



## 2018 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAIECC 2018)

**Date :**  
09<sup>th</sup> -10<sup>th</sup> February 2018

**Conference Theme:**  
Fostering Information Technology  
Through Electronics, Computers  
and Communications

**Venue:**  
REVA University,  
Rukmini Knowledge Park,  
Bengaluru - 560064, India

### CHIEF PATRON

**Dr. P. Shyama Raju**  
Hon'ble Chancellor  
REVA University

### HONORARY CHAIRS

**Dr. Jaume Anguera**,  
Associate Professor, Universitat Ramon Llull, Barcelona, Spain  
**Dr. B. S. Sonde**, Advisor, IIIT Dharwad  
**Dr. D. C. Pande**, Former Associate Director, LRDE  
**Dr. Surendra Pal**, Vice Chancellor, DIAT, Pune  
**Dr. G. Ramesh**, Chairman, IETE Bangalore Center

### OVERSIGHT COMMITTEE

**Dr. S. Y. Kulkarni**, Vice-Chancellor, REVA University  
**Dr. N. Dhanamjaya**, Registrar, REVA University  
**Dr. N. Ramesh**, Dean, Placement, Training and Planning, REVA University  
**Dr. B. P. Divakar**, Dean Research & Innovation, REVA University  
**Dr. Sunil Kumar Manvi**, Director, C&IT, REVA University  
**Dr. Rajashekhar Mandi**, Director, EEE, REVA University

### GENERAL CHAIRS

**Dr. R. C. Biradar**, Director, School of ECE, REVA University, General Chair  
**Dr. R. Venkata Siva Reddy**,  
Professor, School of ECE, REVA University, Co-Chair

### ADVISORY CHAIRS

**Dr. Madria Sanjay Kumar**, Missouri University of Sc. and Tech., USA  
**Dr. Sreedevi Ravana**, University of Malaya, Malaysia  
**Dr. Pascal Lorenz**, University of Haute Alsace, France  
**Dr. Lawrence Jenkins**, IISc, India  
**Dr. Ratna**, IISc, India  
**Dr. P. Nagabhushan**, IIIT Allahabad, India  
**Dr. Harigovindan V.P.**, NIT Puducherry

### TECHNICAL PROGRAM CHAIRS

**Dr. Aurora Andujar**, R&D Engineer at Fractus, Barcelona, Spain  
**Dr. Jaime Lloret Mauri**, Polytechnic University of Valencia, Spain  
**Dr. Joel J. P. C. Rodrigues**, University of Beira Interior, Covilhã, Portugal  
**Dr. Debabrata Das**, IITB, India (IEEE Bangalore Section)  
**Dr. T. Srinivas**, IISc, India  
**Dr. Navin Kumar**, Amrita Vishwa Vidyapeetham (IEEE COMSOC), India  
**Prof. P. V. Ananda Mohan**, IEEE CAS Bangalore Chapter  
**Dr. Neeraj Kumar**, Thapar University, India  
**Dr. Ravi Maddila**, MNIT, Allahabad, India  
**Dr. Sanjay Dhar Roy**, NIT, Durgapur, India  
**Dr. Andrews Samraj**, VIT, Vellore, India  
**Dr. Neetu Sood**, NITJ, India  
**Dr. P.C. Siddalingaswamy**, MIT, Manipal University, India  
**Dr. Krupa Rasane**, Jain College of Engineering, Belgaum, India  
**Dr. Bharathi S. H.**, Professor, REVA University, India  
**Dr. Mrinal Sarvagya**, REVA University, India

### PUBLICATION CHAIRS

**Dr. Geetha D.**, REVA University, India  
**Dr. G. Seshikala**, REVA University, India  
**Dr. Manjunath Kounte**, REVA University, India

### LOCAL ORGANIZING CHAIRS

**Dr. P. I. Basarkod**, REVA University, India  
**Dr. Riyaz Ahmed**, REVA University, India  
**Dr. Veena**, REVA University, India  
**Dr. Manjula R. B.**, REVA University, India

### ORGANIZING CHAIRS

**Prof. Tanweer**, REVA University, India  
**Prof. Shrikanth S. Tangade**, REVA University, India

### ABOUT THE CONFERENCE

The 2018 Second International Conference on Advances in Electronics, Computers and Communications (ICAIECC 2018) will be held at REVA University, Bangalore, India. The conference presents an open forum for scientists, researchers and engineers to exchange the latest innovations and research advancements in the areas of next-generation 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, surveys 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
- Nano Technology and MEMS
- Nanoelectronics/Devices
- 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
- AvionicsHome/Office Automation
- Pattern Recognition

#### 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

#### 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

### AIMS AND SCOPE OF THE CONFERENCE

- The Conference serves as a major international forum for presenting and sharing recent accomplishments and technological developments in the field of Advances in Electronics, Computers and Communications.
- It Involves participants (researches, developers and users) from academics, industries and research laboratories coming together to discuss recent advances and trends.
- Awards will be given to the best paper at the conference.

Conference content will be submitted for inclusion into IEEEExplore as well as other Abstracting and Indexing (A & I) databases

### REGISTRATION DETAILS

|                               | For Authors | For Non - Authors |
|-------------------------------|-------------|-------------------|
| IEEE Members                  | INR 7000    | INR 3500          |
| Non - IEEE Members            | INR 8000    | INR 4000          |
| International IEEE Members    | USD 300     | USD 150           |
| InternationalNon IEEE Members | USD 350     | USD 200           |
| IEEE Student Members          | INR 5500    | INR 2000          |
| Non-IEEE Student Member       | INR 6500    | INR 2500          |

#### Contact Details

Prof. Tanweer 9611863601 Prof. Shrikant S. Tangade 9980550354

URL: <http://www.reva.edu.in/icaecc2018/>

### IMPORTANT DATE

|                                      |  |
|--------------------------------------|--|
| First Call of Paper                  | 21 <sup>st</sup> September 2017                  |
| Submission Deadline                  | 5 <sup>th</sup> December 2017                    |
| Notification of Acceptance of Papers | 15 <sup>th</sup> January 2018                    |
| Camera Ready Paper Submission        | 25 <sup>th</sup> - 30 <sup>th</sup> January 2018 |
| Author Registration                  | 20 <sup>th</sup> - 30 <sup>th</sup> January 2018 |