



International Conference

Systemics, Cybernetics and Informatics

(ICSCI - 2006)

January 04 - 08, 2006

Venue: Taramati Baradari Cultural Complex, Hyderabad, India

Chief Guest: Dr. R. Sethuraman (Retd. Professor of MIT, Madras)

Contributed Papers List of ICSCI-2006

Session CS-01

(2:50 PM - 6:00 PM, 4th of January 2006)

Paper ID	Title of the Paper	Author(s) and their Affiliations
CS-1.1	Performance analysis of matched and post compression filters in the presence of AWGN	K.Sudhakar (Scientist - G, N.S.T.L., Visakhapatnam) K.Raja Rajeswari (Professor, Dept. of ECE. College of Engineering, Andhra University)
CS-1.2	Performance Analysis of Radar Signals	M. Uttara Kumari (Lecturer, Department of ECE, R.V.College of Engg., Bangalore) D. Tirumala Rao (Asst.Professor, Department of ECE, GMRIT, Rajam) Prof. K. Raja Rajeswari (Professor, Department of ECE, A.U.College of Engg)
CS-1.3	Performance of DQPSK using Orthogonal Frequency Division Multiplexing (OFDM) Over Rayleigh and Rician Channel	S.Srigowri (Asst.Prof., E.C.E, VRS Engg. College, Vijayawada) Dr. B.Prabhakar Rao (Prof. & Head, E.C.E, J.N.T.U.C.E, Kakinada) Dr. P.V.Subbaiah (Prof&Head, E.C.E, V.R.S Engg. College, Vijayawada)
CS-1.4	Novel Receiver Structure for Mobile Communication using Adaptive DQPSK under Fading Environment	Dr. B. P. PATIL (Professor & Head of Electronics Dept. Maharashtra Academy of Engineering, Pune)
CS-1.5	Implementation of DSP Based five axis CNC Machine Control	Prof. Sunil Sudam Morade (K. K. Wagh Institute of Engg Education & Research, Nashik) Prof. Sunita Pandit Ugale (K. K. Wagh Institute of Engg Education & Research, Nashik) Prof. Dinesh M. Chandwadkar (K. K. Wagh Institute of Engg Education & Research, Nashik)
CS-1.6	A Novel Differential Coding Technique in DPSK to Optimize the Transmission Bandwidth	M.V.S.Sairam (Associate Professor, ECE Dept, GVP College Of Engg, Visakhapatnam) DR.B.Prabhakar Rao (Professor & Head, ECE Dept, J.N.T.U College Of Engg, Kakinada) M.S.Anuradha (Associate Professor, ECE Dept, GVP College Of Engg, Visakhapatnam) DR.D.S.Murthy (Professor & Head, ECE Dept, GVP College Of Engg, Visakhapatnam)
CS-1.7	Digital Mixer	D.S.Venkateswaralu (MVSR Engineering College, Hyderabad) G.Kanaka Durga (MVSR Engineering College, Hyderabad) B.Hari Kumar (MVSR Engineering College, Hyderabad) B.Sarala (MVSR Engineering College, Hyderabad)
CS-1.8	Implementation of DSP Based CNC Machine Supporting Card for Interfacing High & Low Speed Peripherals	Prof. Sunil Sudam Morade (K. K. Wagh Institute of Engg Education & Research, Nashik) Prof. Sunita Pandit Ugale (K. K. Wagh Institute of Engg Education & Research, Nashik) Prof. Dinesh M. Chandwadkar (K. K. Wagh Institute of Engg Education & Research, Nashik)
CS-1.9	A Comparative Analysis of Fourth Order and Complex PDEs for Noise Removal	Jeny Rajan (M.Tech. Student, Department of Computer Science University of Kerala, Trivandrum) M.R Kaimal (Professor & Head, Department of Computer Science, University of Kerala, Trivandrum)

