Applicants are invited from motivated and eligible Indian citizens for the position of Junior Research Fellow (JRF) in a sponsored research project of TIET-VT (Virginia Tech, USA) Center of Excellence in Emerging Materials (CEEMS), Thapar Institute of Engineering & Technology, Patiala with the details mentioned below.

ONLINE INTERVIEW: Through ZOOM platform on 2nd week of November

Project Details:

<table>
<thead>
<tr>
<th>Title of the Project</th>
<th>Remote Diagnosis and Health Monitoring Using Smart Phone Based VCSEL with an Embedded 2D Material</th>
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<tbody>
<tr>
<td>Sponsored Agency</td>
<td>TIET-VT (Virginia Tech, USA) Center of Excellence in Emerging Materials (CEEMS)</td>
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<tr>
<td>Name of the Post</td>
<td>Junior Research Fellow</td>
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<td>Number of Vacancy</td>
<td>01 Post</td>
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<td>Duration</td>
<td>Initially for 01 year, extendable up to 03 years subject to satisfactory performance</td>
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<td>Principal Investigator</td>
<td>Dr. Soumendu Jana, Associate Professor, School of Physics and Materials Science, Thapar Institute of Engineering &amp; Technology, Patiala-147004, India.</td>
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Other Details:

1. Qualification: M.Sc. in Physics/ Applied Physics / Pure Mathematics/ Mathematics and scientific computation or any equivalent degrees or M.E. / M. Tech. in Computer Science Or MCA with at least 60% marks (or an equivalent CGPA) Applicants cleared NET/ GATE/equivalent exams will be given preference.

2. Age Limit: Not more than 28 Years. SC/ST/OBC/Women/PD candidates will get age relaxation as per the Govt. of India norms

3. Fellowship: Rs.25,000/- per month consolidated

4. Important:

- The assignment is purely temporary in nature and it is co-terminus with the project.
- All the terms & conditions for this recruitment will be as per the guidelines of TIET-VT (Virginia Tech, USA) Center of Excellence in Emerging Materials (CEEMS) and TIET, Patiala. Institute reserves the right to cancel the recruitment without assigning any reason.
- Candidate selected for this position may apply for the regular PhD program upon satisfying the eligibility criterion for PhD program at TIET, Patiala.
- Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview.
- Only shortlisted candidate will be intimated via E-mail for ONLINE interview.

How to Apply: Eligible and interested candidates should send their detailed resume (CV) in the given Format through e-mail to Dr. Soumendu Jana (soumendu.jana@thapar.edu) mentioning the subject as “Application for JRF in CEEMS Project”
Application Form for Junior Research Fellow (JRF)  
in TIET-VT Center of Excellence in Emerging Materials (CEEMS) Sponsored Project

Project Title: Remote Diagnosis and Health Monitoring Using Smart Phone Based VCSEL with an Embedded 2D Material

1. Name:

2. Male/Female:

3. Father/Spouse’s Name:

4. Mother Name:

5. Address:
   (i) Communication address
   (ii) Permanent address:

6. Email id:

7. Phone No:

8. Date of birth:

9. Material status:

10. Nationality:


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)

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<th>Degree obtained</th>
<th>University/College/Board</th>
<th>Year</th>
<th>Subject/s</th>
<th>% Marks/CGPA/CPI</th>
<th>Class (if any)</th>
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13. Professional Qualifying Examination Passed:
GATE/NET/Equivalent: (Attested copy of certificate must be attached)

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<th>Name of Examination</th>
<th>Subject</th>
<th>Rank /Marks /Score/Percentile</th>
<th>Qualifying date/year</th>
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14. Professional Experience (Teaching/Research/Industrial), if any

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<th>Name of organization</th>
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<th>Period</th>
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15. Any other relevant information:

16. Declaration

I hereby declare that the entries made in this application form are correct to the best of my knowledge and belief.

Place: 
Signature of the applicant

Date: