

ADVERTISEMENT FOR THE POST OF JRF IN RESEARCH PROJECT

Applications are invited from highly motivated and eligible Indian citizens for a Junior Research Fellow (JRF) position in a sponsored research project at the **Center of Excellence in Emerging Materials (CEEMS)** — A TIET (Thapar Institute of Engineering and Technology) and VT (Virginia Tech, USA).

Project Details:

Title of the Project	<i>“ThermoXAI: Explainable Deep Learning for Breast Cancer Detection Using Thermal Imaging”</i>
Name of the Post	Junior Research Fellow
Vacancy	01 Post
Agency	CEEMS (Virginia Tech, USA and TIET, Patiala, Punjab)
Duration	02 Year (extendable up to 03 years)
Amount	17.65 Lacs
Investigator(s)	<ol style="list-style-type: none"> 1. Dr. Simranjit Kaur, Assistant Professor, Department of Computer Science Engineering, Thapar Institute of Engineering and Technology, Patiala-147004, India. email id: simranjit.kaur@thapar.edu 2. Dr. Sachin Kansal, Assistant Professor, Department of Computer Science Engineering, Thapar Institute of Engineering and Technology, Patiala-147004, India. email id: sachin.kansal@thapar.edu 3. One Co-PI from the Virginia Tech, USA
Opportunity	The selected candidate can register for the full-time PhD program at TIET (upon fulfilling admission norms) and further Post-doc opportunity at Virginia Tech, USA

Other Details:

1. Essential Qualification	M.Tech/M.E./MCA with at least 60% marks (or a CGPA of 6.5 on a 10-point scale) in CSE/Electronics/Electrical or related disciplines. Applicants with a valid GATE/NET score will be preferred .
2. Desirable Qualification	Candidate with intense interest and pre-experience in Image Processing and Machine Learning .
3. Age Limit	Not more than 32 Years. SC/ST/OBC/Women/PD candidates will get the age relaxation as per norms.
4. Fellowship	Rs. 25,000/- per month plus HRA as per norms
5. Important	<ul style="list-style-type: none"> • The assignment is purely temporary, and it is co-terminus with the project. • No TA/DA will be paid for appearing in the interview and/or joining the position. • All terms & conditions for this recruitment will follow the guidelines of TIET, Patiala. Institute reserves the right to cancel the recruitment without any information.
6. Job description	The selected candidate will participate in exploring the different Image Processing algorithms, Deep Learning Techniques. The calibration, system development and real-time interfacing will be conducted.
7. How to Apply	Eligible and interested candidates should send their detailed Curriculum Vitae (CV) in the given format through e-mail to Dr Simranjit Kaur (simranjit.kaur@thapar.edu) , mentioning the subject as <i>“Application for JRF position”</i> . <i>The last date to receive the applications is 02 weeks from the date of this notification. The shortlisted candidates will be intimated about the interview date by e-mail.</i>

Application Form for Junior Research Fellow (JRF) in Research Project

Project Title: “ThermoXAI: Explainable Deep Learning for Breast Cancer Detection Using Thermal Imaging”

1.	Name:		Affix recent passport size photograph			
2.	Male/Female:					
3.	Father/Spouse’s Name:					
4.	Mother’s Name:					
5.	Address:					
	a) Communication address:					
	b) Permanent address:					
6.	Email id:	7. Phone No:				
8.	Date of birth:	9. Marital status:				
10.	Nationality:	11. Caste category (OP/SC/ST/OBC/PH):				
12.	Details of Universities/Institutions attended (from 10th Standard onwards) (Self-attested copies of certificates and mark sheets/grade cards must be presented at the time of interview)					
	Degree	University/ College/Board	Year	Subject(s)	% Marks/ CGPA/CPI	Class
13.	Professional Qualifying Examination Passed:					
	GATE/NET/Equivalent: (Attested copy of certificate must be attached with the application)					
	Name of Examination	Subject	Rank /Marks /Score/Percentile	Qualifying date/year	Valid upto	

14.	Professional Experience (Teaching/Research/Industrial), if any				
	Name of organization	Position	Type of work	Period	
				From	To
15.	Any other relevant information (e.g. Publications, distinctions, achievements, recognitions, etc. if any):				
16.	Declaration				
	I hereby declare that the entries made in this application are correct to the best of my knowledge and belief.				
	Place:				
	Date:				
	Signature and Name of the applicant				