Session CS-02**(9:50 AM– 1:00 PM, 5th of January 2006)**

CS-2.1	VLSI Implementation of Digital image Segmentation Algorithm for Gray Scale Images	Dr. S. Subha Rani (Assistant Professor, ECE Department, P.S.G College of Technology, Coimbatore) A. Rajendran (M.S Research scholar, ECE Department, P.S.G College of Technology, Coimbatore)
CS-2.2	Crosstalk Aware Repeater Insertion for Coupled VLSI Interconnects	Brajesh Kumar Kaushik (PhD, III year, Research Scholar, Department of Electronics & Computer Engineering, Indian Institute of Technology-Roorkee) Dr. Sankar Sarkar (Professor, Department of Electronics & Computer Engineering, Indian Institute of Technology-Roorkee) Dr. R.P.Agarwal (Professor, Department of Electronics & Computer Engineering, Indian Institute of Technology-Roorkee)
CS-2.3	Fpga based Islanding for Grid Connected Inverters	A.M.Stanly Paul (II M.E., (Power Electronics and Drives), Dept of Electrical and Electronics, Bannari Amman Institute of Technology) Mr.T.Anbalagan M.E., (Lecturer, EEE Dept, Bannari Amman Institute of Technology)
CS-2.4	High Speed Architecture for the Design of QMF Bank with CSD Coefficients	D.Punithavathi (Department of Mechatronics, Sri Krishna college of Engineering and Technology) F .Gajendran (Department of Research and Development, Sri Krishna College of Engineering and Technology)
CS-2.5	BDD-based Synthesis of Logic Functions Using Adiabatic Multiplexers	Gopal Paul (Dept. of ECE, Anna University, Chennai) Sambhu N. Pradhan (Dept. of CSE, IIT-Kharagpur) Annapura Das (Dept. of ECE, Anna University, Chennai) Bhargab B. Bhattacharya (ACMU, Indian Statistical Institute, Kolkata) Ajit Pal (Dept. of CSE, IIT-Kharagpur)
CS-2.6	Design of Ternary ADC Circuit	S.B. Hatwar (Department of Electronics and Communication, Yashawantrao Chavan Collage of Engg.Wanadongri, Nagpur) Dr. A. M. Dighe (Deaprtment of electronics and Communication, Yashawantrao Chavan Collage of Engg.Wanadongri, Nagpur)

Session CS-03**(2:50 PM – 6:00 PM, 5th of January 2006)**

CS-3.1	Simulation of Electronic Circuits and Its Application in Performance Analysis of Electronic Systems	Prof. Sanjay B. Dabadgeonkar (FIETE Asst Prof, E & T, R.S.C.O.E.) Prof. K. N. Barbole (Asst Prof, E & T C, J. S. C. O. E.) Dr. R.A. Mishra (Head, Dept. of Electronics, A.M.V. College)
CS-3.2	Design of Loop Filter for Synchronous Pseudolite Navigation System using PLL	D.S.Venkateswarlu (ECE Department, M.V.S.R.Engineering College) B.Hari Kumar (ECE Department, M.V.S.R.Engineering College) G.Kanaka Durga (ECE Department, M.V.S.R.Engineering College) N.Namassivaya (ECE Department, M.V.S.R.Engineering College) C.D. Naidu (ECE Department, VNR VJIET, Hyderabad)
CS-3.4	Sensors and Actuators in Structures Using Fibre Optic Sensors	S.Vidhyalakshmi (BE Civil Final, Periyar Maniammai College of Technology for Women, Vallam Thanjavur) V.Meenakshi (Senior Lecturer, SRM Arts and Science College) A.V.Vijayalakshmi (M.Sc Computer Science Final Year, SRM Arts & Science)
CS-3.5	Earth's Magnetic System & It's Future Effect	Naresh D. Sonawane (Student,N.M.Univ, S.S.V.P.S. COE, Dhulia) Pankaj M. Patil (Lecturer, Pune Univ, S.V.M. COE Nashik) Yogesh D. Sonawane (Lecturer, Pune Univ, S.V.M. COE, Nashik)
CS-3.6	Modeling and Simulation of MEMS Characteristics: A Numerical Integration Approach	M.Z.Shaikh (Research Scholer, J.N.T.U. Hyderabad) Dr. S F Kodad (H O D (EEE), A E C Bhongir) Dr. B C Jinaga (Registrar, J N T U ,Hyderabad) Danraj Soloman (Assistant Professor, A E C Bhongir)
CS-3.7	"Nanotechnology: Regal Of New Era"	Chordiya Suyog G (P.R.E.C., LONI) Songire Dinesh K (P.R.E.C., LONI) Sonkul Monali M (G.C.O.E., Jalgaon) Prof. S. J. Bagul (Head & Assistant Professor, P.R.E.C., LONI)
CS-3.8	Moletronics : Future Electronics	Refee Mohammad Shaik (Student,3rd B.Tech, SASTRA Deemed University) Ashok Kumar Reddy (Student,4th B.Tech, SASTRA Deemed University) Manda Sai Naresh Babu (Student,4th B.Tech, SASTRA Deemed University) N.R.Raajan (Lecturer, SASTRA Deemed University) P.V.Suryanarayana Murthy (4th year ,ECE/Sastra)

