

ICACRS

3rd International Conference on Automation, Computing and Renewable Systems



ICACRS 2024 | 4-6, December 2024 | Pudukkottai, India



Organized by,

MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

MOUNT ZION
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Affiliated to Anna University & Accredited by NAAC with A+ Grade)
Lena Vilakku, Pillvalam P.O, Thirumayam TK, Pudukkottai - 622507
E-mail: info@mzcet.in | www.mzcet.in

ICACRS

ABOUT THE CONFERENCE

The **3rd International Conference on Automation, Computing, and Renewable Systems (ICACRS 2024)** is a platform that brings together researchers, academicians, industry professionals, and practitioners to discuss and explore the latest advancements in the fields of intelligent computational methods, automation, and emerging trends in renewable energy, with a particular focus on vehicular systems. The conference is scheduled to take place in Mount Zion College of Engineering and Technology from 4 to 6 December 2024.

The theme for ICACRS 2024 explores the "Role of intelligent computational methods, automation, and renewable energy in shaping the future of vehicular systems". By considering the integration of technological innovation and sustainable practices, ICACRS 2024 aims to provide a comprehensive platform for participants to share insights, exchange ideas, and foster collaborations that will drive advancements in intelligent transportation and renewable energy integration.

ABOUT THE COLLEGE

The **Mount Zion College of Engineering and Technology** is delighted to host the ICACRS Annual Conference 2024. This year, we're introducing a dynamic hybrid format, combining in-person and virtual experiences. The conference program is now accessible for your review. As part of ICACRS 2024, an exciting oral presentation session has been arranged, inviting researchers of all levels, including students, to contribute. Your active involvement is eagerly anticipated.

Mount Zion College of Engineering and Technology was founded in the year 2001. It is run by Mount Zion Christian Educational Trust. This trust was formed in 1988 with the sole aim of providing education in the educationally backward district of Pudukkottai. The college since its inception has grown in leaps and bounds and is currently one of the best in the region. It strives to make all those who pass through its portals into innovative, hardworking engineers who will be of use to their places of work and to the society at large.





Track 1 : Intelligent Computational Methods in Vehicular Systems

- Artificial Intelligence Applications for Smart Transportation
- Machine Learning for Traffic Prediction and Optimization
- Computational Intelligence in Autonomous Vehicles
- Intelligent Fleet Management Systems
- Cognitive Computing for Vehicular Networks
- Big Data Analytics in Connected Cars
- Edge Computing Solutions for Vehicular Applications
- Explainable AI in Vehicular Systems

Track 2 : Automation in Vehicular Systems and Transportation

- Autonomous Vehicles and Self-Driving Technologies
- Connected Vehicle Technologies and V2X Communication
- Intelligent Traffic Management and Control
- Cybersecurity for Vehicular Systems
- Human-Machine Interaction in Automotive Design
- Sustainable and Energy-Efficient Transportation Systems
- Adaptive Cruise Control and Advanced Driver Assistance Systems (ADAS)
- Vehicle-to-Grid (V2G) Integration and Smart Charging

Track 3 : Intelligent Computational Methods in Vehicular Systems

- Electric Vehicle Charging Infrastructure and Grid Integration
- Solar and Wind Energy Applications in Electric Vehicles
- Energy Storage Solutions for Vehicular Systems
- Sustainable Materials for Automotive Design
- Bioenergy and its Role in Sustainable Transportation
- Innovative Approaches to Hybrid and Alternative Fuel Vehicles
- Environmental Impact Assessment in Vehicular Systems
- Policies and Regulations Driving Renewable Energy Adoption in Transportation



Chairperson

Mrs. Florence Jayabarathan, Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India

Director

Mrs. Vivian Rachel Jayson, Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India

Conference Chair

Dr. Balamurugan P, Principal Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India

Publication chair

Dr. Robinson S, Dean/ICT Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India.

Website chair

Mr. Thivya Prasad D., HoD/EEE, Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India.

Finance chair

Dr. Kavitha V., HoD/ ECE, Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India.

Key-note Speakers

Dr. Manu Malek, IEEE Life Fellow, Editor in Chief, Computers & Electrical Engineering, Elsevier, Alcatel-Lucent Bell Labs and & Professor, Stevens Institute of Technology (ret.), New Jersey, United States.

Pr. Pascal Lorenz, Professor, University of Haute Alsace, France

Dr. Gopal Rawat, SMIEEE School of Computing and Electrical Engineering (SCEE), Indian Institute of Technology Mandi (IIT Mandi), Mandi, Himachal Pradesh, India.

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SUBMISSION GUIDELINES

Send full manuscript via email:

icacrs.confe@gmail.com

Paper Template : [MS Word](#) & [Latex file](#)

<https://icacrs.com/2024/submission.html>

IMPORTANT-DATES

15 September, 2024 - Paper Submission Deadline

10 October, 2024 - Acceptance Intimation

5 November, 2024 - Registration Deadline

4-6, December 2024 - Conference Date



VENUE

Mount Zion College of Engineering and Technology

Lene vilakku, Pilivalam P.O

Pudukkottai, Tamil Nadu, India

Map : [Click Here](#)

CONTACT

Dr. Robinson S

Dean/ICT, Mount Zion College of Engineering and Technology, Lene vilakku, Pilivalam P.O, Pudukkottai, Tamil Nadu, India

E-mail : icacrs.confe@gmail.com

Phone : +91-9894162587

+91-9442346208

