

# 10<sup>TH</sup> INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING & COMMUNICATIONS

(ICACC 2021)  
2021 October 21-23

Venue: Rajagiri School of Engineering & Technology (Autonomous), Kochi, India

[www.acc-rajagiri.org](http://www.acc-rajagiri.org)



## 10<sup>th</sup> ICACC

It is with great pleasure that Rajagiri School of Engineering & Technology (Autonomous), Kochi, India is announcing its flagship international conference - International Conference on Advances in Computing and Communications 2021 (ICACC-2021) on October 21-23, 2021 at our campus.

ICACC 2021 is a multidisciplinary event which covers a wide spectrum of related concepts drawn from the various disciplines of Engineering & Technology. The conference provides a knowledge-building and experience-sharing platform for professionals from the industry, academia and research organizations. The conference has been conducted in the previous years with a strict review process in consideration with the motto of RSET - "Learn, Serve, Excel". All technical papers are reviewed by a panel of national and international experts.

## Conference Theme

The theme chosen by ICACC-2021 for this year's conference is "Innovative computational methods", "Informatics in AI, Robotics and Automation" and "Emerging trends in renewable energy".

The conference has been conducted in the previous years with - a strict review process in consideration with the motto of RSET-"Learn, Serve, Excel". All its technical papers are reviewed by a panel of national and international experts with an average acceptance rate - 20%. In addition we have workshops relevant to the industry & academia, and well known speakers for the plenary and invited sessions during the conference.

## Call for Papers

We, at ICACC, initiate a call for research papers in all areas of science, engineering and technology. We welcome high quality work that focuses on research, development and application in your original research or survey papers, case studies and academic or scholarly articles. Extended versions of previously published papers in conferences, scholarly journals or academic peer reviewed international journals are also solicited.

Authors can submit technical papers describing original, previously unpublished results in all areas of theory and practice of Computing, Communication and Information Technologies through Easy chair Conference Management System.

(<https://easychair.org/conferences/?conf=icacc2021>).

All the accepted papers will be considered for publication in IEEE Xplore and qualified papers will be submitted to Springer (Scopus).

## Conference Committees

### Patron

Rev. Dr. Jose Kuriedath CMI, Director, RSET,India

### General Chairs

Dr. P.S. Sreejith, Principal, RSET

Dong-Hwan Park

Gyeongbuk Hybrid Technology Institute, KOREA

Dr. Peter Strazdins, Australian National University, Australia.

Dr. A. Unnikrishnan, Rtd. Associate Director,

Naval Physical & Oceanographic Laboratory (NPOL), Kochi

Rev. Dr. Jaison Paul Mulerickal CMI, Vice Principal, RSET, India

Dr. Poullose Jacob K., Dean Research, RSET,India

### Publication Chair

Dr. Sherly K.K ,RSET,India (coordinator)

Dr. Sabna N,RSET,India

Dr. Elizabeth Rita Samuel,RSET,India

Dr. Jisha G ,RSET,India

### Track chairs

Dr. Sminu Izudheen ,RSET,India

Dr. Saritha S ,RSET,India

Dr. Lakshmi K S ,RSET,India

Dr. Abraham Thomas,RSET,India

Dr. Unnikrishnan P C ,RSET,India

Dr. Rithu James ,RSET,India

### TPC Chair

Dr. Vinod Kumar P B, RSET, India.

Dr. Varghese Paul, RSET, India.

Dr. Jobin K Antony, RSET, India.

### Organizing Chairs

Dr. Neeba E A, Associate Professor, RSET, India

Dr. Dhanya P M, Associate Professor, RSET, India

## Important Dates

Call for Paper Notification February 5, 2021

Paper submission deadline: ~~June 4, 2021~~ **July 10, 2021**

Accepted paper notification: August 16, 2021

Camera ready submission deadline: August 31, 2021

Paper registration deadline: September 10, 2021

Conference dates: October 21-23, 2021

## Registration Fees

Registration Type	Regular Registration	IEEE Members	Non-IEEE Members
Regular Author	Indian Author	₹.7500	₹.8000
	Foreign Author	\$ 250	\$ 300
	Foreign Delegates	\$ 200	\$ 300
Student Author	Indian Author	₹.6500	₹.7000
	Foreign Author	\$ 200	\$ 300
	Foreign Delegates	\$ 100	\$ 200
Participants	₹.2000		
Delegates from Industry	₹.10000		

## Conference Tracks

### Informatics in AI & ML

Bioinformatics and Bio-computing  
Health Informatics  
Smart homes & cities & the Internet of Things  
Deep learning and neural learning  
Evolutionary learning and nature inspired learning  
Reinforcement learning and on-line learning  
Metric learning and kernel learning  
Relation learning and graphs  
Sparse learning  
Natural language processing  
Computer vision  
Biomedical Information

### Robotics and Automation

Intelligent Robotics and Control  
Agents and Multi-agent Systems  
Robotics and virtual reality systems  
Collaborative Robots  
Automated guided vehicles  
Industrial automation and Robotics in Manufacturing Industry 4.0

### Computational Methods

Internet of Things  
Cloud Computing  
Cluster Computing  
Distributed Computing  
High Performance Computing  
Soft Computing  
Grid Computing  
Edge and Fog Computing  
Autonomic and Trusted Computing

### Quantum Computing

Quantum information science  
Quantum annealing  
Quantum cryptography  
Adiabatic quantum computation  
Quantum search algorithms

### Data Analytics

Scalable data analytics  
Big data analytics and Metrics  
Deep data analytics  
High-performance data analytics  
Predictive analytics  
Semantics analytics  
Sentiment/opinion analysis  
Cyber-threats analytics  
Big Data and social networks  
Statistical applications

### Systems and Security

Operating systems and Compilers  
Computer architecture  
Block Chain & Cryptocurrency  
Cryptography  
Information security  
Cyber Security  
Digital Rights Management  
IoT Security  
Wireless Security

### Smart Communication

Coding Techniques  
Multi Carrier Modulation  
MIMO & UWB Systems  
Channel Estimation and detection  
Next generation networks  
Ad hoc and wireless networks  
Sensor networks  
Machine-to-machine communications  
Internet of things  
Autonomic networks  
Software Defined Networks

### VLSI and Embedded systems

Reconfigurable systems  
Analog/Digital/Mixed-signal Circuits  
VLSI for DSP, Biomedical Applications  
Real time Operating Systems  
Embedded system designs  
ASIC & SOC  
CAD for VLSI  
MEMS/NEMS

### Electromagnetics Engineering

EMI & EMC Techniques  
Antenna Systems  
RF Circuit Design  
Spectrum Management  
Cognitive Radio Design  
Millimetre Wave Technology  
Satellite Technology

### Intelligent Electrical Systems

Computational intelligence for Electric machines and drives  
Smart power systems  
Intelligent transport system  
Intelligent control systems and optimization  
System modelling and control

**RAJAGIRI**  
SCHOOL OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)

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