

Embrace Excellence

Join world-class research groups at CEEMS (Center of Excellence in Emerging Materials)



A platform for the new materials age

INVITING APPLICATIONS FOR POST DOCTORAL FELLOW POSITION

About Us

Thapar Institute, one of the India's premier Institutions for higher education, is a platform for world-class education and cutting-edge research in Engineering and Sciences. It is ranked 20th in Engineering category and 22nd in University category in NIRF Ranking 2023.

CEEMS is an interdisciplinary center that was established in 2019 under a collaborative venture between Thapar Institute 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 a new generation of materials, with an emphasis on solving significant problems facing humanity. Current areas of research include coal-derived graphene-x (graphene oxide, graphene quantum dots, multilayer graphene), Graphene-x polymer nanocomposites, Bio-x (molecular and cellular biology, nanotechnology), and Exploratory Research (including unencumbered and untargeted).

What CEEMS offers you?

CEEMS, is a platform for post-graduate students (M.Sc., MTech, Ph.D.), and post-doctoral candidates to pursue world-class research with reputed research faculty.

Applications are invited for the following project titled:

Performance Evaluation of Graphene Reinforced Hybrid Glass/Carbon Fiber Epoxy Nano-Composite for Improved Ballistic Resistance

Duration

The duration of the fellowship is three years, subject to annual performance review. In exceptional cases, the duration may be extended.

Emoluments

Selected candidates will receive a **consolidated monthly package of Rs. 60,000. An additional amount for contingency/consumables/travel expenses will be provided, as needed.**

Role

The candidate is expected to work with his/her supervising faculty on the project.

Qualifications

- Ph.D. with strong academic record (Civil, Mechanical or Chemical Engineering, Material Science, Basic Sciences)
- Candidate with experience of working in composites will be preferred.

How to Apply & Selection Procedure

Candidates are required to send their **detailed CV to the PI** latest by **15th October, 2023**.

The applications will be screened and the shortlisted applicants will be interviewed and may be asked to make a presentation, in person or online.

PI: Dr. Shruti Sharma, Professor, Civil Engineering Department

Co-PI: Dr. Sandeep K Sharma, Associate Professor, Mechanical Engg. Department

Co-PI: Dr. Rajeev Mehta, Professor and Head, Chemical Engineering Department

Email: shrutisharma.ced@thapar.edu

Mobile: +91-9417829341

For any query, contact Coordinator CEEMS, Prof. Rajeev Mehta, TIET (Email: coordinator.ceems@thapar.edu) or CEEMS Chair Professor, Dr. Roop L. Mahajan, Lewis A. Hester Chair Professor, Virginia Tech., USA (Email: mahajanr@vt.edu).