



SECOND NATIONAL CONFERENCE ON EMERGING MATERIALS FOR SUSTAINABLE FUTURE (NCEMSF – 2024)



25-26 JULY 2024

ORGANIZED BY

DEPARTMENT OF PHYSICS, PSG COLLEGE OF TECHNOLOGY, COIMBATORE.

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Shri L. Gopalakrishnan
Managing Trustee
PSG Institutions

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Assistant Professor
Dr. P. Puviarasu
Assistant Professor (SG)

Organizing Secretaries

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Assistant Professor (Sr.Gr)
Dr. D. Vasanth Raj
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Committee Members

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Dr. R. Amuda
Dr. A. Brinda
Dr. R. Balasundaraprabhu
Dr. S. Prasanna
Dr. R. Balaji
Dr. N. Gokilamani
Dr. B. Uma Maheswari
Dr. N. Kanimozhi

About the College

PSG College of Technology is a Govt. aided, autonomous, affiliated to Anna University and ISO 9001:2015 certified Institution. This is one of the foremost institutions founded by the PSG & Sons' Charities Trust (1926). The College was established in the year 1951. The founder Principal Dr G R Damodaran was instrumental in the planned growth of the institution from the humble beginnings in 1951 to the present status of a world-renowned technological institution. Among the various Under-Graduate and Post-Graduate programmes offered by the college, as many as 18 programmes were accredited in the year 1997 itself by the National Board of Accreditation of AICTE. The college maintains close interaction with several R&D and higher learning Institutions in India and abroad, through institutional network programmes and collaborative research programmes. More than 500 research scholars are pursuing their research leading to Ph.D / MS degrees and the college is a recognized QIP centre for Postgraduate and Ph.D programmes. The college offers Research Fellowship to research scholars, aiming to foster research endeavors and inspire dedicated full-time researchers.

About the Department

The Department of Physics was established in the year 1951. The mission of the department is to train wide spectrum of students of Engineering and Technology by offering relevant curriculum in Physics. Research and consultancy activities are being carried out to achieve self-sufficiency in Hi-Tech Materials, devices and instruments. The department has established a TEQIP funded Advanced Physics Laboratory comprising of Electromagnetic, Electro-optic, Laser Interferometer based experiments to the tune of Rs.12 Lakhs. The department has carried out 18 funded research projects sponsored by various agencies to the tune of 5 crores. The department has four research centres namely Thin Film Centre, GRD Centre for Material Research, Centre for Non-Linear Dynamics and Ceramic Processing Centre. The Department has published more than 300 research papers in international refereed journals. 30 students have been awarded Ph.D. At present 13 research scholars are pursuing research in the department. Currently 4 research projects sponsored by Ministry of Norway, ISRO, SERB, and UGC-DAE CSR to the tune of 1.5 crore are being carried out. Many International, National Conferences and Workshops have been conducted.

About the Conference

Innovation of novel materials for emerging technological applications has become need of the hour. The objective of this conference is to bring together experts from academia, industries, National Laboratories and potential entrepreneurs for disseminating their latest findings and experience related to emerging materials, their properties and performance to meet ever-increasing global needs and uphold the competitiveness.

Thrust Areas

The original full length research articles are invited from the following areas

- Energy Storage Materials and Devices
- Opto-electronic Materials
- Nano, 2-D and Graphene Based Materials
- Polymer/Ceramic / Dielectric / Composite Materials
- Modeling and Simulation of Materials and Devices
- Thin Film Devices
- Bio Materials
- Magnetic / Optical/ Fluorescent Materials
- Radiation Shielding Materials

Publication

Papers presented in the conference will be published in the Conference Proceedings with e-ISBN.

Important Dates

Last date for Registration : 30 June 2024
Last date for Submission of Full Papers : 15 June 2024
Intimation of Acceptance : 30 June 2024

Registration Form



[Article Template](#)



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[Paper Presenters](#)

Registration Fee

Industry and R & D Centres : ₹ 2000/-
Academicians : ₹ 1500/-
Research Scholars : ₹ 1000/-
PG/UG Students : ₹ 750/-


Bank Account Details for Registration

Account Number : 1481267367
Account Holder : PSG Center for Non formal and Continuing Education (PSG CNCE)
Name of the Bank : Central Bank of India
Branch : Peelamedu
IFSC Code : CBIN0280913


Address for Communication

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