



**Second International Conference
on
Smart Innovations
in
Electrical Engineering**

**ICSIEE 2025
27th & 28th May 2025**

ORGANISED BY

Department of Electrical and Electronics Engineering
Mangalam College of Engineering
Ettumanoor, Kottayam, Kerala
Approved by AICTE and Affiliated to APJ Abdul
Kalam Technological University (KTU)

CHIEF GUEST

Mr. Karthik R

Scientist/Engineer,
ISRO, Valiamala
Thiruvananthapuram

GUEST OF HONOUR

Dr. Manoj Kumar Nallapaneni

Professor, City University of Hong Kong -
School of Energy and Environment, Hong
Kong, China

KEYNOTE SPEAKERS

Dr. Manoj Kumar Nallapaneni

Professor, City University of Hong Kong - School
of Energy and Environment, Hong Kong, China

Dr. Parveen Saini

Sr. Principal Scientist and Professor, AcSIR at
CSIR-National Physical Laboratory, Delhi

Dr. Anand Abhishek

Principal Scientist, CSIR - Central Electronics
Engineering Research Institute (CSIR-CEERI),
Rajasthan (INDIA)

Mr. Karthik R

Scientist/Engineer, ISRO Thiruvananthapuram

Dr. Prince A

Principal, RIT Kottayam

Dr. M V Rajesh

Principal (i/c), College of Engineering Poonjar

Dr. Antony K Peter

Research Associate, Hochschule Kempter
University, Germany

Dr. Sajeer Mohandas

AGM Electrical Maintenance, NPTC
Bongaigaon, Assam

SESSION CHAIR

Dr. Abhilash T. Vijayan

Associate Professor, Rajiv Gandhi Institute
of Technology, Kottayam

Dr. Lintu Rajan

Assistant Professor, NIT Calicut

Dr. Indhu P Nair

Principal
College of Engineering Kidangoor

ABOUT

**2nd International Conference on Smart
Innovations in Electrical Engineering 2025
Greetings from ICSIEE 2025**

The Department of Electrical and Electronics Engineering at the Mangalam College of Engineering is hosting the **International Conference on Smart Innovations in Electrical Engineering (ICSIEE 2025)**, which covers topics such as energy management systems, industrial automation, artificial intelligence-based applications, and related interdisciplinary sciences. Mangalam College of Engineering, Kottayam, will host the International Conference ICSIEE 2025 on May 27 and 28.

Prominent academicians and scientists from a variety of fields will give keynote addresses during the conference, which will consist of several parallel sessions covering all the main topics. The conference also aims to give scientists, engineers, and researchers from these various multidisciplinary science domains a shared platform to interact and share ideas with one another.

It is also intended for original research pieces, reviews, and feature stories to be included in the conference proceedings book with an ISBN. The conference may cover the following main subjects, albeit these are not the only ones:

- **Applications based on artificial intelligence**
- **Electric cars;**
- **IoT Based Smart Devices**
- **Industrial automation**
- **Electrical drives**
- **Energy management systems,**
- **Sensor networks,**
- **Security, fault detection and diagnosis,**
- **Energy storage systems,**
- **Power, control, and instrumentation,**
- **Sustainability and green systems, and smart grid**

**Selected papers will be published in
Scopus-indexed journals.**

Partron

Dr. Biju Varghese
Chairman, Mangalam
Educational
Institutions

Conference Chair

Dr. Vinodh P Vijayan
Principal, Mangalam College of
Engineering

Convener

Dr. Honey Baby
Associate Professor and Head,
Department of Electrical and
Electronics
Engineering, MLMCE

Organizing Secretary

Ms. Sreekala V M, Assistant Professor,
Department of Electrical and Electronics
Engineering, MLMCE
Ms. Krishna Priya T K, Assistant
Professor,
Department of Electrical and Electronics
Engineering, MLMCE

Organizing Committee

Ms. Jolly George
Ms. Aiswarya Chandran
Ms. Shoma Mani
Mr. Arun Chandrakumar K
Ms. Shilpa Rajan

Advisory Committee Foreign Delegates

Dr. Sze Sing Lee
Assoc. Professor and Program Director of Electrical
Power Engineering, Affiliation-New Castle University,
Singapore

Advisory Committee Indian Delegates

Dr. Mlnu A. Pillai,
Assistant Professor
Indian Institute of Information Technology Kottayam

Dr. S Leela
Professor, Mount Zion College of Engineering and
Technology, Pudukkottai, Tamil Nadu

Prof. Sreekumar M
IIITDM Kancheepuram, Tamilnadu

Dr. Sharath S,
Associate Professor,
Carmel Engineering College

Dr. Lintu Rajan
Assistant Professor
NIT calicut

Dr. Ajayan S.
NSS Palakkad

Registration Fees

Early Bird (8-16 March, 2025)

Academic presenter	:	5000
Professional presenter	:	4500
Student presenter	:	4000
Student participant	:	2000

Regular (23-30 October, 2023)

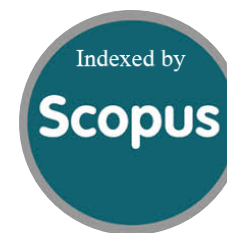
Academic presenter	:	5000
Professional presenter	:	5000
Student presenter	:	4000
participant	:	2000

Important Dates

Paper submission deadline	:	25 MARCH, 2025
Acceptance notification	:	15 APRIL, 2025
Early bird registration and paper submission	:	8-16 MARCH, 2025
Regular registration and paper submission	:	10-20MAY, 2025
Conference date	:	27-28 MAY, 2025

GUIDELINES FOR PAPER SUBMISSION

Full length paper shall be sent to siee@mangalam.in. The paper should be in single column format. Full papers are expected to be a minimum of 4 pages and maximum of 8 pages in length. Prospective authors are invited to submit full length papers including results, figures and references in word format.



Publications

Original and unpublished research papers are invited for presentation in this conference with an aim to publish in SCOPUS indexed international conference proceedings after peer review and additional cost.

About The Department

Electrical engineering is a field of engineering that generally deals with the study and applications of electricity, electronics and electromagnetism. The field first became an identifiable occupation in the late nineteenth century after commercialization of the electric telegraph and electrical power supply. It now covers a range of subtopics including power, electronics, control systems, signal processing and telecommunications. From the Global Positioning System to electric power generation, electrical engineers have contributed to the development of a wide range of technologies. They design, develop, test and supervise the deployment of electrical systems and electronic devices. The Department of Electrical and Electronics Engineering was established in the year 2002. It is well equipped with highly commendable facilities and is effectively headed by Dr. Honey Baby and guided by a team of highly experienced, dedicated and

