



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

Mechanical Engineering Department, Thapar Institute of Engineering & Technology, Patiala-147004, Punjab, India

Advertisement for the post of Junior Research Fellow (J.R. F) in DST-SERB funded research project

Applications are invited from eligible, motivated, focused and dedicated Indian nationals for the post of **Junior Research Fellow (J.R.F.)** in the **DST-SERB** funded research project titled "**Design, Analysis and On-Sun Testing of High Temperature-Low Flux Photo-Thermal Solar Energy Conversion System**".

Number of J.R.F position	01
Essential qualifications:	<ul style="list-style-type: none">• Should possess basic under-graduate B.E. /B. Tech. in Mechanical/ Marine/ Petroleum/ Chemical/ Metallurgy/ Heat power/ Aeronautical Engineering and Equivalent with marks not below 60% in aggregate or equivalent C.G.P.A.• Should have qualified Graduate Aptitude Test in Engineering (GATE)
Desirable qualifications/experience:	<ul style="list-style-type: none">• Post-Graduate (M.E. /M. Tech.) in Mechanical/ Marine/ Petroleum/ Chemical/ Metallurgy/ Heat power/ Aeronautical Engineering and Equivalent with at least 60% in aggregate or equivalent C.G.P.A.• Good research potential in the related area (in the form of authentic demonstrative research projects/ thesis) along with relevant credentials in the form of Journal/Conference publications, Patents, etc.• Good hand in designing and conducting experimental work.• Workable experience in programming languages such as MATLAB.• Good interpersonal and communication skills (both oral and written).
Fellowship:	₹ 31000 per month + 8% HRA
Other benefits:	The selected candidate has the provision to register for Ph. D. program of the institute, as per the prevailing institute guidelines.
Tenure of the appointment:	Appointment shall be made on contract basis for a period of one year initially, which may be extended further

	depending on the performance evaluation on yearly basis and on the approval of the sanctioning agency DST–SERB till the end of the project. The appointment is for a time bound project and the candidate is essentially required to work for successful execution of the project objectives and completion of the project.
Last date for application submission	<u>April 25th 2023, 5:00 PM IST</u>
Date of interview:	<u>April 28th 2023</u>
Time and venue	9:30 am, Online (through Zoom/Google Meet platform)

NOTE:

- (1) Incomplete applications shall be rejected.
- (2) **Shortlisted candidates shall be informed through email on 26th April 2023.**
- (3) **The meeting link (and time) shall be shared shortly with the shortlisted candidates.**
- (4) The applicant will be responsible for the authenticity of information, other documents and photograph submitted.
- (5) Mere possessing the prescribed qualification does not ensure that the candidate would be called for interview. The candidates will be shortlisted on the basis of merit and needs of the project.

How to Apply?

Send the following documents in only **.pdf format** to **vikrant.khullar@thapar.edu** on or before **5:00 pm IST, April 25th, 2023**.

- Duly completed and signed application form in the prescribed format.
- Scanned copies of 10th, 12th, BE/B. Tech, ME/ M. Tech, and GATE Score card in support of their academic qualifications.

The subject of email should be “**Application for the post of J.R.F**”

Contact Person: Dr. Vikrant Khullar, Principal Investigator

Designation: Associate Professor

Department: Mechanical Engineering

Institute: Thapar Institute of Engineering & Technology, Patiala, Punjab, India

Email ID: vikrant.khullar@thapar.edu

Application Form for the Post of J.R.F.

- 1) **Application for the post of:**
- 2) **Name of the Candidate in full (in capital letters):**
- 3) **Date of Birth:**
- 4) **Nationality:**
- 5) **Email Address (important to fill):**
- 6) **Mailing Postal Address:**

PASTE RECENT
PASSPORT SIZE
PHOTOGRAPH

HERE

- 7) **Educational qualifications (starting from High school onwards)**

S. No.	Name of Examination Passed	Subjects/ Branch/ Specializations	Name of the University/ Board	Month & Year of exam passed	Percentage of Marks secured/ CGPA
1	10 th				
2	12 th				
3	B.E. / B.Tech.				
4	M.E./ M. Tech.				
5	Any other additional				

8) Particulars of GATE examination:

- (i) Year of passing:
- (ii) Discipline:
- (iii) Score (percentile):
- (iv) All India Rank:
- (v) The number of candidates appeared:

9) Previous experience:

(Furnish details such as name of the post/fellowship, period worked, name of the organization/institution etc.)

10) Present position:

(a) If you are studying, mention course/subject details:

(b) Details of fellowship/post:

(c) Name of the institution/ organization in which you are studying/working:

11) M.E./M.Tech. Thesis/Project title:

12) Details of the Research/ Conference papers published:

S. No.	Paper Title	Authors	Journal/ Conference name	Publisher
1				
2				
3				

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 the Candidate