

ICICT 2014 - International Conference on Information and Communication Technologies, 3-5 December 2014, Kochi

(Under TEQIP Phase II)

ICICT, the International Conference on Information and Communication Technologies is a major interdisciplinary international conference, providing a forum for researchers, engineers, practitioners and educators to meet present and discuss the most recent research results, innovations, trends, experiences and concerns in the field of Information and Communication Technologies and its applications in the real world. ICICT 2014 attracts authors from different countries and this year's event will be held in Kochi, India, during 3-5 December 2014. ICICT 2014 is organized by School of Engineering, Cochin University of Science and Technology (CUSAT), India, with the support from **TEQIP Phase II**.

For More Details, visit conference website: <http://icict.cusat.ac.in>

CONFERENCE TOPICS

A. Intelligent Methods and Applications :Decision Support Systems, Fuzzy systems and applications, Knowledge representation techniques , Artificial Neural Networks, Evolutionary algorithms, Genetic algorithms, Support Vector Machines, Rough sets, statistical methods and soft computing techniques, Autonomous Agents , Human-Machine Interfaces , Natural Language Processing, Image Processing, Signal, Speech and Video processing, Wearable Computing, Bio-informatics and Biochips.

B. Internet Based Systems:Information retrieval and Search Engines, Database systems, Ontology, XML data, Data mining, Clustering, Cloud based systems, Big Data Analytics, Hadoop and Map Reduce techniques, Social media and networks, e-learning, e-commerce, e-business, e-finance, Key management and trust establishment, network and data security, Internet of Things.

C. Software Engineering:Autonomic Requirements engineering, Software Design, Reuse, Evolution, Maintenance, Automated software Testing, Cloud/Service-oriented architectures, Mobile architectures, Reengineering and reverse engineering, Software metrics, Program comprehension , Model-driven software engineering, Advanced Software design techniques, Distributed, web-based and internet-scale SE.

D. Innovative Networking and Communication Techniques:Cognitive networking , Protocol design, including cross-layer and opportunistic approaches., Delay tolerant networks, Routing Mobility management and seamless internetworking, Wireless and Ad-hoc networks, Networked smartphone applications, Mobile/digital communication, Antennas and Microwave, Optical Communication, Power-aware architectures, algorithms, and protocols design, QoS and Resource management, Reliability, resiliency and fault tolerance techniques, Vehicular networks, Coexistence of heterogeneous wireless networks.

E.Devices & Systems:Analog, Digital and Mixed Circuit Design, VLSI, Application Specific Architectures, Embedded and Reconfigurable Systems, Advanced Computer Architectures, DSP architectures, MEMS and Nano-Electronic Devices, Sensors and Applications, Industrial Automation and Robotics, e-waste and Green Manufacturing, Industrial Applications, Technology and Industrial Management.

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