junior Research Fellow
No of vacancies – 1 (One)
5. Essential Qualifications : 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 and Qualified GATE score. Prior experience in the area of metal forming is preferred.
6. Emoluments : JRF; 31000 pm + 16% HRA pm for 1st and 2nd yr.
7. Duration of appointment : 2 years (The appointment would be made for 1 year initially and would be extended for another year, if the performance is found to be satisfactory)
8. Job Description : Design and conduct of experiments, characterization, analysis and, report and manuscript preparation.
9. Scheduled date of commencement of project : January 2020

Points to be noted:

- A. Candidates desire to apply for the position should submit their application in the given prescribed format with the necessary documents through Registered/ Speed Post only to **Prof. V. Muthupandi, Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli – 620 015, Tamil Nadu**, superscribing “Application for the post of JRF in MME Department for the ISRO-RESPOND PROJECT” on the envelope.
- 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 **06.12.2019 (Friday)**.
- F. Names of the shortlisted candidates, Interview date and venue would be put up in the web site: www.nitt.edu by 11th Dec 2019 before 5:00 PM.

**Sd/- (Prof. V. Muthupandi)
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 JUNIOR RESEARCH FELLOW

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| <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 JRF

| 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 | | | | | |
| 9. Mobile number and E Mail ID | | | | | |
| 10. Project Title | | | | | |
| 11. Name of the Post applied for | | | | | |
| 12. Advertisement Number with Date | | | | | |
| 13. 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 | | | | | |

14. GATE Score: _____ Subject _____ Year _____

15. Work Experience, if any

| Organization | Designation | Duration | | Nature of Job |
|--------------|-------------|----------|----|---------------|
| | | From | To | |
| | | | | |
| | | | | |

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

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

18. References

| Name | Address | Phone & E Mail ID |
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19. I do not have a relative among Faculty and Staff of the NIT, Trichy.

20. 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)

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