

Date: 15-09-2026

ADVERTISEMENT FOR THE POST OF JRF IN CENTER OF EXCELLENCE IN EMERGING MATERIALS (CEEMS)

Applications are invited from highly motivated and eligible Indian citizens for a Junior Research Fellow (JRF) position in a research project entitled “**Multimodal Electronic Skin Platform for Predictive Healthcare Monitoring and Smart Sensing Applications**”, at the Centre of Excellence in Emerging Materials (CEEMS), Thapar Institute of Engineering & Technology (TIET), Patiala, 147004, India

Project Details:

Title of the Project	Multimodal Electronic Skin Platform for Predictive Healthcare Monitoring and Smart Sensing Applications
Sponsored Agency	CEEMS TIET, Patiala and Virginia Tech., USA
Name of the Post	Junior Research Fellowship (JRF)
Vacancy	01 Post
Duration	01 Year (Subject to extension of two more years based on performance)
Principal Investigator	Dr. Raj Kumar Khan , Assistant Professor, Department of Physics & Materials Science, TIET, Patiala
Co- Principal Investigator	Dr. Abhisek Pal , Department of Electrical and Instrumentation Engineering, TIET, Patiala
Opportunity	The selected candidate can register for the full-time Ph.D. program at TIET (upon fulfilling admission norms)

Other Details:

1. Essential Qualification	- M.Sc. or equivalent degree in Physics / Chemistry / Materials Science / Biophysics / Biochemistry / Biotechnology / Chemical Sciences and allied Science subjects with a minimum of 60% marks or equivalent CGPA. (Preference will be given to candidates with GATE/NET qualification) OR - M.E. / M.Tech. in Biomedical Engg. / Instrumentation Engg. / Materials Science Engg. / Polymer Engg. / Chemical Engg. / Biotechnology / Nanotechnology or allied disciplines, with a minimum of 60% marks or equivalent CGPA. (Preference will be given to candidates with GATE/NET qualification)
2. Desirable	A candidate having prior experience in fundamental laboratory techniques with exposure to sensor development, instrumentation, electronics, or machine learning will be considered an added advantage
3. Fellowship	Rs. 30,000/- per month
4. Important	- The assignment is purely temporary in nature, 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 be as per the guidelines of CEEMS TIET, Patiala, and the institute reserves the right to cancel the recruitment without any prior notice.
5. How to Apply	Eligible and interested candidates should send their detailed Curriculum Vitae (CV) in the given format through e-mail to Dr. Raj Kumar Khan (raj.kjan@thapar.edu) and Dr. Abhisek Pal (abhisek.pal@thapar.edu) , mentioning the subject as “ <i>Application for JRF position for CEEMS project</i> ”. The last date to receive the applications is 02 weeks from the date of this notification . Only shortlisted candidates will be informed of the interview date and further details via email.

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Project Title: Multimodal Electronic Skin Platform for Predictive Healthcare Monitoring and Smart Sensing Applications

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.	Phone No:	7. Email ID:				
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 must be attached with the application)					
	Degree	University/ College/Board	Year	Subject(s)	% Marks/ CGPA/CPI	Class
13.	Professional Qualifying Examination Passed:					
	GATE/NET/Equivalent: (Self-attested copies of certificates 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, Patents, distinctions, achievements, recognitions, etc. if any): ti				
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				