



**International Conference on
Advances in Control and Computing of Analog and Digital Systems
(SUSTAINABLE SYSTEM OPERATION UNDER STRINGENT OPERATING NORMS)
(ACCADS 2014)**

**29 – 31, December 2014
<http://www.accads2014.in>**

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Department of Electrical & Electronics Engineering
Coimbatore Institute of Technology, Coimbatore, India.

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For details:

Please visit <http://www.accads2014.in>

Email: info@accads2014.in

Venue: Coimbatore Institute of Technology,
Coimbatore, India

CALL FOR PAPERS

International conference on Advances in Control and Computing of Analog and Digital Systems (ACCADS 2014) will be held in Coimbatore Institute of Technology, Coimbatore, India from 29th to 31st December 2014. The conference is organized by the Department of Electrical and Electronics Engineering. ACCADS 2014 focuses on both theory and applications mainly covering the topics, control and computing of analog and digital systems. In addition to the technical sessions, there will be keynote addresses, invited sessions and plenary panel discussions. The best papers selected in the Conference by the Conference Judges/Reviewers will be recommended for possible publication in the following journals.

1. **International Review on Modelling and Simulations (IREMOS)**
2. **ICT Academy of Tamilnadu (ICTACT)**

The topics of interest include, but are not limited to:

Analogue and Digital System Design: Analog/Digital Control of Engineering Systems, Analog and Digital Filtering Techniques, Consumer Electronics, Wireless Sensor Network, Mobile Computing, Image Processing, Signal Processing, Component Based Software System.

Advanced Control Techniques: Stochastic Control, Model Reduction Techniques, Control Strategies, Continuous and Discrete-Time Periodic Controllers, Networked Control Systems, Mathematical Control Theory, Adaptive Control, Robust Control, Nonlinear Systems and Control, Optimal Control, Linear Systems.

Real Time Analog and Digital Technology: Single Chip Implementation Techniques of Control Algorithms, Digital Redesign, Robotics, Sensor Networks, Analog/Digital State/Parameter Estimation Techniques, Control Methods for Energy Efficient Systems

System Identification, Fault Diagnosis and Control: Advanced Fault Tolerant Control, Air Traffic Control, Identification and Estimation of Nonlinear Systems, Control Loop Performance Assessment, Model Predictive Control, Discrete Event Systems.

Intelligent Control Techniques: Intelligent and AI Based Control, Intelligent Systems, Intelligent Control, Grid Computing, Neural Networks, Fuzzy Logic, Genetic Algorithms and Evolutionary Computing, Soft Computing Applications in Engineering System

Bio-inspired Computing/Processing: Agent Based Systems, Complex Systems, Co-operative Control, Control of Biological Systems, Modeling of Complex Systems, Biomedical Electronics, Bio-Inspired Computing

Process Systems and Control: Process Control and Instrumentation, Autonomous Systems, Delay Systems, Distributed Parameter Systems, Markov Process, Hybrid Systems, Sensor Network Systems, Tuning of Controllers, Precision Motion Control, Integrated Manufacturing Control, Modeling and Automation Process

Computational Techniques: High Performance Computing, Autonomic Computing, Nano Computing, Meta Computing, Computer Modeling, Computer Networks, Information Systems, Embedded Systems, Computational Intelligence, Automated Software Engineering, Symbolic Computing, Cloud Computing, Pattern Reorganization, Parallel and Distributed Computing, Computational Optimization.

Paper Submission: All papers must be submitted through the conference submission website <http://www.accads2014.in>. Paper must be submitted in English. Upon acceptance the authors will be required to register and present their papers.

Best Paper Award: The best paper award will be chosen by the organizing committee in consultation with advisory committee based on both presentation and technical content of the paper.

Important Dates

Paper Submissions site opens	15	August	2014
Deadline for submission of full papers	01	October	2014
Notification of acceptance / rejection	24	October	2014
Online Registration opens	27	October	2014
Deadline for camera ready paper submissions	20	November	2014
Deadline for Authors' registration	15	December	2014

