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Respected Principal / Dean / TEQIP Coordinator

Department of ECE, Government College of Engineering, Salem is organizing an International Conference during March 2017. Please circulate the **ICARENS 2017 – Call for Papers** among all the faculty members / research scholars / PG students and motivate them to submit the papers (research paper, case study paper or survey paper) to ICARENS-2017 conference.

ICARENS-2017 is organized by Department of Electronics and Communication Engineering, of Government College of Engineering, Salem, India and is sponsored by TEQIP Program.

Best papers will be forwarded for consideration in a special issue of a journal. We solicit both academic, research, and industrial contributions. We welcome technical papers presenting research and practical results, position papers addressing the pros and cons of specific proposals, survey papers addressing the key problems and solutions on any of the following topics and short papers on work in progress.

The topics suggested by the conference can be discussed in term of concepts, state of the art, research, standards, implementations, running experiments, applications, and industrial case studies. Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal in the following, **but not limited** to, topic areas.

All topics and submission formats are open to both research and industry contributions. **Track Details are in next page.**

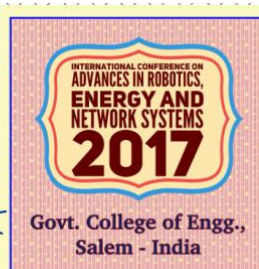
Paper submission: Potential authors are invited to submit their original, unpublished works to ICARENS 2017. Please avoid submission of papers that are already published or under consideration for publication elsewhere. The submission Web page for ICARENS 2017 is <https://easychair.org/conferences/?conf=icarens2017>.

General guidelines: All papers must conform to standard IEEE format and must be submitted as Ms. Word file or PDF file format between 4 to 6 pages including text, figures, tables and references. Please note that the standard total maximum pages of each paper are 6. The official language is English (Please make sure proof-reading of English language is conducted).

Key dates:

Call for papers:	November 4, 2016.
Submission of Full Paper:	January 4, 2017.
Paper Acceptance:	January 30, 2017.
Final paper submission:	February 10, 2017.
Conference date:	March 7-10, 2017.

TEQIP Sponsored Program



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Track 1 Communication and Networks

Optical Communication, Satellite Communication, Signal Processing, Steganography/Cryptography, Software Defined Radio, Wireless Networks, Communication Protocol and Architecture, High-speed Communication and Network, Wireless Communication and Network, Multimedia Communication and System, Mobile Ad-hoc and Sensor Network, Low-power Network and System Network, Wearable Network and System, Quality of Services (QoS), Network Control and Management, Network Performance Analysis and Evaluation, Internet of Things, Distributed Database and Data Mining, Distributed Graphics and VR/AR/MR System, Grid Cluster and Internet Computing, WWW, Semantic Web and Cyber World, Ubiquitous/Pervasive Networks and Computing, Ubiquitous Intelligence and Smart World, Innovative Networking and Applications, Biological Informatics and Computing, E-Learning, E-Commerce and E-Society, MIMO systems, Software Defined Radio.

Track 2 Embedded Systems and VLSI

VLSI design and Fabrication, FPGA and Reconfigurable Architecture based system, High Performance VLSI systems, Intelligent Transport systems, Low power signal processing, System on Chips and Network on Chips, Brain Computer Interfacing, Human Computer Interfacing, Flexible Electronics, Fault Tolerant survivable system, Intelligent Instrumentation, MEMS / NEMS Devices

Track 3 Robotics, Sensors and Actuators

Robotics and Automation, Evolutionary Robotics, Humanoid Robotics, Entertainment Robotics, Rehabilitation Robotics, Medical Robotics, Search & Rescue Robotics, Biological Inspired Robotics, Micro/Nano Robotics, Underwater Robotics, Service Robotics, Industrial Robotics, Mobile Robotics, Space Robotics, Control and Intelligent Systems, Education Robotics, Sensors and Sensors Fusion, Sensor Data Processing, Distributed Computing in Sensor System, Imaging, Signal Processing, Pattern Recognition and Applications, Vision, recognition and reconstruction, Smart Sensor System in Robotics, Brain Machine Interface, Actuators, Artificial Intelligent, Virtual Reality, Mechatronics Systems, Automation Systems, Optical Sensors, Human-Robot Interaction, Intelligent Systems & Algorithm, Machine Learning, Advanced Computation, Assistive Robotics & Instrumentations, Mechatronics in Prosthetics, Artificial Human Exoskeletons, Sensing system for Medical & Rehabilitation, Neural-Machine Interface & Control and Bio mechatronics,

Track 4 Energy Systems

Energy and Environments such as Energy Management and control system, Energy distribution, storage and recovery, Alternative and green energy, Waste Management, water networking and Technology, sensors Technologies, intelligence micro-grids, HVDC/HVAC Generation and Transmission, Hybrid Electric Vehicles, Artificial Intelligence for Power Engineering, Advanced Power Semiconductor Devices, Power Quality, Grid connected Renewable Energy Systems, Microgrid/Smartgrid, Power line Communication, Reconfigurable Distributed Energy Systems, Energy Storage Systems, Power Converter & Drives, Power System Protection. PLC & SCADA based Automation.

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