



# International Conference

## Systemics, Cybernetics and Informatics (ICSCI - 2009)

### January 07 - 10, 2009

**Venue:** Dr. MCR HRD Institute, Government of Andhra Pradesh, India  
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#### SYSTEMICS

Paper ID No.	Title of the Paper	Authors
CS-1.1	Reliability Analysis Of Electric Utility SCADA System	Deepak P. Kadam Dhote V. P Khule S. S
CS-1.2	Power Flow Control And Power Flow Studies For Systems With FACTS Devices	Deepak P. Kadam Dhote V. P Khule S. S M. V. Bhalerao
CS-1.3	Microcontroller Based Three Phase Motor Protection	Ajit Sonawane Arti Ingle Abhijeet Deshmukh
CS-1.4	Simulation And Animation of Power Electronic Systems and Drives	Sanjay B. Dabadgaonkar A. K. Sen R. A. Mishra
CS-1.5	Design Process Of High Speed Microcontroller Using Vhdl	Darshankumar C. Dalwadi Mefuza Holia Tejas Bhagwat
CS-1.6	A Real Time Embedded System: Roadway Traffic Management Security System	Vaibhav Gaikwad Arjun Khandelwal Abhinav Sharma Ujwalla Gawande Arpit Jain
CS-1.7	Vehicle Monitoring And Number Plate Catching System	Akshay Modak Ujjwala Gawande Pratyush Urade Prakash Shende
CS-2.1	Anti-Submarine / Ship Warfare (ASW): Tactical Assessment and Statistical System Analysis	E. Ravi Kumar S. Koteswara Rao R. Naraiah
CS-2.2	Reconfigurable Coprocessor For Communication Systems	V. Venkat Rao
CS-2.3	A Microprocessor-based Stream Cipher through Stream Addition Technique (SAT)	Rajdeep Chakraborty J. K. Mandal R. Avudaiammal
CS-2.4	A Novel Scheduling Algorithm In Network Processor Based Router To Enhance Multimedia Services	R. SivaSubramanian R. Pandian P. Seethalakshmi Indumathi T. S.
CS-2.5	Efficient ROADM Using Fiber Bragg Grating In Dynamic Optical Networks	T. Srinivas B. Sivakumar V. Elamaran
CS-2.6	A Novel High Speed Compressor Design With Minimum Stage Delay	S. K. Fairouz H. Mangalam K. Gunavathi
CS-2.7	A Low Power Circuitry For Testing Data Retention Faults In SRAM Cell	M. Rajendra Prasad Md. Rehman
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CS-3.3	Low Power, High Speed 16 – Bit MUX Based Adder Design	N. Ravi T. Jayachandra Prasad T. Subba Rao
CS-3.4	Computational Analysis of Torsional Vibration of IC Engines Through Mathematical Modeling	N.K. Joshi Pravin Kulkarni Gupta

CS-3.5	Wireless Charging	B.G.Gawalwad Bhagwat Mahesh Satpute Amol Inamdar Tejas Sanjay Dubey
CS-3.6	Design And Implementation Of A Decoder For LDPC Codes In Wireless Applications	M. J. C. Prasad Chinnaiah Ch. Sreenivasa Rao
CS-3.7	Teleportation	Ajagar I. Pathan Dheeraj B. Shukla V. Nath
CS-3.8	Design Of CMOS Signal Conditioning Circuit For MEMS Sensors In VLSI	L. K. Singh K. S. Yadav

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CC-1.2	Cursive Handwriting Recognition: Using Fusion Of Segmentation Strategies And Elastic Matching	Sudarshan Muktibodh Pradeep Shetty Chinmay Godbole R. J. Ramteke
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CC-1.4	Efficient Matrix Structural Analysis Approaches For The Recognition Of Segmented Printed Malayalam Characters	Bindu Philip R. D. Sudhaker Samuel B. M. Sagar
CC-1.5	Post Processing Activity For The Kannada Optical Character Recognition	Shobha G Ramakanth Kumar P M. C. Padma
CC-1.6	Use Of Top And Bottom Profile Features For Language Identification Of Kannada, Hindi And English Documents	P. A. Vijaya P. Nagabhushan
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CC-7.5	A New Approach To Cryptography	Satyendra Nath Mandal J. Pal Choudhury J. K. Mandal Srinivas. M
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CI-1.6	Automatic Detection Of Follicles In Ultrasound Images Of Ovaries By Watershed Segmentation	P. S. Hiremath Jyothi R. Tegnoor A. Shaik Abdul Khadir
CI-1.7	A Comparison Of Region-Based Image Segmentation Methods	Sk. Nayab Rasool A. Haja Abdul Khader
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CI-2.7	Texture Based Identification And Classification Of Bulk Sugary Food Objects	Vishwanath Burkballi Roopanjali Daddi T. V. P. Sundararajan
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CI-3.3	Wireless LAN: Security Threats, Issues And Best Practices	Ashish Raj Sharma Jhanak Parajuli Jigisha N Patel
CI-3.4	Adaptive Clustered Load Balancing Algorithm For Cellular Networks	K. Saruladha J. Jayabharathy K. Laxmiah
CI-3.5	Wireless Mobile Online Applications Using Frame Work	V. Venkata Rao A. Ranganayakulu MD. Zia Ul Rehman
CI-3.6	Qos In Wireless Sensor Networks – Survey	V. Vanitha D. Palanivel Rajan

