OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI
ADVERTISEMENT FOR RECRUITEMENT OF JUNIOR RESEARCH FELLOW (JRF)

Date: 15.12.2023

Applications are invited from Indian Nationals for Project Position as per the details given below, for research project under the Principal Investigator **Dr.-Ing. M. Duraiselvam, Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli-15, TamilNadu.**

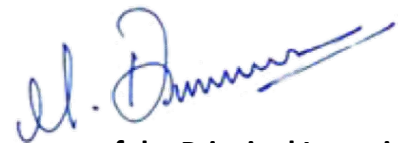| 1.	Title of the project	:	Improvement of thermo-mechanical properties of aero-turbine blades through 3D printed auxetic structures
2.	Funding agency for the project specimen	:	DST
3.	Project positions and Number	:	Junior Research Fellow – 1 No.
4.	Qualification	:	Essential: B.E/B.Tech Tech with First class in Mechanical/Production/Metallurgy/Aero from UGC recognized University with valid GATE score (or) M.E/M.Tech with First class in Manufacturing Technology/CAD/CAM/Metallurgy/Thermal/Aero from UGC recognized University with valid GATE score.
5.	Emoluments	:	Rs. 37,000/- + 18% HRA
6.	Duration	:	Maximum 2 years
7.	Job Description	:	• 3D CAD Modelling & 3D Printing • Perform simulation and analysis in FEA packages • Conducting experiments • Performing of thermo-mechanical and microstructural examination • Writing reports & technical articles

Additional information:
- Upon appointment, opportunity will be provided to register M.S. (By Research) (for undergraduates)/Ph.D (for postgraduates) at NIT, Trichy subject to fulfilling Institute norms.
- Age Limit: The upper age limit is 28 years as on the closing date of advertisement. The upper age limit shall be relaxable to the candidates belonging to SC/ST is 5 years and OBC is 3 years.
- Eligible candidates will only be called for interview as per the criteria set by the selection committee based on valid GATE score, percentage of marks obtained in minimum qualifying

degree, relevant experience and other.

- GATE paper and subject of qualifying degree must be related to the subject/discipline against which the candidate is applying.
- Candidates serving in Govt. or in Govt. owned organization will be required to produce "NOC" from their respective Department/Employer at the time of interview failing which the candidate will not be allowed to appear for the interview or they should apply through proper channel.

General Instructions:

- Application should be furnished only in the prescribed format. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- Incomplete applications are liable to be rejected.
- Only those candidates who have been awarded Degree/Provisional Certificate are eligible to apply.
- Copies of supporting documents should be scanned and emailed together with the application. All supporting documents should be submitted as a single PDF file.
- Candidates need to produce Original Certificates/Testimonial for proof of Category, Age, Educational Qualifications, GATE score, B.E./B.Tech/M.E./M.Tech marks memos and No Objection Certificate (where applicable) at the time of interview. One self-attested photocopy of all above documents should be submitted at the time of interview.
- The candidate must submit the supporting document for converting CGPA/CPI to equivalent percentage (%) from concerned University.
- Please note that no TA/DA is admissible for attending the interview.
- Candidates should make their own arrangement for their stay and transport to NIT, Trichy.
- It may please be noted that offer of Fellowship will under no circumstances confer on candidates any right of absorption in NIT, Trichy. NIT reserves the right to cancel the fellowship at any point of time if the JRF candidate found not suitable after selection.
- Award of Fellowship shall not be claimed by any candidate as a matter of right. It shall be entirely at the discretion of the Selection Committee, which may refuse to admit any candidate without assigning any reason thereof.
- The last date and time of submission of duly filled in application 05.01.2024, 04:00 pm.
- Applications should be submitted (only in the form of softcopy PDF form) with all necessary documents through email dstjrfnit@gmail.com. For any details contact Dr. M. Duraiselvam, Ph. No: 0431-2503509 between 14:30 to 17:00 hrs on all working days (Monday to Friday).

Signature of the Principal Investigator
(Dr. M. Duraiselvam)

OFFICE OF THE DEAN (R & C), NIT, TRICHY
APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

For Office Use only Serial Number allotted to the Applicant …………………………………… Signature of the Application Screening Committee Chairman	Insert your recent passport size color Photograph

APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW (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 Mobile number and E Mail ID	
9. UG/PG 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 CGPA from SSLC onwards

Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / CGPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

12. GATE Score…………………………Subject…………………………………………………….Year……………………

13. 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)

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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

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)