

# 3rd International Conference on Electronics and Renewable Systems



(ICEARS 2024) | 9-10, July 2024 - Tuticorin, India



## ABOUT THE CONFERENCE

The Third International Conference on Electronics and Renewable Systems (ICEARS 2024) is a new annual conference organized by St. Mother Theresa Engineering College, Thoothukudi, India. The theme of the conference is "Smart Electronics and renewable energy systems for sustainable development" and the event will be held on 9-10, July 2024 at Thoothukudi, Tamil Nadu, India. The conference theme is "Smart Electronics and renewable energy systems for sustainable development". The Conference primarily focuses on the state-of-the-art technologies, methods, strategies, and challenges faced by Smart Electronics systems, Electric Drives, Smart Grids, Renewable Energy resources, micro-grids and the interconnection to modern power systems and also the operation of the smart grid models for a smarter and more user and environment-friendly electronics and energy systems.

## ABOUT THE COLLEGE

St. Mother Theresa Engineering College (MTEC) was established in 2009 with the endeavour to bring out social change and development in the vicinity of Thoothukudi. The College is located on Thoothukudi-Tirunelveli National Highway (NH 7A). It is well connected to all the neighbouring towns and is easily accessible by Road, Rail and Air. The College has achieved a marvellous growth since the time of inception with six branches of Engineering and many more in the days to come. Sophisticated class rooms, well equipped laboratories, qualified and dedicated faculty members are contributing to the holistic development of our student community.

## CALL FOR PAPERS

### Track 1 : Smart Electronics

- Advanced Sensor Systems
- Micro/Nano Electronics
- Advanced Sustainable and Reliable VLSI Systems
- Internet of Things [IoT] for smart consumer electronics
- Electronic Circuits and Systems for Information Security
- Intelligent Robotics and Autonomous Systems
- 3D IC and Interconnection Network Design
- Electronic design automation (EDA)
- Low-power wearable and implantable systems
- Networked and Distributed Intelligent Control

### Track 2 : Renewable Systems

- Hybrid Energy Systems
- Micro-grid and Smart Grid Systems
- Electric Vehicles
- Distributed Generation and Smart Grid Interconnection
- Efficient Energy Storage Techniques
- Power Quality and EMI
- Smart Energy Policies & Standards
- Power Electronic Converters
- Power System Operation & Control
- Optimization Techniques

## COMMITTEE

### Chief Patrons

Dr. S. Cletus Babu  
Chairman, SCAD Group of Institutions

Mr. C. Arun Babu  
Managing Director, SCAD Group of Institutions

Ms. C. Anandhi Babu  
HR Director, SCAD Group of Institutions

### Conference Chair

Prof. A. George Klinton  
St. Mother Theresa Engineering  
College  
Tuticorin, India

### Publication Chair

Dr. K.Karthikeyan  
St. Mother Theresa Engineering  
College  
Tuticorin, India

### Key-note Speakers

Dr. Alok Naugarhiya  
Department of ECE, National Institute  
of Technology, Raipur, India

Dr. Isidoros Perikos  
Department of Computer Engineering  
and Informatics, University of Patras,  
Greece

Dr. A. Bhardwaj  
Indian Institute of Technology  
Mandi, Himachal Pradesh, India

## SUBMISSION

Papers must report a substantial advance in an area of novel electronics and renewable systems that is both original and significant. Access the ICEARS 2024 Call for Papers before submitting your paper to the conference.

Authors, shall submit the full manuscript via email: [icears.con@gmail.com](mailto:icears.con@gmail.com)

## PUBLICATION

All registered and presented papers will be submitted for inclusion in the book series : Springer - Information Systems Engineering and Management



<https://www.springer.com/series/17396>

## VENUE & CONTACT

St. Mother Theresa Engineering College  
Muduvaihanandal Post, Vagaikulam, Tuticorin  
(Thoothukudi), Tamil Nadu, India - 628 102.

Prof. A. Somasundaram  
Assistant Professor/EEE, St. Mother Theresa  
Engineering College, Tuticorin, India.

E-mail : [icears.con@gmail.com](mailto:icears.con@gmail.com)  
Phone : +91-7708058505