



ICICASEE-2023

1st International Conference on Intelligent Computation and Analytics on Sustainable Energy and Environment

September 21-23, 2023



Venue: Ghani Khan Choudhury Institute of Engineering & Technology, Malda, W.B-732141, India
A Centrally Funded Technical Institute (CFTI) under Ministry of Education Govt of India

All accepted and presented papers will be published in CRC Press (Taylor & Francis)
Best Paper of each track will be acknowledged with Certificates of Appreciation and Prizes

Conference Theme

Department of Electrical Engineering, Ghani Khan Choudhury Institute of Engineering and Technology (A Centrally Funded Technical Institute under Ministry of Education, Govt. of India) is going to organize 1st International Conference on Intelligent Computation and Analytics on Sustainable Energy and Environment on September 21-23, 2023. We invite your active participation in this conference by presenting papers, proposing special sessions/workshops, and attending technical sessions. Distinguished people will be invited to deliver keynote speeches and invited talks on latest trends and significant developments in the emerging technologies.

The prime focus of ICICASEE -2023 is to provide a platform for the researchers, students, academicians, and industry professionals across the globe to disseminate the ideas on emerging trends in power, energy, environment and signal processing for the sustainable development.

Different technical tracks of the proceedings are as follows:

Track-1: AI/ML in Power Systems and Smart Grids	Track-2: Applications of AI/ML in Power Converters and Industrial Drives	Track-3: Intelligent computation in Renewable Energy & Energy Storage
<ul style="list-style-type: none"> Power System Operation and Control using AI/ML Power System Optimization Power Quality and FACTS Blockchain applications in smart grid, Micro, Nano & Pico Grids IoT Infrastructure for energy management in power system Cyber Security of Power grids Intelligent monitoring and outage management 	<ul style="list-style-type: none"> Modelling and control of advanced power converters using intelligent computation EMI and EMC issues in power electronic system design and packaging Design of rotating and linear electrical machines Power electronics and motor control for intelligent electric transportation AI/ML/IoT/big data analytics in EV/HEV 	<ul style="list-style-type: none"> Modelling, Control and Optimization of renewable energy system using AI/ML Distributed Power Generation Grid integration and stability Energy Harvesting, Green Energy Issues Battery Management Systems, Battery Engineering using AI/ML/IoT G2V and V2G applications for industrial information integration
Track-4: Applications of AI/ML in Signal Processing, Control and Communication	Track-5: Environmental Sustainability using AI/ML	
<ul style="list-style-type: none"> WLAN, Ad-HoC, Antenna and Wave Propagation Application of ECG, EEG and Speech Signals Image Processing in different applications Linear and non-linear Control, Predictive Control Embedded Control Systems and Sensor Networks Signal Processing for IoT Applications Signal Processing for Bio-Medical and Medical Applications 	<ul style="list-style-type: none"> Environmental Measurements Emission Optimization Methods Sustainable Technologies Energy Efficiency Smart City Infrastructure Home Automation and Smart Buildings Agricultural Development 	

Authors Guidelines

Prospective authors are requested to submit full papers (6 pages max) according to guidelines available on the conference website. Do not temper the prescribed style and formatting. All papers presented will go through standard proofreading policy and will be submitted for publication in indexed proceedings.

Registration Details

Category	National Participants (₹)	International Participants (\$)
Early Bird	6000	150
Regular	7000	200

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Contact Information
Dr. Amarjit Roy
icicasee2023@gmail.com
+91-6297 947 007

Important Dates
Submission of Paper: 1st April, 2023
Paper Submission Deadline: 31st May, 2023
Paper Acceptance Notification: 1st August, 2023
Early Bird Registration: 10th August, 2023
Final Registration: 31st August, 2023
Submission of Final Camera-Ready Paper: 31st August, 2023