



# REVA UNIVERSITY

Bengaluru, India

## 2020 THIRD INTERNATIONAL VIRTUAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTER AND COMMUNICATIONS (ICAIECC 2020)

(IEEE CONFERENCE RECORD# 50550)

ORGANIZED BY SCHOOL OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Date :

11<sup>th</sup> & 12<sup>th</sup> December, 2020

### Conference Theme:

**Fostering Information Technology Through Electronics, Computers and Communications**

### Venue:

REVA University,  
Rukmini Knowledge Park,  
Bengaluru - 560064, India

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### ABOUT THE CONFERENCE

The ICAIECC 2020 presents an open forum for scientists, researchers and engineers to exchange the latest innovations and research advancements in the areas of electronics, computers, communication architectures, protocols and algorithms, content systems, applications and services. The conference will include plenary sessions and invited talks from eminent researchers on the state of the art in related areas. Contributions describing original research and applications are invited. Topics of interest include, but are not limited to, the following areas:

#### Electronics Engineering

- Digital Design, Analog Design and Embedded Systems Design
- Signal Processing
- Biomedical Instrumentation
- Computers Device Mobility
- VLSI Design
- Antenna Engineering
- Computational Electromagnetics
- Photonic/Opto Electronic Structures /Devices
- Nanophotonics
- Consumer Electronics
- Display Technologies
- Media Technologies
- Microprocessor Based Technologies
- Power Electronics/Power Systems
- DSP Architecture
- FPGA Based Systems
- Smart Electronics Systems
- Low Power VLSI Circuits
- Speech Processors
- Mixed Mode VLSI
- VLSI Verification and Testing
- Robotics
- Electronic Applications
- Electronics System Design
- Mechatronics Aerospace Electronics
- Avionics Home/Office Automation

#### Computer Engineering

- Cluster, Cloud and Grid Computing
- Heterogeneous Computing
- Content Distribution Networks
- Distributed Multimedia Systems
- Multimedia Applications
- Web and Gaming Applications
- Storage Area Networks
- Performance Modeling and Computing Systems
- Computer Architecture
- Interface architecture
- Parallel and Distributed Algorithms
- Smart Grids, Data Centres
- Big Data Analytics
- Green Technologies
- Computational Intelligence & Applications
- Software Engineering
- Bioinformatics and Scientific Computing
- Computer Graphics & Virtual Reality
- Data Compression and Encryption
- Cryptography and Secured Systems
- Data Mining
- Artificial Intelligence and Expert Systems
- Digital Image Processing
- Information Retrieval and Management
- Digital Rights Management
- Biomedical Signal & Image Processing
- Pattern Recognition

#### Communication Engineering

- Cognitive Radio
- Delay Tolerance Networks
- Communication Networks
- Home LAN, Body and Personal Area Networks
- Internet of Things
- LTE/LTE – A
- Mobility Management
- Medium Access Control
- Modulation and Coding
- Multimedia Networks
- Network Architectures and Middleware
- Network Coding, Fault - Management, Reliability
- QoS in Networks
- Network Pricing and Billing
- Network Security, Monitoring and Protection
- Networking in Military and Space Applications
- Next Generation Networks
- Optical and Photonic Networks
- Peer to Peer and Overlay Networking
- Resource and Service Discovery Technologies
- Scheduling and Resource Management
- Smart Grid Domains
- Tools and Techniques for Network Simulation and Performance Measurement
- Traffic Engineering and Management
- Ad hoc, Mesh and Sensor Networks
- Error Control Coding
- Spread Spectrum Communication
- OFDM and MIMO
- Antenna, Filters, Waveguides
- Computational Electromagnetics

### NOTE

- Awards will be given to the best paper at the conference
- Registration Fees is excluding GST
- Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A & I) databases

### PAPER SUBMISSION DEADLINE (EXTENDED)

## 25<sup>th</sup> September, 2020

## ~~10<sup>th</sup> September, 2020~~

### Conference Email ID:

icaecc@reva.edu.in

### For any queries please contact:

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### PAPER SUBMISSION

Conference Website Link: <https://reva.edu.in/icaecc-2020>

Paper Submission Easy Chair Link: <https://easychair.org/cfp/icaecc-2020>

### IMPORTANT DATES

First Call of paper	: 19 <sup>th</sup> April, 2020
Paper Submission Deadline (Extended)	: 25 <sup>th</sup> September, 2020
Early Submission-1 Deadline (15% Discount)	: 10 <sup>th</sup> August, 2020
Early Submission-2 Deadline (10% Discount)	: 20 <sup>th</sup> August, 2020
Early Submission-3 Deadline (5% Discount)	: 30 <sup>th</sup> August, 2020

Notification of Acceptance : Phase -1: Aug-10, 2020  
(For the Papers received till 27<sup>th</sup> July, 2020)  
Phase -2: Oct-10, 2020 (For the Papers received from 27<sup>th</sup> July, 2020 to 25<sup>th</sup> September, 2020)

Registration & Uploading Camera  
Ready Paper Deadline: Oct-20, 2020