Session CS-04
(9:50 AM– 1:00 PM, 6th of January 2006)

CS-4.1	Data Acquisition System For The Analysis Of Sleep Disorders	<p>Y.Padmasai (Associate Professor, Dept. of ECE, VNR Vignana Jyothi Institute of Engg. & Tech., Hyderabad) Dr.K.Subba Rao (Associate Professor, Dept. of ECE, University College of Engg., Osmania University, Hyderabad) M.Venkateswara Rao (Assistant Professor, Dept. of BME, University College of Engg., Osmania University, Hyderabad) V.Malini (Assistant Professor, Dept. of BME, University College of Engg., Osmania University, Hyderabad)</p>
CS-4.2	Heart Rate Variability Under Different Physiological Conditions	<p>Prof. Channappa Bhyri (P.D.A.College Of Engineering, Gulbarga) Prof. Kalpana V. (P.D.A.College Of Engineering, Gulbarga) Prof. Rajendra Chincholi (P.D.A.College Of Engineering, Gulbarga)</p>
CS-4.3	Fetal ECG Recovery: Gamma Network	<p>C.Kalyana Sundaram (Student, Department of Electronics (PG), Kongu Engineering College, TamilNadu) K.HelenPrabha (Asst.Professor, Dept of ECE, Kongu Engineering College, TamilNadu) Dr.A.M.Natarajan (Principal, Kongu Engineering College, TamilNadu)</p>
CS-4.4	Effect Of Blending Agents Like Methanol And Ethanol On Emissions And Fuel Economy On A Single Cylinder Gasoline Engine	<p>S.V.Channapattana (Asst Prof, Dept of Mechanical Engineering, D.Y.Patil College of Engineering, Pune) A.A.Pawar (Lecturer, Department of Mechanical Engineering, Jawaharlal Nehru Engineering College, Aurangabad) L.S.Pawar (Lecturer, Department of Mechanical Engineering, Jawaharlal Nehru Engineering College, Aurangabad)</p>
CS-4.5	Digital Circuit Design Using Evolvable Hardware	<p>S.Sumathi (LECTURER, Adhiyamaan College Of Engg, Hosur, TamilNadu)</p>
CS-4.6	Real-Time Event Triggered Embedded System For LPG Bottling Plant	<p>Nikhil S Damle (Research Assistant (PG student), VNIT Nagpur) Pooja R Deshpande (Research Assistant, VNIT Nagpur) Dr. A. G. Keskar (Prof & Head, Dept. of Elec & Comp Science Engg, Visvesvaraya National Institute of Tech)</p>
CS-4.7	Stemming Algorithms in NLP : Issues and Challenges	<p>A.Kanaka Durga (Assoc.Prof. CSE/IT, GNEC) Dr.V.P.C.Rao (Principial,St.Martin's Engg.College) Dr.A.Govardhan (Assoc.Prof. CSE, JNTU)</p>

Session CS-05
(2:50 PM – 6:00 PM, 6th of January 2006)

