

## ***ABOUT THE CONFERENCE***

In this modern era of networking and communication technologies, both the things and people are connected with each other via internet. However, the communication, data management and security are emerging as a common research consideration to maintain the communication interoperability and reliability. In recent years, Internet of Things (IoT) is envisioned as a next big revolution in networks and communication by connecting the things to the internet via heterogeneous access networks that are enabled by various technologies such as wireless sensor networks, sensing & actuation, cyber physical systems, real-time web services and so on. This demands for the new research innovations in the emerging communication and networking technologies. In the aforementioned perspective, this International Conference on IoT in Social, Mobile, Analytics and Cloud (ISMAC 2021) aims to showcase the state-of-the-art research advances in the emerging communication architecture, protocols, services and applications.

## ***ABOUT THE COLLEGE***

SCAD Institute of Technology was established in the year 2012 with the vision to train the young enthusiastic engineers to inculcate technical and entrepreneurial training and to bestow the quality education for the betterment of our nation. The college is located at the outskirts of the Coimbatore and Tiruppur city which is called as Palladam and it is easily connected by road, rail and air. Students of SCAD Institute of Technology is given the opportunity to pursue first-rate and advanced technical education regardless of background, gender or financial constraints.

## ***CALL FOR PAPERS***

### **Track 1: Wireless Communication and Automation**

Wireless communication theory and standardization  
Sustainable and energy efficient wireless networks  
Security and privacy of wireless networks  
Cognitive wireless communications  
Future wireless communication services and applications  
5G-and-beyond wireless networks

### **Track 2: Internet of Things [IoT] Technologies**

Data science for Internet of Things [IoT]  
Decentralized and distributed communication infrastructures  
Low-latency and high reliability wireless communications  
Edge and cloud computing for Internet of Things [IoT]  
Internet of connected things and internet of people  
Blockchain for secured IoT infrastructures  
Intelligent Internet of Things  
Social Internet of Things and web intelligence

### **Track 3: Data Science and Engineering**

Network mining technologies  
Intelligent information retrieval techniques  
Big data analytics in IoT infrastructures  
Data driven IoT services and models  
Adaptive data mining algorithms and models

Data mining based edge IoT systems  
Information and data semantics for IoT models  
Data mining for cybersecurity

### **Track 4: Sensors, Circuits, and Systems**

Advances sensors and social sensing technologies  
Sensors and machine vision for automated IoT systems  
Advanced sensing and autonomous sensors fusion  
Smart interface circuits for IoT systems  
Fault diagnosis and interconnected systems  
Artificial Intelligence-driven smart sensing techniques  
Multi-mode sensor fusion techniques  
Embedded sensors for intelligent IoT systems

### **Track 5: Robotics and Automation**

Mobile Internet of Things models and architectures  
IoT based wearable robotics  
Autonomous and networked robotic systems  
Human-machine interaction  
Multimodal robotics and interactivity for intelligent IoT environments  
Mobile platform for autonomous IoT systems  
Performance evaluation methods  
Reliable and fault-tolerant design solutions  
Cloud based IoT and automation models  
Intelligent coordination and control in IoT environments

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Submit full manuscript in PDF and MsWord format to [ismac.conf@gmail.com](mailto:ismac.conf@gmail.com)

## REGISTRATION FEE DETAILS

	Categories	IEEE Members **	Non-IEEE Members
<b>Indian Participants</b>	Students	₹5500	₹6200
	Faculty & Scholars	₹6200	₹6800
	Industry Members	₹6800	₹7500
	Listener	₹3000	₹4000
<b>Foreign Participants</b>	Authors	\$125	\$150
	Listener	\$100	\$150

\*\* - Atleast one of the authors should be an IEEE member

### VENUE

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**Conference website:**

<https://i-smac.org/ismac2021/>



## 5<sup>th</sup> International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2021

On

**11-13, November 2021**

Organized by

**SCAD Institute of Technology**

All registered and presented papers will be submitted for inclusion into IEEE Xplore.

### Previous year publication:

ISMAC 2017 Publication @ IEEE  
<https://ieeexplore.ieee.org/xpl/conhome/8039353/proceeding>

ISMAC 2018 Publication @ IEEE  
<https://ieeexplore.ieee.org/xpl/conhome/8651203/proceeding>

ISMAC 2019 Publication @ IEEE  
<https://ieeexplore.ieee.org/xpl/conhome/9018087/proceeding>

ISMAC 2020 Publication @ IEEE  
<https://ieeexplore.ieee.org/xpl/conhome/9243168/proceeding>