



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

**Thapar Institute of Engineering and Technology Patiala
(Deemed to be University)**

Date: 12th November 2024

**Advertisement for the post of Junior Research Fellow (JRF) in TIET-VT (Virginia Tech, USA),
Center of Excellence for Emerging Materials (CEEMS)**

Applications are invited from Indian nationals for the post of Junior Research Fellow (JRF) for research project with following details:

1.	Project Title	Design and development of innovative 3D metal printed PCM-metallic foam-based heat sink for high flux energy emitting devices
2.	Name of the position	Junior Research Fellow (JRF)
3.	Number of position(s)	One (1)
4.	Duration of the project	Three (03) years, (The position is initially offered for one-year term, subject to renewal based on performance and available fund).
5.	Consolidated monthly fellowship	Rs. 25000/-
6.	Essential qualifications	<ul style="list-style-type: none">• ME/M Tech. in Mechanical Engineering, with background in fluid and heat transfer applications.
7.	Desirable qualifications	<ul style="list-style-type: none">• The candidate should have knowledge of heat transfer and Fluid Flow physics.• The candidate should have knowledge and experience of computational fluid flow and heat transfer applications.• The candidate should have hands-on experience in working with programming languages such as C++, MATLAB, and other software packages like COMSOL Multiphysics and ANSYS Fluent.• The candidate should possess good oral/written communication skills.• The candidate should have excellent research potential in the desired area.
8.	Date of interview for selected candidates	27 th November 2024
9.	Venue of interview	The interview will be conducted online on platforms such as ZOOM, or GOOGLE Meet. Link will be shared,.

Note: The filled application form for JRF should reach the undersigned through E-mail by **25th November 2024**.

Dr. Neeraj Kumar
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Application for Junior Research Fellow

1.	Name of Fellowship	Junior Research Fellowship			Paste a recent passport sized photograph	
2.	Name of the candidate (BLOCK LETTERS)					
3.	Father's/Husband's Name					
4.	(a) Marital Status	Single/Married	(b) Category	SC/ST/OBC/PH/Gen		
5.	(a) Date of Birth		(b) Age Years, Months		
6.	Address for communication					
7.	Contact details	(a) Phone		(b) Mobile		
8.	Permanent Residence					
9.	Email ID					
10.	Educational Background (From SSC/Matric onwards. Attested copies to be enclosed)					
	Examination Passed	Subject(s)	University	Month and Year of Passing	Division/Class	% of Marks
11.	Experience(Research/Industry)					
	Name of the organization with designation	Period of service		Salary	Reason for leaving	
		From	To			
12.	Publication(s)					
	Publication name	Name of Journal/Book/Conference		Name of Authors		
13.	Whether qualified GATE/NET: Yes/No If Yes, give details (proof to be enclosed):					
14.	Any other information:					
15.	Declaration: I hereby declare that the above stated information is correct, and no information is suppressed.					
	Place:					
	Date:					
	Signature of the candidate:					