Applications are invited from eligible Indian Nationals for the position of Junior Research Fellow (JRF) for the DST-sponsored research project under the principal investigator Dr. S. Suresh, Associate Professor, Department of Mechanical Engineering, in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu. The details of the project are given below.

<table>
<thead>
<tr>
<th>Project Title</th>
<th>DST-Materials MAP</th>
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<tr>
<td>Position and Number</td>
<td>Junior Research Fellow (JRF) – One (1)</td>
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</table>
| Essential Qualification | • B.E/B.Tech in Mechanical Engineering with M.E/M.Tech in Thermal Engineering or Energy Engineering or Design Engineering or related field.  
• Minimum 60% or 6.5 CGPA in UG and PG from a recognized University/Institute.  
• Candidate with qualified GATE score will be given priority.  
• Applicants who have not qualified in GATE/equivalent national level test are also eligible to apply  
• Selected candidates may have a chance to register for the Ph.D. at NIT Tiruchirappalli. |
| Job Description | 1. Purchase of equipment and components for the project.  
2. Perform experiments and simulations related to this project  
3. Data collection, analysis, and documentation of results.  
4. Drafting original manuscript and progress report yearly |
| Salary | Rs. 31,000 + 18% HRA per month for 1st and 2nd Year  
Rs. 35,000 + 18% HRA per month for the 3rd Year |
| Duration of Project | 36 Months (Tenure extension based on the performance of review for every 12 months) |

- Eligible candidates may send the scanned copy of their duly filled applications (only in the prescribed format given below) along with the relevant supporting documents by email to “mechproject2022@gmail.com” with the subject marked as “JRF Application-DST-Material MAP Project”.
- Preference will be given to the candidate who is having a good academic record, research potential, relevant experience on the given topic. However, the selection of the candidate would be based on their performance in the written test/interview.
- The date of the written test/interview will be communicated to the shortlisted candidates by e-mail.
- No T.A/D.A. will be paid for attending the written test or the interview.
- The selection committee decision is the final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.
- The last date for receipt of applications in an e-mail (No need to send the hard copy) is 10.04.2022

24.03.2022
(Dr. S. Suresh)
Name and Signature of the Principal Investigator
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
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

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<th>Name of Exam</th>
<th>School / University</th>
<th>Board / University</th>
<th>Broad subjects of study</th>
<th>Year of Passing</th>
<th>% of marks / GCPA</th>
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<td>Any other</td>
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Enclose self-attested Xerox copies

12. GATE Score                       Subject
                                            Year
14. Work Experience, if any

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<th>Organization</th>
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<th>Duration To</th>
<th>Nature of Job</th>
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14. Previous Research work and publication, if any (enclose copies of published or unpublished work)

___________________________________________________________________________
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16. Reference

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<th>Name</th>
<th>Address</th>
<th>Phone &amp; E Mail ID</th>
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17. I do not have a relative among Faculty and Staff of the NIT, TIRUCHIRAPPALLI.

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 with 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 the future, and legal action be taken against me.

Date: Full signature of the Applicant

List of Enclosures: (1) (2) (3) (4)