CS-5.1	Hardware / Software Co-design and Related Issues in Embedded System Design	<p>Manish. M. Patil (Associate Professor in International Institute of Informaton Technology (I2IT), Pune) Suhas. S. Khot (Lecturer in E&TC Engg. Dept, R.S.C.O.E Pune) Pravin. M.Ghate (Lecturer in E&TC Engg. Dept, R.S.C.OE. Pune)</p>
CS-5.2	Design of a New Architecture for Load Balancing in Automotive System	<p>A.S.Pillai (Research Scholar, Department of Physics, University of Mumbai, Kalina Campus,SantaCruz(E), Mumbai) Dr.S.K.Dubey (Reader, Department of Physics, University of Mumbai, Kalina Campus,SantaCruz(E), Mumbai) M.M.Patil (Associate Professor, Microelecelectronics and VLSI Design, International Institute of IT, Pune)</p>
CS-5.3	Realization of High Speed Routers Using Random Early Detection To Avoid Network Congestion	<p>Shivakumar A. (Department of Computer Science & Engg. REC, Bhalki) Rekha Patil (Department of Computer Science & Engineerig, HKES' PDA College of Engineering, Gulbarga) Jyothi Patil (Department of Information Science & Engineerig, HKES' PDA College of Engineering, Gulbarga)</p>
CS-5.4	Implementation of Embedded MicroSCADA – an Automated Fault Tolerant Approach	<p>Abhijit Hazra (Dept of Computer Science, JIS College of Engineering) Kausik Ghosh (Dept of CS, Meghnad Saha Inst of Tech)</p>
CS-5.5	Assembler for 8096 Microcontroller	<p>Smt. Bharati Harsoor (Lecturer, CSE Dept, PDA College of Engineering, Gulbarga) Mr. Swadesh Agarwal (M.Tech Student, CSE Dept, PDA College of Engineering, Gulbarga)</p>
CS-5.6	Experimental Investigation on Internal Air Lift Loop under Normal Operations	<p>Lalit S Pawar (Lecturer, Jawaharlal Nehru Engineering College, Aurangabad) N M Rao (Dr. Babasaheb Ambedkar Technological University, Lonere) N G Patil (Lecturer, Jawaharlal Nehru Engineering College, Aurangabad) A A Pawar (Lecturer, Jawaharlal Nehru Engineering College, Aurangabad)</p>

CS-5.7	A Technique for Passive Radar Illuminator Analysis	Harish K Shakamuri (Research Assistant, Electrical Engineering Department, Louisiana Tech University) Karthik K Hebbar (Electrical Engineering Department, Louisiana Tech University) Ganesh B (Electrical Engineering Department, Louisiana Tech University)
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Session CS-06
(9:50 AM– 1:00 PM, 7th of January 2006)

CS-6.1	An Adaptive Likelihood Function for Classification of Power System Faults	Vinay Kumar (Sr Undergraduate Student, Department of Electrical Engineering, Indian Institute of Technology, Kharagpur) Aurobinda Routray (Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, Kharagpur) Ashok Kumar Pradhan (Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology, Kharagpur)
CS-6.2	Poly Phase Code Design for Multiple Radar Systems	S.P Singh (MGIT, Gandipet, Hyderabad) Dr K Subba Rao (ECE Dept, College of Engg, (O.U), Hyderabad)
CS-6.3	Simulation of Dynamic Voltage Restorer Using Space Vector PWM	J.Praveen (O.U.C.E) B.P.Muni (BHEL(R&D)) H.V.Makthal (VEC) P.Parthasarady (GNEC) J.Sailaja (NEC)
CS-6.4	Upgraded Thyristor based Static Var Compensator in Steel Industries	Charles.S (PG Scholar, Bannari Amman Institute of Tech, Tamilnadu) P.Rajkumar (Lecturer, Bannari Amman Institute of Tech., Tamilnadu)
CS-6.5	Analysis, Certain Investigations on the Performance of AC Chopper Fed Series Motor	S.Sivaranjani (PG Scholar (Power Electronics and Drives), Bannari Amman Institute of technology) C.Ramakrishnan (Lecturer EEE Department, Bannari Amman Institute of technology)
CS-6.6	A Novel Embedded Maximum Power Point Tracker for PV Panels Using SEPIC Converter	M.r. R. B. Darla (Dept of EEE, VCE, Hyderabad) Prof. S. R. Kurude (Dept of EE, PIET, Pune)
CS-6.7	Information Technology Solution for Efficient Electrical Power Distribution Management	K. Srinivas (Doctoral Candidate, Dept of Elec Engg, SVU College of Engineering, Tirupati) R.V.S. Satyanarayana (Principal, Vardhman College of Engg)
CS-6.8	Analysis Modeling and Simulation of Synchronous buck Converter for PMG in Low Power Applications	K.Thirunavukkarasu (PG Scholar, Bannari Amman Institute of Technology) Mr.R.Bharanikumar (Sr.Lecturer, Bannari Amman Institute of Technology) Mr.G.Prakash (Lecturer, Rajalakshmi Engineering College) J.Uma (Assistant Professor, College of Guindy)
CS-6.9	Characterization and Modeling of Low Frequency Noise of Polymer Thick Film Resistors	Y. Srinivasa Rao (Prof & Head, ECE Dept, Sai Spurthi Inst of Tech) B. Gangarm (Sathupally) B. Rajasekhara Reddy (Associate Professor, ECE Department, Vasavi College of Engg) B. Prashanthi (M. E., ECE Department, Vasavi College of Engg)

Session CS-07
(9:50 AM– 1:00 PM, 6th of January 2006)

