Embrace Excellence

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

CEEMS

A platform for the new materials age

INVITING APPLICATIONS FOR JRF 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 23rd in Engineering category and 26th in University category in NIRF ranking 2021.

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:

Superior photocatalytic urea oxidation by reduced graphene oxide (RGO) and Cyclodextrin-loaded core-shell metal oxide nanocomposites

Duration

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

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Emoluments

Selected candidates will receive a consolidated monthly package of Rs. 25,000.. 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 and also required to register and pursue PhD in the related department.

Qualification

M.Sc. in Chemistry/Catalysis or MTech. in Material Science/Environmental with strong academic record.

Selection Procedure

The applications will be screened and the shortlisted applicants will be interviewed and may be asked to make a presentation, in person or online.
Please contact the PI: Dr. Raj Kumar Das
At email: rkdas@thapar.edu Mobile: 8280711561

Application Deadline

September 30, 2022

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).