

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015

DEPARTMENT OF CIVIL ENGINEERING

Advt. No: NITT/CE/KKB/SRG/ 2022/1

Date: 08/05/2023

**ADVERTISEMENT**

Applications are invited from Indian Nationals only for post of **Junior Research Fellow** as per the details given below, for research projects, under the principal investigator **Dr. Kamal Krishna Bera**, Assistant Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1.	Title of the Project:	<b>Vibration Control of Wind Turbine Blade</b>
2.	Funding Agency for the Project:	<b>DST-SERB</b>
3.	Project Positions and Number:	<b>Junior Research Fellow-ONE</b>
4.	Qualifications	<b>1. Essential: B.E/B.Tech. in Civil Engineering with M.E/M.Tech. in Structural Engineering/Structural Dynamics. Minimum 60% or 6.5 CGPA in UG and PG from a recognized University/ Institute. Candidates with qualified GATE score (within 5 years) is mandatory.</b> <b>2. Desirable: Software skill - MATLAB</b>
5.	Emoluments:	<b>Rs. 31,000/- per month (consolidated)</b>
6.	Duration:	<b>2 years</b>
7.	Job Description:	<b>1. Purchase of equipment and components for the project.</b> <b>2. Perform numerical study on the wind induced vibration of wind turbine blade (using MATLAB), validating the results with any FEM software or aeroelastic software for wind turbines (e.g., Ashes, Open FAST), and study on the control of excessive vibration of blades.</b> <b>3. Compilation of results and report preparation</b>

- 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, Publications.

- F. Candidates shall bring along with them the original certificates at the time of interview for verification.
- G. 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.
- H. Please note that no TA/DA is admissible for attending the interview. The decision of the selection committee is final and binding.
- I. Only shortlisted candidates will be informed by e-mail/Mobile and no separate call letter will be issued for the same.
- J. The last date and time of submission of duly filled in application is up to 28.05.2023 and 5.00 PM**
- K. Eligible and interested candidates may send their applications on prescribed format along with Bio-Data and supporting documents by post/courier to **Dr. Kamal Krishna Bera, Assistant Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu** with the subject marked as “**Application for the post of Junior Research Fellow DST-SERB**”. Also send the scanned copy of the duly filled applications (only in the prescribed format given below) along with the relevant supporting documents as single pdf file (Name your pdf file like: yournameDOB.pdf) by email to: **kamal@nitt.edu** with the subject marked as “**Application for the post of Junior Research Fellow DST-SERB**”.
- L. The date and time for the interview will be intimated through e-mail.



(Dr. Kamal Krishna Bera)

Principal Investigator

**Correspondence Address:**

**Dr. Kamal Krishna Bera (PI)**

Assistant Professor

Department of Civil Engineering

National Institute of Technology

Tiruchirappalli – 620015

Ph: 9301481280

Email ID: [kamal@nitt.edu](mailto:kamal@nitt.edu)

Note: Application Format as attached below.

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI**  
**RECRUITMENT OF TEMPORARY PROJECT STAFF - APPLICATION FOR THE POST OF JRF**

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant .....</p> <p style="text-align: center; margin-top: 20px;">Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size color 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 Mobile number and E Mail ID					
9. Project Title					
10. Name of the Post applied for					
11. Advertisement Number with Date					
Academic Career: Enclose photocopies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC onwards					
Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks /GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
PhD					

**12. Enclose self-attested Xerox copies**

13. GATE Score ..... Subject .....Year.....

14. NET 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)

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

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18. Reference

Name	Address	Phone & E Mail ID

19. I do not have a relative among Faculty and Staff of the NIT, Trichy.

20. 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)