International Conference on Automation, Computing and Renewable Systems
ICACRS 2022
13-15, December 2022 | Pudukkottai, India

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Registration Fee Details
Registration fee refer the following link:
http://www.icacrs.com/registration.html

Submission Guidelines
Send full manuscript via email:
icacrs.confe@gmail.com

About the Conference

Many computational intelligence and learning methods, such as expert systems, neural networks, genetic algorithms and so on have found success in a variety of control and automation fields. Intelligent Control, which differs from conventional approaches is based on methodologies derived from Artificial Intelligence [AI] and soft computing techniques is capable of dealing with problems in diverse computational and communication domains; and, more recently, those related to renewable energy and mobile autonomous systems, where conventional methods were unsuccessful. Nevertheless, new technologies such as artificial intelligence, edge computing, and the Internet of Things have led to an unprecedented development of control and intelligent systems. The theme of ICACRS 2022 is “Intelligent Computational Methods, Automation and Emerging trends in renewable energy”. This International Conference on Automation, Computing and Renewable Systems [ICACRS 2022] is devoted to intelligent systems that improve the control of nonlinear systems and its applications and also the novel contributions in all aspects of automation and renewable systems. This conference will provide a knowledge-building and experience-sharing platform for professionals from the industry, academia and research organizations.

About Mount Zion College of Engineering and Technology

Mount Zion College of Engineering and Technology was inaugurated in the year 2001. It is run by Mount Zion Christian Educational Trust. 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 are devoted to intelligent systems that improve the control of nonlinear systems and its applications and also the novel contributions in all aspects of automation and renewable systems. This conference will provide a knowledge-building and experience-sharing platform for professionals from the industry, academia and research organizations.

Keynote Speakers

Dr. N. Kumarappan
Chairman, IEEE Madras Section and Professor, Department of Electrical Engineering, Faculty of Engineering and Technology, Annamalai University, Tamil Nadu, India

Dr. R Kanthavel
Professor, Department of Computer Engineering, King Khalid University, Kingdom of Saudi Arabia

Dr. João Tavares
Faculty of Engineering of University of Porto, Portugal

Call for Papers

Computational Methods
Soft Computing
Grid Computing
Machine Vision and Computational Imaging
Mobile Edge Computing
Autonomic Computing
Distributed Computing
High Performance Computing
Internet of Things
Quantum Computing
Computational Intelligence for Electric Machines and Drives
Machine/Deep Learning
Cryptography and Blockchain
Cyber Physical Systems
Human-computer interaction
Meta Heuristic Algorithms
Crowd Sourcing & Social Intelligence

Robotics and Automation
Cognitive and Adaptive Automation Systems
Navigation and Control
Fault Detection and Diagnosis
Agents and Multi-agent Systems
Process Modelling, Control and Optimal Design
Optimization and Decision Making Support
Automated Fault Detection, Diagnostics, and prognostics
Sensor Fusion for Intelligent Automation Systems
Smart Products and Embedded Intelligence
Sustainability and Green Automation
Knowledge Based Systems
Robotics and Virtual Reality Systems
Human-Robot Interaction and Semi-Autonomous Systems
Modeling and Simulation Scheduling
Ubiquitous Mobile Robotics

Renewable Systems
Intelligent Control Techniques
Hybrid and Integrated Renewable Energy Systems
Photovoltaic Systems and Solar Energy Engineering
Renewable Energy Utilizations
Fault Monitoring and Predictive Maintenance
Environmental Impacts and Sustainability
Environment Friendly Energy Systems
Sustainable Transport and Electric Vehicles
Sustainable Electrical Energy Systems
Smart Grid
Intelligent Integration of Renewable Energy Technologies
Hybrid Energy Systems
Energy Efficient Systems
Sustainability in Process Industries
Efficient Energy Generation and Conversion
Control and Optimization of Renewable Energy Systems

Technical Co-Sponsors

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Venue

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