



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
रूपनगर, पंजाब-140001/ Ropnagar, Punjab-140001

ADVERTISEMENT

Applications are invited from the Indian nationals for the position of **Junior Research Fellow (JRF)** to work in the DST-SERB funded project with the following details:

Title of the project: Application of Microwave Ablation Technique in Destruction of Large Size Tumors: Numerical and Experimental Studies.

Name of the position: Junior Research Fellow (JRF) (01 No.)

Duration: 2 years or till the completion of the project, whichever is earlier (the position is purely temporary and performance will be reviewed periodically)

Emoluments: As per SERB norms.

Essential Qualifications:

- 1) Post-graduate degree in Mechanical Engineering or Post-graduate degree by Research in Mechanical Engineering. Candidates must have obtained at least 60% marks or 6.5 CGPA out of 10. **OR**
Exceptional candidates having Graduate degree in Mechanical Engineering with at least 65% marks or 7 CGPA out of 10.
- 2) A valid GATE score in Mechanical Engineering.

The relaxation in eligibility for SC/ST/OBC/PwD will be as per the rules of Govt. of India.

Desirables: Sound knowledge of Fluid mechanics, Heat transfer and Computational Fluid Dynamics, finite element analysis methods and software packages (COMSOL, FLUENT etc.), Solid modeling software (Solidworks, etc.) and MATLAB. Importantly, interest to work in multidisciplinary subjects.

How to Apply?

Interested candidates must apply using the application form attached with this advertisement. Duly completed application form along with Soft copy of all degree certificates and GATE Score card must be **emailed** to the PI (as a **single PDF file**) so as to reach him by **Saturday, 22nd January 2022**. Shortlisted candidates will be called for an **online interview** and TA/DA will **NOT** be paid for attending the interview. The position is available immediately.

Due date: The application must reach the PI, Dr. Ramjee Repaka, by **email** (ramjee.repaka@iitrpr.ac.in), by **Saturday, 22nd January 2022**.

Note: The candidate selected for the position of JRF will have the option to register for PhD program at IIT Ropar. However, for admission to PhD program at IIT Ropar, the candidate must meet eligibility requirements and also qualify the written examination and/or interview.

Principal Investigator: Dr. Ramjee Repaka, Associate Professor, Room No. 332, Satish Dhawan Building, Department of Mechanical Engineering, Indian Institute of Technology Ropar, Ropnagar-140001, Punjab, India. Tel: +91-1881-232371 (Office); Website(s): <http://www.iitrpr.ac.in/smme/ramjeerepaka>; <https://sites.google.com/site/ramjeerepaka>

Application form for Junior Research Fellow (JRF) to work in the DST-SERB sponsored 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

**[Please also submit softcopy of valid GATE score card]*

Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Nature of Work	From	To

Research Publication (if any):

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 for admission, 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 for admission and assignment to a particular department and field of study. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted 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 the Applicant