

ABOUT THE CONFERENCE

In recent years, Internet of Things [IoT] plays a vital role in interconnecting all the wireless devices by connecting them smartly over the internet. Due to their heterogeneous nature, IoT has developed greater research potential for the wireless network community. IoT with its number of intelligent sensor nodes, it becomes capable enough to sense and respond even to the complex and irregular issues that emerge in the intelligent systems. This International Conference on IoT based Control Networks and Intelligent Systems [ICICNIS 2020] organized by St. Joseph's College of Engineering and Technology, Kottayam, Kerala, India on 10-11, December 2020 aims to gather the state-of-the-art research contributions in the evolving field of Internet of Things [IoT] in control networks and intelligent system applications.

ABOUT THE COLLEGE

The establishment of St. Joseph's College of Engineering, was the fulfilment of a long cherished dream of providing facilities for higher education to the people of the diocese and surrounding regions. The main objective is to develop a college with a distinct identity and character, where education and training are imparted in a truly Christian environment conducive to fostering Christian values such as faith in God, love for their fellow men and devotion to the motherland. Every facility is provided in the campus to create an environment fully conducive to realizing this objective.

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Large-Scale Control Architectures
Intelligent Control Systems

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Fuzzy Logic Control
Neural-Based Control
Environmental Monitoring and Control
Aerospace Control Networks
Mechatronic Systems and Control
Power Systems and Other Related Applications

Next-Generation Control Networks and Management

Control Networks Protocol Design
Intelligent Control Theory and Applications
Management of Autonomic Control Networks
Delay Tolerant Networks
Industrial Control Networks and Automation
Intelligent Vehicular Control Networks

Intelligent System Architectures

Knowledge-Based Networks
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Fuzzy Systems
Neural Network-Based Intelligent Systems
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Intelligent Optimization Techniques

Intelligent Networks and Communication Technologies

Intelligent Network Protocol Design
QoS and Resource Management Techniques
Opportunistic Networks
Mobile Ad-Hoc Networks
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Cognitive Networks
Intelligent Vehicular Networks and Protocols

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International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS 2020)

On

10-11, DECEMBER 2020

Organized by

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