



BIT SINDRI, DHANBAD, JHARKHAND

DEPARTMENT OF HIGHER AND TECHNICAL EDUCATION, GOVERNMENT OF JHARKHAND

Email id.: director@bitsindri.ac.in
P.O. - Sindri Institute, Dhanbad – 828123, Jharkhand

Advt. No.: BIT/Mech/078

Date: 20-02-2024

Advertisement for Junior Research Fellow (JRF)

Applications are invited from suitable candidates for **Junior Research Fellow (JRF)** to work on the research project sponsored by DST-SERB in the Department of Mechanical Engineering, BIT Sindri, Dhanbad, Jharkhand, as per the following details.

Project title	Design and investigate the performance of evacuated tube solar water heater equipped with nanocomposite PCM and thermal conductivity enhancer to cater the continuous hot water supply
Project duration	2 Years
Project File No.	SRG/2023/000562
Funding Agency	Science & Engineering Research Board (SERB), Department of Science & Technology, Government of India
Name of the Post	Junior Research Fellow (JRF)
No. of Post	01 (one)
Duration of the post	Initial appointment will be for one year which is extendable up to completion of the project or maximum up to 2 years whichever is earlier, subjected to satisfactory performance of the JRF
Fellowship	Rs. 31,000/- (+ HRA if applicable as per norms) per month
Investigator	Dr. Yogesh Kumar Prajapati, Assistant Professor, Department of Mechanical Engineering, BIT Sindri, Dhanbad, Jharkhand-828123, Email: yogesh.me@bitsindri.ac.in Contact: +91-7870166804
Essential Qualification	GATE qualified candidates with M.Tech/M.E. in Mechanical Engineering/Energy Engineering with specialization in Thermal/Fluid/Heat power/Energy/Solar power or allied areas & B.E./B. Tech. in Mechanical/Energy Engineering or equivalent branch with minimum 60 % marks or 6.5/10 CGPA at both B.E./ B. Tech. and M. Tech/M.E. levels
Preference	Candidate with exposure in experimental setup development relevant to thermal-fluid systems and knowledge of modeling and simulation using CFD
Age limit	Not more than 28 Years. Age relaxations will be provided as per DST-SERB, Gov norms
Last date to apply	14 March 2024

How to apply: Eligible and interested candidates should send their application as per the prescribed format available on the Institute website (<https://www.bitsindri.ac.in>) along with copies of all supporting documents as a **single PDF file** through email to Dr. Yogesh Kumar Prajapati (Principal Investigator) at yogesh.me@bitsindri.ac.in mentioning subject as “Application for JRF”. The last date for the receipt of applications is 14th March, 2024. For more information, please contact Dr. Yogesh Kumar Prajapati at +91-7870166804

Important Note:

1. Candidate should ensure their eligibility for the post before applying. Only shortlisted candidates will be called for interview. The decision of the selection committee will be final.
2. **This post is purely temporary in nature and is co-terminus with the project.**
3. No TA/DA will be paid for appearing in the interview and/or joining the position.
4. All the terms & conditions for this recruitment will be as per the guidelines of SERB, DST, Govt. of India and BIT Sindri. Institute reserves the right to cancel the recruitment without assigning any reason.
5. Selected candidate will be required to work in the Department of Mechanical Engineering, BIT Sindri, Dhanbad as a full-time research fellow. He/she will have to join duty immediately on receipt of the offer.
6. Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of the interview.



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Application for Junior Research Fellow (JRF) in DST-SERB Sponsored Project Titled “Design and investigate the performance of evacuated tube solar water heater equipped with nanocomposite PCM and thermal conductivity enhancer to cater the continuous hot water supply” (Project File No.: SRG/2023/000562)

Applicant’s Details:

1.	Name			Affix recent photo here
2.	Father’s Name			
3.	Mother’s Name			
4.	Sex		Marital status:	
5.	Address	Correspondence:	Permanent:	
6.	Contact details	Email:	Mob. No.	
7.	Age	Date of Birth:	Age as on the closing date of Advt:	
8.	Nationality:	Category: GEN/SC/ST/OBC (attach proof)		
9.	Languages Known	Mother tongue:	Other languages:	

10. Educational Qualifications:

(Supporting documents should be submitted along with the application as **a single PDF file**)

Degree/Certificate	Subject/Specialization	University/Board/College	Year	% Marks/CGPA	Division
10 th					
12 th					
B.E./B.Tech					
M.E./M.Tech					
Any other					

11.	GATE (subject):	Year:	Qualified (Yes/No):	Rank:	Score:
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12. Any other relevant information?

13. Declaration: I hereby declare that the entries made in this application form are correct to the best of my knowledge.

Place and date

Signature of the applicant