

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

ADVERTISEMENT

Applications are invited from Indian nationals for the following position to work in the SERB project entitled “Investigations on the efficacy of nano-bubble fluids in enhancing evaporation rate and heat transfer rate during pool-boiling ” under the supervision of undersigned. The position is initially for a period of one year. The duration may be extended further if the performance during the first year is very good.

Post: Junior Research Fellow - JRF (Contract)

Positions: 1 (One)

Duration: Initially for a period of 1 year. May be extended further, based on performance.

Emoluments: As per SERB rules.

Essential Qualifications: The applicant must meet atleast one of the following 2 criteria

- i. Masters degree in Mechanical Engineering with exceptionally good academic record with a minimum CGPA of 7.0 on a 10.0 point scale (or 65% marks) + good GATE score
- ii. Bachelors degree in Mechanical Engineering with exceptionally good academic record with a minimum CGPA of 7.0 on a 10.0 point scale (or 65% marks) + good GATE score

Desirable Qualities:

- Very good knowledge of the subject of Fluid Mechanics.
- Good written and oral communication skills, and the ability to do multi-task, effectively.

How to Apply?

-Apply through the regular PhD admission window of the institute (<https://www.iitrpr.ac.in/academic/phd>). If shortlisted after department screening, oral interview will take place.

-In addition, send me separately the completely filled *application form* along with detailed *Biodata* as well as 1-page ‘*Statement of purpose*’ (stating personals goals and research interests) may be sent to the undersigned **by e-mail**.

(Please write in the subject line: "**Application for the post of JRF (Contract) - SERB**". An online interview will be conducted after shorlisting.)

Details of the PI (Principal Investigator):

Dr. Devranjan Samanta, Assistant Professor, Department of Mechanical Engineering, Satish Dhawan Block, Indian Institute of Technology Ropar, Main Campus, Near Rupnagar Bypass Ropar, Rupnagar-140001, Punjab, INDIA

E-mail: devranjan.samanta@iitrpr.ac.in

For more details, please visit our group web page

<https://sites.google.com/iitrpr.ac.in/mechanical/faculty-profiles-detailed/devranjan-samanta>

Last date of receipt of application: **5th May, 2023**. Only shortlisted candidates will be called for interview.

Application form for JRF (Contract) for SERB project

Recent Photograph

Personal Details

Full Name (In capital)			
Date of Birth (DD/MM/YY)		Category (General/SC/ST/OBC)	
Age (in years)		Gender (Male/Female)	
Marital Status (Single/Married)		Nationality	
Address for Communication		Permanent Address	
Mobile/ Phone No.		Email:	

Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA*	Division
1.							
2.							
3.							
4.							
5.							

**[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]*

Qualifying Examination (GATE/CSIR/UGC/LS-NET/Others)

Qualifying Examination (& name of subject)	Branch	Year	Valid Up to	Percentile (& Score)	All India Rank

Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Nature of Work	From	To

Research Publications:

[Also attach softcopy of conference/journals papers separately, if applicable]

Awards, patents, prizes etc (if any):

Any other Relevant Information:

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected, I promise to abide by the rules and discipline of the Institute. I note that the decision of the Institute is final in regard to selection. The Institute shall have the right to expel me from the Institute at any time after my selection, provided it is satisfied that I was selected on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place :

Date :

Signature of Applicant