CI-3.7	“Zigbee-The Sensor Network”	Sachin Gulabrao Bagul Vijay Ramesh Kapure Abhijeet Vitthal Paricharak Mrs. R. A. Walunj Veluru Rajappa
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CI-4.7	Issues Related To Routing And Security In Mobile Ad Hoc Networks	K.Suresh Babu B.Sasidhar M.Ramakanth Reddy Jayshree Vajpai
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CI-5.4	Evaluating Wavelength Routing Capability And Blocking Analysis Of Dynamic ROADM Networks (Cat-I) For Dynamic Traffic	Indumathi T. S T. Srinivas Sivakumar B
CI-5.5	The Design Of Mobile Agent Based Intelligent System For Autonomic Network Management	Naveen Kumar Gondhi
CI-5.6	Connecting Infrastructure & Adhoc Network Using A Single Wireless Card	Hashim K M Md Luqman Junaid Ahmed D. Sharmila R. Neelaveni Arunkumar D Manojkumar S Arunkumar J Maruthupandian K Y. Mallikarjuna Reddy
CI-5.7	Energy Efficient Bluetooth Networks In Home Appliances	S. R. K. Paramahamsa I. A. Pasha M. Renu Babu S. China Venkateswarlu K. V. Murali Mohan D. Ravi Kumar B. Prabhakara Rao Ch Pradeep Reddy D. Srinivasulu V. Sucharita Venkateswara Rao Ch. Pradeep Reddy B. Gopalakrishnan T. V. P. Sundararajan A. Shanmugam M. Sunil Kumar A. Rama Mohan Reddy A. V. Sriharsha K. Delhi Babu A. Das C. R. Sahu P. Pradhan Biswarup Neogi
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CI-7.7	Radar Target Detection Using Linear Discrete Time Frequency Modulation (LDTFM)	G. ManmadhaRao A. Anand Kumar K. Srihari Rao K.Raja Rajeswari
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CI-8.5	Energy Simulation Of Sensor Nodes In Wireless Sensor Networks Using Finite Automata	Animesh R. Tayal N.V. Choudhary Madhuri A. Tayal
CI-8.6	A Robust Speech Recognition Using Modified MFCC Approach	Ibrahim Patel Ashok Shigli Y. Srinivas Rao
CI-8.7	Comparison Of Sidelobe Reduction Using LMS And RLS Algorithms For Pulse Compression Radar	J. B. Seventline D. Elizabeth Rani K. Raja Rajeswari
CI-9.1	A Soil Management System Of Tea Garden Using Gis Based Database Management System (GISSMS)	P. Halder J. K. Mandal S. Mal
CI-9.2	E-Readiness: A Next Generation Survival Tool For India	L. Pradhan B. B. Mohapatra A. K. Panda
CI-9.3	Spatial Pattern Analysis For Colleges In Madurai	R. Parivallal K. Prakash A. K Santra
CI-9.4	Scalable Approach For CPU Scheduling In Real-Time Database System	Sadanand S Patil Gajendra R Bamnote
CI-9.5	Buffer Management In Real Time Active Database: An Overview	Pranjal Gampawar S.R. Gupta
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CI-10.1	3-D Reconstruction of Urban scenes in Aerial Imagery	G. Ramesh Chandra V. Dhana Lakshmi E. G. Rajan
CI-10.2	A Review Of Spatial Domain Image Denoising Techniques	B. Chinna Rao M. Madhavi Latha C. Hemasundar Rao K. Raju

CI-10.3	Complex Wavelet Based Regularized Deconvolution For Medical Imaging	B. Chinna Rao M. Madhivi Latha M. Venugopala Rao K. Raju
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CI-10.6	Soft Technique For Dynamic Modeling Of The Settlement Growth	G. P Hegde I V Murali Krishna M Seetha B. L Malleswari
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CI-11.2	Exploring The Information Technology Enabled Services (ITES) Domain: A Manuscript To Guide Fresh Graduates In Business Administration And Computer Applications Streams And Entrepreneurs To Discover The Prospects In Back-Office Operations	Kiran Kancherla A. Vinaya Babu
CI-11.3	A Set Based Intrusion Detection System in Mobile Ad Hoc Network	T. V. P. Sundararajan R. K. Negesh A. Shanmugam

**SPECIAL SESSION**

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SP-1.2	Weil Restriction And Generalized Discrete Logarithm Problem	M. Thiyagarajan B. Parthasarathy K. Srinivasa Rao
SP-1.3	Exploring Pre A*- Algebras As A New Paradigm	T. Nageswara Rao R. V. N. SrinivasaRao
SP-1.4	An Improvised Clustering Algorithm Based On J-Points Located Farthest From Each Other	Terence Johnson
SP-1.5	Foundations of Markov's Constructive Mathematical Logic	E. G. Rajan