



राष्ट्रीय प्रौद्योगिकी संस्थान, जमशेदपुर
NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR
(An institute of National importance under MoE, Government of India)
Department of Mechanical Engineering

Advt. No: NITJSR/DME/2024/36

Date: 06/08/2024

Advertisement for the position of Junior Research Fellow (JRF)

A walk-in interview of eligible Indian citizens for the position of a Junior Research Fellow (JRF) in a DST-SERB Project in the Department of Mechanical Engineering, NIT, Jamshedpur, will be held as per details mentioned below:

<u>Details of the Sponsored Project</u>	
Date, time of walk-in interview & Venue	23 rd August 2024, Time: 12.10 PM Venue: Office of the HoD, Mechanical Engineering
Project Title	<i>Air entrainment and infrared suppression by hybrid and convex types of IRS devices with louvered openings: Experimental and numerical studies</i>
Funding Agency	DST-SERB (Grant No: CRG/2023/000223)
No. & Post Name	01 (One) & JRF
Duration	2.8 months or till the completion of the project whichever is earlier. The initial appointment is for one year, and it is extendable 2.8 years or till the completion of the project. The initial tenure may be extended based on the satisfactory performance.
Monthly Fellowship	(i) Rs. 37,000/- per month (for first 20 months) + 18% HRA (ii) Rs. 42,000/- per month (for next 12 months) +18% HRA
Principal Investigator	Dr. Ashok Kumar Barik, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology, Jamshedpur
<u>Eligibility Criteria</u>	
Essential qualification	M. Tech in Thermal Engineering/Fluids Engineering/Heat Power/Computational Fluid Dynamics or any equivalent degree. Minimum CGPA 6.5 out of 10 or 60% in Masters level. GATE qualified candidates will get due preference.
Desirable	Knowledge in Fluid flow, heat transfer, and CFD, in particular Ansys Fluent, Open Foam, etc.
Age	Below 28 Years. Relaxation in the age will be provided as per GoI norms

Benefits to the candidate on joining this post: Possible enrolment into the PhD programs offered by the institute after satisfying the eligibility criteria of the institute.

How to apply: An advance copy of the application in the prescribed format along with the self-attested copies of all relevant transcripts, string from 10th (both certificates and mark-sheets), and the photo copy of the aadhar card may be emailed to **Dr. Ashok Kumar Barik** via the email ID: **ashokbarik.me@nitjsr.ac.in**, in a single PDF file, mentioning “**Application for JRF in DST-SERB funded Project**” on or before **21st August 2024**. For further details, you may contact on this number: **07873971418**.

Note: **1.** The candidates should ensure their eligibility before applying. In eligible candidates will not be allowed to appear the interview.

2. The assignment is purely temporary in nature, and co-terminated with the project completion.

3. No TA/DA will be given to attend the walk-in interview

4. All the terms and conditions of this temporary appointment will be as per the guidelines of DST-SERB, Govt. of India, and NIT, Jamshedpur. The institute reserves rights to cancel the appointment without assigning any reason.

5. The candidate is required to bring the original documents and age proof at the time of interview for verification.



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Project Title: *Air entrainment and infrared suppression by hybrid and convex types of IRS devices with louvered openings: Experimental and numerical studies (Grant No: CRG/2023/00223)*

Applicant's Details:

1	Name		Photo
2	Father's/Spouse's Name		
3	Mother's Name		
4	Male/Female		
5	Married/Un-married		
6	Address	<u>Correspondence:</u>	<u>Permanent:</u>
7	Contact Details	Email Id:	Ph. No:
8	Age	DOB:	Age on closing date of Advt.
9	Nationality	Cast: GEN/SC/ST/OBC (attach document)	

10. Educational Details:

Name of Degree	University/Board/College	Year of passing	Specialization	% of Marks/CGPA	Division
10 th					
12 th /Diploma					
B.E./B. Tech					
M.E./M. Tech					
GATE Score (If any, & attach score card)	Details of GATE	Year:	Score	Rank:	

11. Declaration

I do hereby declare that the above facts provided by me in my application form are true to the best of my knowledge and belief. My candidature may be rejected if any discrimination found in my application at later stage, and fellowship drawn by me will be returned to the institute. I will submit an affidavit on a non-judiciary stamp paper of Rs. 10/- sating all the items in my declaration.

Place:

Date

Signature of the applicant