

INVITING APPLICATIONS FOR JRF and PDF POSITIONS

About Thapar Institute of Engineering and Technology

Thapar Institute of Engineering and Technology (TIET), one of India's premier Institutions for higher education, provides world-class education and cutting-edge research in Engineering and Sciences. The institute was established in 1956 and has lush green campus. It is ranked 20th, 22nd, and 34th in the Engineering, University, and Research categories, respectively by NIRF in 2023. NAAC ranking for the institute is A⁺.

About Center of Excellence in Emerging Materials

CEEMS is an interdisciplinary center that was established in 2019 as a collaborative venture between TIET, India, and Virginia Tech, USA. This center has been designed to bring together research groups from different disciplines to conduct advanced scientific and engineering research in the new generation of materials, with an emphasis on solving significant problems facing humanity. Current areas of research include **Two Dimensional (2D) Materials**, **Sustainable Construction (SC)**, **Cancer Detection and Treatment (CDT)**, and **Smart Sensors (S2)**.

For more information please visit <https://ceems.thapar.edu/>

What CEEMS offers you?

CEEMS provides a platform for postgraduate students (M.Sc., MTech, Ph.D.), and post-doctoral candidates (PDF) to have opportunities to conduct research under the supervision of leading scientists, publish their research in peer-reviewed journals and networking opportunities with other students, faculty, and industry professionals at the national and international levels.

No. of Vacancies

Junior Research Fellows (JRFs): 19 and Post-doctoral Fellows (PDFs): 7

Qualification

Junior Research Fellow (JRF)

Essential

1. First class in **M.Sc./M. Tech./M. Pharm.** Also **B.E./B. Tech./B. Pharm** students are eligible with **8.00 CGPA** (relaxation of CGPA of 7.00 with three years experience).

Desirable

Candidate with valid **NET/ GATE/ Equivalent**

Maximum Age Limit

28 years. Additional **5 years** relaxation for SC/ST/Women Candidate (must meet till the Application deadline).
Final year students may also apply if the results awaited category.

Post-doctoral Fellow (PDF)

Essential

1. **Ph.D.** in the relevant field with at least **3 SCI** publications.
2. Proven records for presentation at conferences and seminars.

Desirable;

1. Candidate with **NET/ GATE** will be preferred
2. Proven **record for collaborative** research.
3. Candidates with **industrial experience** will get preference.

No Maximum Age Limit

Candidates may apply if they submitted the thesis.

Relevant Fields of Education

Physics, Chemistry, Life Sciences, Biotechnology, Pharmacy, Engineering (Chemical, Electronics, Mechanical, Civil, Computers, Biomedical), etc

Emoluments and Tenure

For JRF

Rs. 35,000 pm with NET/GATE/Equivalent + Contingency*

Rs. 25,000 pm without NET/GATE/ Equivalent + Contingency*

Tenure: 3 years

For Post-doctoral Researchers

Rs. 60,000 pm + Contingency*

Tenure: 3 years*

* as per CEEMS-TIET norms and subject to annual performance review

The **JRF** candidate is expected to work with his/her supervising faculty on the project and is also required to register and pursue a **Ph.D. in the related department.**

Application Procedure and Deadline

Only **online applications** (coordinator.ceems@thapar.edu) will be accepted.

Any incomplete application will not be considered further.

The last date for submitting a complete application is **9th June 2024**

Link for the Application: [Click Here](#)

