

## *About the Conference*

The 3rd International Conference on Sustainable Communication Networks and Applications [ICSCN 2021] organized on 29-30 July, 2021 by Surya Engineering College (SEC), Erode, India at Erode - Perundurai Highway, Kathirampatti, Mettukadai, Erode, Tamil Nadu 638107. The main objective of ICSCN 2021 is to serve as a confluence point between researchers, academicians and industrialists to present their state-of-the-art research and works in the areas of sustainable communication networks and applications to materialize prodigious benefits in order to meet the global sustainable needs. The extensive goal of ICSCN 2021 is to promote a community-wide discussions identifying the up-to-date technologies and theories for sustainable computing and communication networks to address the emerging challenges and create a sustainable environment, green energy and network models, algorithms, platforms and tools required to facilitate the next-generation sustainable communication and networking infrastructure.

## *About the College*

Surya Engineering College (SEC), Erode is a Self-financing Engineering College instituted in the year 2008 under the auspices of Sri Andavar Educational and Charitable Trust. On the 7th km from Erode in Erode to Perundurai Highway, the amiable and well-developed college campus spreads over a sprawling 20 acres of land. The college has developed excellent facilities and resources such as well-equipped laboratories, well-stacked libraries, dedicated Computer Center, Spacious Class rooms, Seminar Halls and experienced faculty members.

## *Call for Papers*

### **Sustainable Computing and Communication Technologies**

- Sustainable Design Architectures
- Energy and Power Constrained Devices
- Ultra-Low Power Sustainable System Architectures
- Distributed Data Processing Systems
- Network Optimization and Analysis
- Energy Efficient Wireless Communication Systems
- Sustainable Big Data Frameworks
- Sustainable Cloud Computing Architectures
- Energy Efficient Communication Protocols
- Green Data Centres and Sustainable Data Processing Technologies
- Energy Consumption Modeling Techniques
- Network Standardization and Benchmarks
- QoS and Green Computing Architectures
- Sustainable Computing Models, Methodologies and Paradigms
- Energy Efficient Wireless Networks
- Low-Power Communication Technologies
- Sustainable Analytics and Visualization
- Theoretical Aspect of Sustainable Computing and Communications
- Power- and Energy-Aware Scheduling and Resource Allocation

### **Sustainable Networking Technologies**

- Smart Network Modeling and Simulation
- Smart Grids and Networking Technologies

- High Performance Networking Virtualization
- Sustainable Networking Standards and Regulations
- Green Data Centre Networks
- Network Resource Management Techniques
- Sustainable Network Routing Schemes and Concepts
- Sustainable Wireless Networks
- Peer-To-Peer Networks and Overlays
- Sustainable Vehicular Ad-Hoc Networks
- Green, Energy-Efficient and Sustainable Networking Architectures

### **Sustainable Networking and Applications**

- Smart Network Sensing Systems
- Smart Society [Sustainable Models, Design, Frameworks and Strategies]
- Sustainable Vehicle Communication and Buildings
- Sustainable Industrial Automation and Control
- Smart Energy Generation, Transmission and Distribution
- Sustainable Logistics and Supply Chain Management
- Smart Transport Systems and Traffic Management Architectures
- Smart and Sustainable Home, Health Care and Ageing Population Support
- Sustainable Mobility and Vehicle Management
- Smart User-Centred Services And Systems
- Smart Data Analytics Techniques for Smart Cities
- Smart Information System Architecture for Sustainability
- Case Studies and Innovative Applications

## Organizing Committee

### Chief Patrons

**Thiru Andavar A Ramasamy,**

Chairman SAEC Trust,  
Erode, India.

**Ln. K. Kalaiyaran, MJF,**

Secretary & Correspondent,  
Surya Engineering College,  
Erode, India.

### Patron

**Dr. S. Manoharan,**

Principal, Surya Engineering College,  
Erode, India.

### Conference Chair

**Prof. E. Baraneetharan**

Associate Professor & Head,  
Dept. of EEE,  
Surya Engineering College,  
Erode, India.

## Submission Guidelines

Submit the paper to the following email  
[icscn.conf@gmail.com](mailto:icscn.conf@gmail.com)

## Registration Fee Details

### Indian Authors

Authors: INR. 9500 / Paper (fee for 15 pages)  
Listener: INR. 7500

### Foreign Authors

Authors: 150 USD / Paper (fee for 15 pages)  
Listener: 100 USD

## Venue

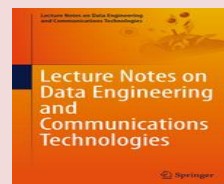
Surya Engineering College,  
Erode - Perundurai Highway,  
Kathirampatti,  
Mettukadai, Erode.  
Tamil Nadu 638107

## Contact

### Prof. E. Baraneetharan

Associate Professor & Head,  
Dept. of EEE,  
Surya Engineering College,  
Erode, India.  
Email id: [icscn.conf@gmail.com](mailto:icscn.conf@gmail.com)  
Mobile: 97896 53809

Conference website: <http://icoscn.com/2021/>



## 3<sup>rd</sup> International Conference on Sustainable Communication Networks and Application ICSCN 2021

On

**29-30 July, 2021**

Organized by

## Surya Engineering College



All registered papers will be published in  
Springer Lecture Notes on Data Engineering and  
Communications Technologies

Series Editor: Xhafa, Fatos

ISSN: 2367-4512

2019 Conference Proceedings Publication:

<https://www.springer.com/in/book/9783030345143>

2020 Conference Proceedings available in  
forthcoming series:

<https://www.springer.com/gp/book/9789811586767>