CS-7.1	A Novel Unity Power Factor Input Stage for AC Drives Applications	Sheik Mohammed S (PG Student, Bannari Amman Institute of Technology, Sathyamangalam) Kumar Chinnaiyan V (Lecturer, Bannari Amman Institute of Technology, Sathyamangalam)
CS-7.2	Electric Discharging Machining Characteristics Al/SiCp Composites	N.G.Patil (Jawaharlal Nehru Engineering College, Aurangabad) L.S. Pawar (Jawaharlal Nehru Engineering College, Aurangabad) A.A.Pawar (Jawaharlal Nehru Engineering College, Aurangabad) P.K.Brahmankar (Dr. Babasaheb Ambedkar Technological University) D.G.Thakur (Dr. Babasaheb Ambedkar Technological University)
CS-7.3	Development of Embedded Remote Control System for DC Power Control	Gulam Amer (Student M.Tech(PE),PDA Engg college ,Gulbarga) Prof. Raju Yanamshetty (PDA Engg college ,Gulbarga)
CS-7.4	Design and Implementation of Novel EMI Filter for PWM Inverter Fed Induction Motor	C.Karthikeyan (Lecturer/EEE, M.P.Nachimuthu M.Jaganathan Engg.college, Chennimalai) T.Gowrishankar (Lecturer/EEE, Bannari Amman Institute of Technology, Sathyamangalam)

Session CC-01
(2:50 PM – 6:00 PM, 4th of January 2006)

CC-1.1	An overview of Constellations and Satellite Using STK	Lydell Elias II (Research Scholar, Prairie View Networking Academy (PVNA), Prairie View A&M University, TX, USA) Dr. Sarhan M. Musa (Director of PVNA, Prairie View Networking Academy (PVNA), Prairie View A&M University, TX, USA)
CC-1.2	Some Aspects of Modelling and Simulation for the Recognition of Speech and Speaker of Bengali Language using Proposed GSAMTSS Algorithm	Tilendra Shishir Sinha (Asst Prof, Dept of CS & Engg, Dr.B. C.Roy Engg College, Durgapur) Dr. Gautam Sanyal (HOD, CS & Engg., and MCA, NIT, Durgapur) Dr. Abhijit Mukherji (Professor and Principal, Dr. B. C. Roy Engineering College, Durgapur)
CC-1.3	Collision Avoidance System for Autonomous Mobile Vehicles Travel in Undefined Path	R.V.Krishnaiah (CSE Department, Chirala Engineering College) Prof.K.Soundara Rajan (Principal, JNTU, Ananthapur)
CC-1.4	Knowledge based Computer System for Assessment of Working Condition of Transformer	Prof. V.B.Waghmare (Professor and Head, Electrical Engineering Department, Government Collge of Engineering, Amravati) Mr. Nitin k. Dhote (Student , Second Year M.E.(E.P.S.), Electrical Engineering Department, Government College of Engineering, Amravati)
CC-1.5	Motion Detection and Tracking of Multiple Vehicles	Ansari Vaqar Ahmed M. H. (Faculty, Department of Computer Engg. St. Francis Institution of Technology, Borivali (W), Mumbai) SC Mhatre (Faculty, Department of Computer Engg. Terna Engineering College, Navi Mumbai) Dr. A. K. Sen (Principal, St. Francis Institution of Technology Borivali (W), Mumbai)
CC-1.6	Intelligent Input Device	Arijit Maity (3rd year Student, Electronics & Communication Engineering, Haldia Institute of Technology, Haldia) Arnab Rakshit (3rd year Student, Electronics & Communication Engineering, Haldia Institute of Technology, Haldia) Asim K Jana (Assistant Professor, Electronics & Communication Engineering, Haldia Institute of Technology, Haldia)
CC-1.7	A Practical Model for Speaker Verification	Ramakanthkumar (Research Scholar CMRTU, R.V.College of Engineering, Bangalore) Dr.S.C.Sharma (Principal, R.V.College of Engineering, Bangalore) Ashwin M.A (R.V.College of Engineering, Bangalore) Ashok C Holla (R.V.College of Engineering, Bangalore)
CC-1.8	An Integrated HW and SW Simulation Environment for System Verification of Automotive Braking System	V Senthil Kumar (CMC Limited, Gachibowli, Hyderabad) N Ramachandar (CMC Limited, Gachibowli, Hyderabad)
CC-1.9	Contributing factors to assess text to speech system quality	Y.B.Gurav (Asst.Professor , Department of Comp. Engg/IT, JSPM's RSCOE , Pune)

