

ABOUT THE CONFERENCE

In this digital era, Internet of Things [IoT], big data and computer networks are dedicated to provide new innovative contributions focused towards the development and deployment of wide range of intelligent and networked information systems. Smart IoT and big data platform allows the networked devices to communicate along with the core values of volume, variety and velocity which in turn leads to the integration of Big data and IoT with advanced machine learning and other advanced techniques. This International Conference on Computer networks, Big Data and IoT [ICCBI 2020] will provide an interdisciplinary platform to bring together scientists, researchers and academicians to present and exchange the ideas of the latest research works and results related to IoT, big data and computer networking topics.

ABOUT THE COLLEGE

A team of people who are willing to work for the social development and who have the passion for the academics have established Vaigai College Engineering (VCE) in 2012. The objective of VCE is to provide a better platform for learning technical education aspiring to bridge the gap between the quality of the technical graduates and the expectation of the industry and hence the world. The objective of "Vaigai College of Engineering" is to provide a better platform for learning technical education aspiring to bridge the gap between the quality of the technical graduates and the expectations of the industries.

CALL FOR PAPER

Data Communication and Computer Networks:

- Network Based Applications
- Network Security
- Next-Generation Web
- Future Computer Networks
- Wireless and Adhoc Networks
- Wireless Multimedia Systems
- Cryptography
- High-Speed Networks
- Mobile Computing
- Mobile Networks and Wireless LAN
- Optical Networking

Internet of Things:

- Big Data Analytics
- Device-to-Device and Networking Technologies
- Sensor Networks
- Cloud Computing
- Crowd-Sourcing and Opportunistic Networks
- Data Analysis and Decision Automation
- Large-Scale Data Management
- Efficient Resource Management Techniques
- Peer-to-Peer/Machine-to-Machine Protocols
- User-Oriented and Context-Aware IoT Devices
- Network Scalability and Robustness
- Modeling and Communication Transparency
- Performance Evaluation Techniques

Wireless Communication:

- Network Localization Techniques
- Wireless Network Estimation and Processing
- Sensor and Ad-hoc Networks
- Network Mobility and Handoff Management
- Mobile and Wireless IP
- Wireless Multicasting and Routing
- Multimedia QoS and Traffic Management
- Network Congestion and Control
- Wireless Network Security and Privacy
- Performance of E2E Network Protocols

Big Data:

- Models and Algorithms
- Big Data Analysis Architectures
- Data Management, Security and Privacy
- Data Mining and Visualization
- Real-time Big Data Analytics
- Big Data in Smart City Models and Applications

Cloud Computing:

- Cloud Infrastructure
- Cloud-as-a-Service
- Cloud Management and Operations
- Cloud Security and Privacy
- Performance, Scalability and Reliability
- Cloud-based Data Analytics
- Software Engineering Practices

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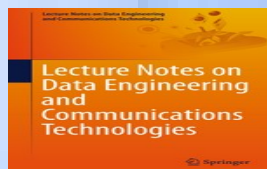
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