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Dr. P. Ramesh, Dean - Science & Humanities

CONFERENCE CONVENERS :

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Dr. V. Vijayalakshmi, Assistant Professor, Dept. of Physics

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Mr. T. Senthilganes, Assistant Professor, Dept. of Physics

Dr. K. Sujatha, Assistant Professor, Dept. of Physics

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Dr. J. Aarthi, Assistant Professor, Dept. of Physics

Mrs. K. Poongodi, Assistant Professor, Dept. of Physics

For Further Details Contact :

Dr. V. Vijayalakshmi
9500738978

Honorable Speakers



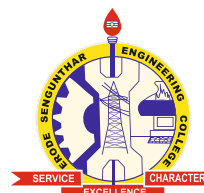
Prof. Misook Kang,
Yeungnam University,
South Korea



Prof. Dhayalan Velauthapillai,
University of
Western Norway,
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Smagul Karazhanov,
Institute for Energy
Technology (IFE), Norway



ERODE SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)



Perundurai, Erode - 638 057, Tamil Nadu, India.

nirf-Innovation
National Institutional Ranking Framework for Innovation
Ministry of Education, Government of India
51st-100th Band



DEPARTMENT OF PHYSICS, ORGANIZES

**"INTERNATIONAL CONFERENCE
ON SUSTAINABLE MATERIALS
FOR ENERGY APPLICATIONS
(ICSME-24)"**

21st - 22nd MARCH 2024

ADDRESS FOR COMMUNICATION

Convenor - ICSME 2024
Erode Sengunthar Engineering College
(Autonomous)

Perundurai, Erode - 638 057

www.erode-sengunthar.ac.in/icsme2024@gmail.com

ABOUT THE COLLEGE

Erode Sengunthar Engineering College, Approved by AICTE, New Delhi and permanently affiliated to Anna University, Chennai and an Autonomous Institution was established in the year 1996 for the upliftment of urban and rural youth by the philanthropic visionaries of Erode Sengunthar Educational Trust. The college offers Sixteen UG programmes and ten PG programmes in Engineering & Technology. They are, B.E. in Civil Engineering, Computer Science and Engineering, Computer Science and Design, Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Mechanical Engineering, Mechanical Engineering (Tamil Medium), Bio-Medical Engineering, Agriculture Engineering, Robotics and Automation, B.Tech. Chemical, Biotechnology, Information Technology and Artificial Intelligence and Data Science and five years integrated M.Tech Computer Science and Engineering, M.E. Environmental Engineering, M.E. Structural Engineering, M.E. Computer Science and Engineering, M.E. Industrial Safety Engineering, M.E. Manufacturing Engineering, M.E. Power Electronics and Drives, M.E. Applied Electronics, M.Tech. Chemical Engineering, M.C.A and M.B.A. It has a full-fledged infrastructure furnished in all aspects. The institution is known for strict academic discipline and standards and is one of the best run institutions in this part of Tamilnadu. It is also well-connected by the bus routes from Erode (25km), Coimbatore (80 km) and Salem (80 km). The nearest airports are located at Coimbatore and Salem. The college is accredited by NAAC with "A" grade. All the UG programmes are accredited by Institution of Engineers (India), Kolkata.

DEPARTMENT OF PHYSICS

The Department of Physics was established in the year 1996. The department has been working towards fulfilling its mission through a synergistic combination of teaching and research. The department has well established research centre funded by DST, SERB and DAE-BRNS. Apart from handling classes for undergraduate and post-graduate engineering programs, the department has also been conducting short-term continuing education programmes for participants from educational institutions and industries. The mission of the department is to contribute to the training of a wide spectrum of students of engineering and technology by offering relevant curricular inputs related to applied Physics. Research & development and consultancy activities are being carried out to achieve self-sufficiency in Hi-Tech Materials, devices and instruments. Research work in the area of Nanomaterials, Thin film, Crystal growth, Optical Memory devices, MEMS, Solar cells, non-linear dynamics, and Dielectric devices are in progress.

CONFERENCE PREAMBLE

The International Conference on Recent Advancements in Advanced Functional Materials (ICSME-24) is being organized by Erode Sengunthar Engineering College, Perundurai, India on 21st & 22nd March 2024. The focus of this conference is to bring and unite international scholars working in the field of sustainable energy materials. The objective of this conference is to share and discuss both theoretical ideas and practical knowledge about the new trending problems, approaches, applications, technological advancements, proficiencies and standards in the field of energy materials. The young researchers are provided with opportunities to share their findings and to improve their research through oral and poster presentations. This conference will be an opportunity to reflect on what has been happening in the field of energy applications, to share the experiences, perspectives and responses to the challenges faced by the researchers, and at the same time to give a thought to set new directions for the future. The Conference is focused on innovative issues at the international level by bringing together experts and participants from different countries.

CALL FOR PAPER

The purpose of the ICSME-24 is to disseminate global knowledge in the domain of Materials Science and give more emphasis on innovative concepts in

- Single Crystals for Energy Storage Devices
- Nano-Materials
- Nano catalysts & Nanocomposites
- Novel materials for solar cells
- Materials for Green Nanotechnology
- Supercapacitor Electrode Materials

- Photocatalysts
- Hydrogen Energy
- Energy Storage Materials
- Renewable Energy Materials
- Power & Storage Materials
- Solar energy, Batteries, Fuel Cells

IMPORTANT DATES

Last date of Abstract Submission : 16th February, 2024
Last date of Paper Submission : 25th February, 2024
Registration Date : 2nd March, 2024
Dates of Conference : 21st & 22nd March, 2024

REGISTRATION

Research Scholars/PG Students	: Rs. 1000/-
Academicians/Faculty	: Rs. 1500/-
Industry/Others	: Rs. 2500/-
Attendee	: Rs. 500/-
Foreign Research Scholars/PG Students/ Foreign Academicians/Faculty	: 200 USD

REGISTRATION FEE INCLUDES

- » Conference Kit, Conference Certificate, High Tea and Grand Lunch (Both Days).
- » Additional publication charges will be included as per the journal norms. Publication fee will be collected after the acceptance of the paper from the publisher.

REGISTRATION GUIDELINES

- » Only registered authors will receive their certificate.
- » If you cancel your registration or do not attend the convention/conference, the registration fees will not be refunded in any case.
- » At least one of the author(s) should register to present the paper at the conference.
- » For a single paper, multiple authors can present with multiple registration fees.
- » A single author presenting multiple papers should register for each paper if all papers are accepted. No TA/DA will be paid to any delegate for the Conference.

GUIDELINES FOR PAPER SUBMISSION

- » Previously published research paper should not be submitted
- » Plagiarism should be less than 15%. Authors should take responsibility for issues related to plagiarism.
- » Acceptance of paper for presentation/ Publication will be intimated to the authors via email
- » Articles should be submitted in both MS-word and PDF formats
- » Registration will be confirmed after the payment of registration fee
- » Only the research papers accepted and presented in the conference will be considered for publication
- » Template of the journal is given in the conference website. The full-length paper should be submitted through email - icsme2024@gmail.com

GENERAL GUIDELINES

- » Accommodation can be arranged on prior request to the conference conveners.
- » Certificates will be issued only for the registered participants.



Prizes will be given for the Best Oral & Poster Presentation.