

ABOUT THE CONFERENCE

Recent years have witnessed the evolution of Artificial Intelligence [AI] techniques like deep learning, machine learning, pattern recognition, Natural language processing [NLP], and computer vision and their revolutionary applications in the emerging smart city and industrial automation applications. In this scenario, AI provides smart and efficient tools for smart energy systems to perform smart electricity generation, emergency response, and delivery. The main goal of the International Conference on Artificial intelligence and Smart Systems [ICAIS 2021] organized by JCT College of Engineering and Technology, Coimbatore, Tamilnadu, India on 25-27, March 2021 is to propose, share and exchange innovative Artificial Intelligence [AI] solutions to enhance the efficiency, stability, robustness, and security of smart energy systems.

ABOUT THE COLLEGE

JCT College of Engineering and Technology Shri Jagannath Educational Health and Charitable Trust was established by renowned and philanthropic people with an objective of providing education to all especially the down trodden and rural population. Considering the growing demands for technical education in the country the trust has started an engineering college namely JCT College of Engineering and Technology in Pichanur in Coimbatore for the academic year 2009-10. The College is located at Pichanur at the foothills of the Western Ghats in a serene, eco-friendly lush green environment.

CALL FOR PAPER

Artificial Intelligence

- Capsule Networks
- Smart Agent-based Systems
- Machine Learning
- Fuzzy based Intelligent Systems
- Evolutionary Computing
- Expert Systems
- Human-Computer Interaction Technologies
- Cognitive Intelligence
- Artificial Immune Systems
- Cyber-Physical Systems
- Artificial Life
- Knowledge-based Systems
- Artificial Neural Networks
- Computational Intelligence
- Neuro-Fuzzy Models and Techniques
- Intelligent Estimation and Classification Models
- Hybrid Intelligence
- Internet of Intelligent Things
- Quantum Computing
- Cyber-Security Models and Techniques
- Reinforcement Learning

Smart Systems

- Deep Learning based Smart Energy Systems
- Innovative Energy Control and Management Techniques
- AI in Renewable Energy Systems
- Smart Power and Energy Systems
- Distributed Energy Systems
- Active Power Generation Models
- Intelligence Fault Diagnosis and Maintenance Technologies
- Smart Process Monitoring and Control Strategies
- Techniques to Reduce Energy Consumption
- Smart Energy Optimization Techniques
- Neural Estimation for Energy Consumption
- Predictive Control, Planning and Scheduling Algorithms
- Dynamic Control of Energy Systems
- Distributed Computing and Control in Energy Systems
- Secured and Privacy-Preserving Analytics for Smart Energy Systems
- Innovation Quantum Computing Processes in Energy Systems

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VENUE

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