

## ABOUT THE CONFERENCE

In recent years, smart systems and control science are entering into a new technology phase. This initiative reflects new challenges and stimulates the need of rapid research awareness on realizing various smart systems and control strategies into existence. The 5th International Conference on Inventive Systems and Control [ICISC 2021] which is to be held on 7-8 January 2021 at JCT College of Engineering and Technology, Coimbatore, India will initiate an open forum for academicians, researchers and industrialists where the recent advances in control science and systems engineering can be extensively discussed, shared and examined. ICISC 2021 is solely dedicated to publish high-quality and transferable innovations across all the aspects in the fields of inventive smart systems and control science with an extensive interest in the areas of formulation, implementation and analysis in the fields of control and information science.

## ABOUT THE COLLEGE

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. It is well connected by road, rail and air.

## CALL FOR PAPERS

### Intelligent Systems

- Soft Computing and Fuzzy Systems
- Pattern Recognition
- Computer Vision
- Computational Intelligence
- Brain-Computer Interface
- Machine Vision
- Intelligent Search and Optimization Techniques
- Decision Support Systems
- Intelligent Healthcare Systems
- Intelligent Knowledge Management Systems
- Intelligent Business Systems
- Hybrid Intelligent Systems
- Intelligent Manufacturing Systems
- Human-Machine Interface
- Intelligent Autonomous Systems
- Robotics

### Intelligent Computing Technologies

- Cloud Computing and Big Data
- Internet of Things
- Cyber-Physical Systems
- Intelligent Fuzzy based Systems
- Neural Networks
- Artificial Intelligence and Intelligent Systems
- Machine Learning
- Knowledge-based Systems
- Multi-Agent Systems
- Mobile Computing
- Fog/Edge Computing Models
- Social Computing
- Scientific Computing
- Virtual Networks and Environments
- Cognitive Computing
- Genetic and Swarm Computing

### Intelligent Control Systems

- Intelligent Control and Automation Techniques
- Linear and Non-linear Control
- Adaptive and Learning Control
- Optimal Control Methods and Techniques
- Fault Identification and Detection
- Networked Control Techniques
- Neural Network-based Control Techniques
- Fuzzy based Control
- Robotic Control Techniques
- Performance Evaluation and Optimization Techniques
- Embedded Control
- Process Control
- Intelligent Vehicle Control
- Motor Control and Power Systems
- Sustainable Control Theories and Models
- Environmental Monitoring and Control
- Real-Time Systems Control
- Intelligent Modelling, Analysis and Control

### Applications

- Supply Chain and Logistics
- Process Automation
- Quality Control and Management
- Healthcare
- Industrial Internet of Things
- Industrial Automation and Robotics
- Internet of Vehicles
- Smart Virtual Environments
- Mechatronics Systems
- Mobile Technologies and Services
- Remote Sensing
- E-learning
- Gaming Theory
- Smart User Interfaces
- Multimedia and Video Processing

## ORGANIZING COMMITTEE

### CHIEF PATRON

**Dr. G. Ramesh M.E., Ph.D., FIE,**  
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### CONFERENCE CHAIR

**Dr. K.Geetha,**  
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Send your paper to [contct.icisc@gmail.com](mailto:contct.icisc@gmail.com)

## REGISTRATION FEE DETAILS

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## VENUE

JCT College of Engineering and Technology,  
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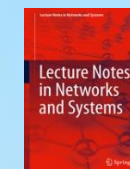
## 5<sup>th</sup> International Conference on Inventive Systems and Control (ICISC 2021)

On

**7-8 January 2021**

Organized by

**JCT College of Engineering and  
Technology**



All registered and presented papers will be published in  
springer Lecture Notes in Networks and Systems

Series Ed.: Kacprzyk, Janusz

ISSN: 2367-3370

Proceedings by

<https://www.springer.com/series/15179>

SCOPUS SOURCE ID: 21100901469

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Id:21100868806)

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