

Date: 10-08-2022

Advertisement for Research Associate Position in SERB funded projects

Indian Institute of Technology (BHU) Varanasi, India

Applications are invited from Indian nationals for the following position in the research project entitled “**3D Computational and Experimental Study on Layer Dynamics and Prediction of Critical Power Law Scales in Double-Diffusive Finger Convection**” funded by Science & Research Board (SERB), Department of Science & Technology, Govt. of India, sanctioned for a period of three years (2022-2025). This post is purely temporary and co-terminus with the project. The Details are as follows:

Research Associate (RA) (L-I): One Post @ 47000 + HRA @18% per month.

Age: Upper Age limit— 40 years: (5 years' relaxation for Female). All other regulations will be as per GOI rules.

Essential Qualification: Ph.D. in Mechanical Engineering/ Physics or three years of research/teaching experience after M.Tech/M.E/MSc in Mechanical Engineering/ Physics with at least one research paper published in Science Citation Indexed (SCI) journal. The candidates who have submitted their Ph.D. thesis and having consistently good academic records are also eligible for the position.

Tenure: The tenure of appointment will be initially for one year from the date of his/her joining the Institute which may be extended later/ terminated earlier, depending on availability of funds and performance of the candidate. Based on performance of the candidate, the term of research associateship can be up to a maximum of three years.

Desirable Qualifications: Ph.D. work in the area of Heat & Mass Transfer (Experimental or Computational) / Computational Fluid Dynamics. The candidate should have strong background in PIV/Optical techniques for field measurements, Interferometry/OpenFOAM/Ansys-Fluent/MATLAB. Candidate having SCI papers in reputed journals will be preferred. Candidate with experimental background in optical techniques/interferometry will be given preference. The applicant should have good academic background. He/She should be able to work independently, can write project report and research publication and provide support to other members of the group.

How to Apply: Interested candidates should send the **soft copy** of their application and CV with all the relevant academic documents in the attached application format (Annexure-A and CV) to email id: opsingh.mec@iitbhu.ac.in. Hard copy can also be sent to **Dr. Om Prakash Singh (Principal Investigator), Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology (BHU), Varanasi-221005, India**, with a subject line “**Application for Research Associate (SERB)**” within **21 days of advertisement by registered post**. The short-listed candidates would be intimated and called for online/offline interview/written test.

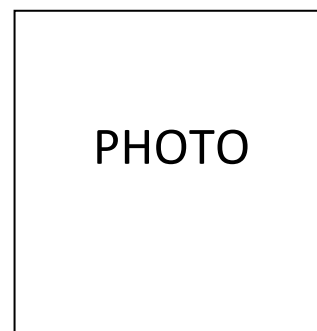
General Terms and Conditions:

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated by email after deadline to appear in the interview and no other communications in this regard will be entertained.
4. The candidate, when selected, is expected to join immediately.
5. No TA/DA will be paid for attending the interview.
6. The self-attested copies (or scanned if sent by email) of all the relevant certificates/documents need to submit along with the application.
7. For further clarification regarding the application process, the candidate can discuss with the PI over email: opsingh.mec@iitbhu.ac.in or phone on 9816661166.

Annexure-A

Application for Research Associate Position
in the Department of Mechanical Engineering,
IIT (BHU), Varanasi, 221005, UP India.

1. Full Name:
2. Date of Birth:
3. Sex: M/F
4. Category: GEN/SC/ST/OBC
5. Marital Status: Y/N
6. Nationality:
7. Physically handicapped: Y / N
8. Names of Father and Mother:
9. Address of Correspondence (including phone No):
10. E-mail Address:
11. Academic Record (If Available): (a) GATE/CSIR/UGC National Exam Qualification details with % marks/Rank, year of qualifying, etc.:
- (b) Educational Qualifications:



Examination with Specialization	Name of School, College, University/Institute, with city and state	Year of passing	Subjects	Percentage of marks/GPA obtained	Distinction/ Division
PhD					
M.Tech/M.E/M.Sc					
B.Tech					
XII					
X					

11. Details of Professional/ Work Experience:

Organization	Designation	Date-from	Date-to

12. Attach list of publications (if any)

13. Brief details of the project carried out (if any) with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences), and publication details:

14. Whether currently employed:

15. Time required to join this position:

Declaration: I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Signature

Place: