

## 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 Department of Computer Science and Engineering, Thapar Institute of Engineering & Technology, Patiala, Punjab, India.

### Project Details:

<b>Title of the Project</b>	<b><i>“ThermoXAI: Explainable Deep Learning for Breast Cancer Detection Using Thermal Imaging”</i></b>
<b>Name of the Post</b>	Junior Research Fellow
<b>Vacancy</b>	01 Post
<b>Agency</b>	CEEMS, TIET, Patiala
<b>Duration</b>	02 Year
<b>Amount</b>	17.65 Lacs
<b>Investigator</b>	<ol style="list-style-type: none"> <li><b>Dr. Simranjit Kaur</b>, Assistant Professor, Department of Computer Science Engineering, Thapar Institute of Engineering and Technology, Patiala-147004, India. email id: <a href="mailto:simranjit.kaur@thapar.edu">simranjit.kaur@thapar.edu</a></li> <li><b>Dr. Sachin Kansal</b>, Assistant Professor, Department of Computer Science Engineering, Thapar Institute of Engineering and Technology, Patiala-147004, India. email id: <a href="mailto:sachin.kansal@thapar.edu">sachin.kansal@thapar.edu</a></li> </ol>
<b>Opportunity</b>	The selected candidate can register for the full-time PhD program at TIET (upon fulfilling admission norms)

### Other Details:

<b>1. Essential Qualification</b>	M.Tech/M.E 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 <b>GATE/NET</b> score will be <b>preferred</b> .
<b>2. Desirable Qualification</b>	Candidate with intense interest and pre-experience in <b>Image Processing</b> and <b>Machine Learning</b> .
<b>3. Age Limit</b>	Not more than 28 Years. SC/ST/OBC/Women/PD candidates will get the age relaxation as per norms.
<b>4. Fellowship</b>	Rs. 25,000/- per month plus HRA as per norms
<b>5. Important</b>	<ul style="list-style-type: none"> <li>The assignment is purely temporary, and it is co-terminus with the project.</li> <li>No TA/DA will be paid for appearing in the interview and/or joining the position.</li> <li>All terms &amp; conditions for this recruitment will follow the guidelines of TIET, Patiala. Institute reserves the right to cancel the recruitment without any information.</li> </ul>
<b>6. Job description</b>	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.
<b>7. How to Apply</b>	Eligible and interested candidates should send their detailed curriculum Vitae (CV) in the given format through e-mail to <b>Dr. Sachin Kansal</b> ( <a href="mailto:sachin.kansal@thapar.edu">sachin.kansal@thapar.edu</a> ) mentioning the subject as <b><i>“Application for JRF position”</i></b> . <b><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></b>

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

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

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

<b>14. Professional Experience (Teaching/Research/Industrial), if any</b>					
	<b>Name of organization</b>	<b>Position</b>	<b>Type of work</b>	<b>Period</b>	
				<b>From</b>	<b>To</b>
<b>15.</b>	<b>Any other relevant information</b> (e.g. Publications, distinctions, achievements, recognitions, etc. if any):				
<b>16.</b>	<b>Declaration</b>				
	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				