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Contact Details

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Proudly presents

International eWorkshop on Science and Technology of Emerging Materials

(eSTEM-21) – Virtual Mode

19th - 21st April 2021

Organized by

Department of Science and Humanities
Chettinad College of Engineering
and Technology,
(Affiliated to Anna Univ., Chennai)
NH-67, Karur – Trichy Highway, Puliyur-
CF, Karur – 639 114, Tamil Nadu, INDIA

About the Institution

The Chettinad College of Engineering and Technology, Karur is promoted by Rani Meyyammai Achi of Chettinad Charitable Trust. The Promoters have more than four decades of experience in the field of education especially in technical education. The institute is imparting high-quality education in rural areas. The prime motto of the trust is uplifting the student community by providing quality technical education at an affordable fee. Shri. M.A.M.R. Muthaiah, Group Head & Managing Director of Chettinad Group of Companies is the Vice-chairman of the institution and Ms. Geetha Muthaiah is the president.

About the Department

The Department of Science and humanities encompasses of Physics, Chemistry, Mathematics and English. The Department holds well qualified, experienced, young and dynamic faculty members who are dedicated to inspire and educate the engineering learners.

About the Workshop

The International eWorkshop on Science and Technology of Emerging Materials (eSTEM-21) – Virtual Mode” provides an international platform to share immeasurable knowledge among young researchers, academic individuals, students & industrial delegates that will result in development of the personal skills and the nation through delightful knowledge sharing. The eWorkshop will feature invited talks from eminent personalities all around the world and also students and young researchers will have a unique chance to be acquainted with the latest innovative ideas.

Who can Attend?

UG/PG Students, Research scholars, faculty members of Science and Engineering streams and industry persons who do research on materials science, nanoscience and nanoengineering.

Topics to be covered

The eWorkshop will provide the following (not restricted to) themes:

- Advanced Materials Science & Engineering
- Advanced Materials for Environmental Applications
- Bio-Materials & Bio-devices
- Carbon Nanostructures & Graphene
- Ceramics and Composite Materials
- Chalcogenide and Perovskite Nanomaterials
- Computational Materials Science
- Energy Harvesting Nanomaterials
- Materials for Aerospace and Defense Applications
- Materials for Magnetic Applications
- Materials for Medicine
- Materials for Radiation Detection Applications
- Micro - Meso - Nano porous materials
- Nanomaterials for Safety
- Nanoelectronics, Nano sensor & MEMS
- Optical and Magnetic Materials
- Polymer Science and Engineering
- Thermoelectric, Pyroelectric & Piezoelectric Materials

Registration

- ❖ No registration fee.
- ❖ The acceptance of registration will be communicated through E-mail after the registration.
- ❖ E-Certificate will be issued for the active participants.
- ❖ Registration Link –

<https://tinyurl.com/eSTEM21>

Keynote Speakers

- Prof. Dr. Ram Murugesan, Director-Research, Chettinad Academy of Higher Education and Research, Chennai.
- Prof. Dr. Agnishwar Girigoswami, Professor, Chettinad Academy of Research and Education (ChARE), Chennai
- Prof. Eray Aydil, Alstadt Lord Mark Professor, Tandon School of Engineering, New York University, USA
- Prof. Dr. Gin Jose, Chair in Functional Materials, School of Chemical and Process Engineering, University of Leeds, UK
- Prof. Dr. Lorenzo Pavesi, Head Nanoscience Laboratory, Department of Physics, University of Trento, Italy.
- Prof. Dr. Monica Lira Cantau, Group Leader, Nanostructured Materials For Photovoltaic Energy, Institute Catalan de Nanoscience i Nanotechnologies (ICN2), Spain
- Prof. Dr. Mahesh Suryawanshi, ARC DECRA Fellow in the School of Photovoltaic and Renewable Energy Engineering (SPREE), UNSW, Sydney, Australia
- Prof. Dr. Maria - Monica Enculescu, Senior Researcher, Group of Functional Nanostructures, National Institute of Materials Physics, Romania.
- Prof. Dr. Neslihan Akcay, Faculty of Engineering, Department of Mechanical Engineering, Baskent University, Turkey
- Prof. Dr. Syed Ghufuran Hashmi, Microelectronics Research Unit, Assistant Professor in Printed Electronics, University of Oulu, Finland.
- Prof. Dr. Victorino Franco, Professor, Condensed Matter Physics Department, University of Seville, Spain.



Chettinad

College of Engineering & Technology

Approved by AICTE-New Delhi and Affiliated to Anna University-Chennai.

19.04.2021
to
21.04.2021

International eWorkshop on Science and Technology of Emerging Materials

(eSTEM-21) – Virtual Mode

Organized by the Dept. of Science & Humanities

PLATFORM



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Eminent Speakers



Prof. RAM MURUGESAN

Director - Research,
Chettinad Academy of Higher
Education & Research,
Chennai.



Prof. ERAY AYDIL

Dept. of Chemical & Biomolecular Engg,
New York University,
USA.



Prof. LORENZO PAVESI

Head - Nanoscience Laboratory,
University of Trento,
Italy.



Prof. MONICA LIRA-CANTAU

Group Leader-Nanomaterials
for PV Energy, ICN₂,
Spain.



Prof. MONICA ENCULESCU

Group of Functional Nanostructures,
National Institute of Materials Physics,
Romania.



Prof. VICTORINO FRANCO

Dept. of Condensed Matter Physics,
University of Seville,
Spain.



Prof. GIN JOSE

Chair in Functional Materials,
University of Leeds,
UK.



**Prof. AGNISHWAR
GIRIGOSWAMI**

Chettinad Academy of Higher
Education & Research,
Chennai.



**Prof. MAHESH
SURYAWANSHI**

ARC DECRA Fellow & GL
UNSW, Sydney,
Australia.



Dr. NESLIHAN AKCAY

Dept. of Mechanical Engg,
Baskent University,
Turkey.



Prof. SYED G.HASHMI

Microelectronics Research Unit,
University of Oulu,
Finland.