National Institute of Technology, Tiruchirappalli – 620 015  
Department of Metallurgical and Materials Engineering

Advertisement

NITT/R&C/SERB/547/21-22/MME/PGKA  
Dated 31, Jan, 2022

Applications are invited from Indian Nationals only for Project Positions as per the details given below, (for consultancy / research projects, under the principal investigator Dr. -ing Prince Gideon Kubendran Amos, Assistant Professor, Department of Metallurgical and Materials Engineering in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1. Title of the Project:  
   Using statistical data-mining technique to understand the cumulative influence of geometrical and topological grain features on grain growth

2. Funding Agency for the Project:  
   Science and Engineering Board (SERB)

3. Project Positions and Number:  
   Junior Research Fellow (JRF) - 01

4. Qualifications:  
   - Post graduate degree (M. Tech or M. Sc or M.S) in Metallurgical Engineering and/or Material Science, Computer Science, Physics, Mathematics and Allied Departments with tangible work experience in data analysis using Machine Learning (or Artificial Intelligence) techniques.
   - Valid GATE (or NET) score in respective field preferred

5. Emoluments:  
   Rs. 31000 (+ 16% HRA, if hostel not availed) per month

6. Duration:  
   2 Years

7. Job Description:  
   Employing Machine Learning (or other relevant AI) techniques to extensively analyse the dataset associated with microstructural evolution, particularly grain growth.

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 15, Feb, 2022 and 2000 hours. The application should be submitted only in the prescribed format.

I. The interview schedule for the shortlisted students would be intimated through e-mail.
J. A candidate with an excellent academic record, research potential, and relevant experience will be given preferences. However, the selection of the candidate would be based on their performance in the interview.

K. The decision of the selection committee is final and binding.

L. The application should be submitted only in the prescribed format. Interested candidates may send their applications in prescribed format along with supporting documents by post/courier to Dr. -Ing Prince Gideon Kubendran Amos, Assistant Professor, Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu with the subject marked as “Application for the post of Junior Research Fellow SERB”

Dr. -Ing Prince Gideon Kubendran Amos  
Name and Signature of the Principal Investigator

Correspondence Address

Dr. -Ing Prince Gideon Kubendran Amos  
Assistant Professor  
Department of Metallurgical and Materials Engineering  
National Institute of Technology Trichy  
Tanjore Main Road, NH 67  
Tiruchirappalli  
Tamil Nadu 620 015  
India

Email: prince@nitt.edu
OFFICE OF THE DEAN (R & C), NIT, TIRUCHI  
RECRUITMENT OF TEMPORARY PROJECT STAFF  
Application for Junior Research Fellow

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<tr>
<td>Serial Number allotted to the Applicant ............................................</td>
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<td>Signature of the Application Screening Committee Chairman</td>
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APPLICATION FOR THE POST OF Junior Research Fellow

| 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

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<th>Name of Exam</th>
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<th>Board/University</th>
<th>Broad subjects of study</th>
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Enclose self-attested Xerox copies

12. GATE Score ...........................................Subject ..........................................................
Year.............................................................
13. NET Score ......................................Subject....................................................
Year..............................................................

14. Work Experience, if any

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14. Previous Research work and publication on Machine Learning or Artificial Intelligence, if any (enclose copies of published or unpublished work)

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

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16. Reference

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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)