Session CC-02
(9:50 AM– 1:00 PM, 5th of January 2006)

CC-2.1	Artificial neural network for service restoration in distribution systems	Yogendra Kumar (Research Scholar, Electrical Engg. Dept, I.I.T., Roorkee) B. Das (Asst. Professor, Electrical Engg. Dept., I.I.T. Roorkee) Jaydev Sharma (Professor, Electrical Engg. Dept. I.I.T. Roorkee)
CC-2.2	Crop Belt Based On Neural Network And Fuzzy Logic	Jyothi Patil (Department of Information Science & Engineering, Poojya Doddappa Appa College of Engineering, Gulbarga) Mangala A. (Department of Information Science & Engineering, Poojya Doddappa Appa College of Engineering, Gulbarga)
CC-2.3	Neural Generalized Predictive Control for Real Time Applications	Mr. D.N. RAO (Research Scholar, Osmania University, Hyderabad) Prof. Dr. M.R.K. Murthy (ECE-HOD, M.J.College of Engineering, Hyderabad) Prof. Dr. S.R.M. Rao (Principal HMIT,Hyderabad)
CC-2.4	Comparison of NGPC with Approximate and Nonlinear Predictive Control - A Simulation Study	Mr. D.N. RAO (Research Scholar, Osmania University, Hyderabad) Prof. Dr. M.R.K. Murthy (ECE-HOD, M.J.College of Engineering, Hyderabad) Prof. Dr. S.R.M. Rao (Principal HMIT,Hyderabad)
CC-2.5	Neural Network Model for Seizure Activities of Brain	Prof. S.G.Hiremath (Department of Electronics, JSS Research Foundation, SJCE Campus, Mysore) Dr.Udaya Shankar (JSS Research Foundation, as research Scientist, Department of Electronics, SJCE Campus, Mysore)
CC-2.6	Modeling And Simulation of STATCOM For Reactive Power Compensation And Transient Stability Enhancement	M. Archana (Student, VCE, Hyderabad) B.Srikanth (Student, VCE, Hyderabad) R.B. Darla (Lecturer, VCE, Hyderabad) S. Sumalatha (Student, VCE, Hyderabad)

CC-2.7	Fuzzy Modeling Of Radar Signals For Range Resolution - An Approach	P.Sri Hari (Assistant Professor, Dept.of E.C.E, College of Engineerig, GITAM) P.Rajesh Kumar (Professor and HOD, Dept.of E.C.E, Shri Vishnu Engineering College of Women, Bhimavaram) K.Raja Rajeswari (Professor, Dept.of E.C.E, College of Engineerig, Andhra University) K. Venkata Rao (Principal, GMRIT, Rajam, Srikakulam Dist)
CC-2.8	Fetal Ecg Extraction - A Combined Wavlet And Fuzzy Approach	M.Selva kumar (Student, BE (ECE), Kongu Engg College, Erode) K.Helenprabha (Research scholar, Dept of CSE, Kongu Engg College, Erode)
CC-2.9	Strategies for Distributed System Reliability Improvement using Fuzzy Logic	R.Seethalakshmi (Assistant Professor, School of Computing, SASTRA, Thanjavur) Dr.K.S.Ravichandran (School of Computing, SASTRA, Thanjavur)

Session CC-03

(2:50 PM – 6:00 PM, 5th of January 2006)

CC-3.1	Ontology based User Modeling for Trust - Security Management	Dr.K.Chandra Sekaran (Professor, Dept. of Computer Engineering) Dr.V.Vijaya Kumar (Professor, School of I.T)
CC-3.2	Study of Optimization on Bubble Sort using Trap Analysis	Prof.K.V.N.Sunitha (Head,CSE Dept, G.Narayanamma Institute of Technology & Science, Hyderabad) Dr V. Vijay Kumar (Associate Professor, SIT, JNTU, Hyderabad)
CC-3.3	Minmax Algorithm - An Attempt to Increase Algorithmic Efficiency -Cybernetics	Mrs. G. Malathi (Lecturer, Department of MCA, Velammal Engineering College, Chennai)
CC-3.4	Light Encryption for Mobile devices of Lower Time Constraint	M. Ekambaram Naidu (Professor, CSE Dept., Sree Vidyanikethan Engg. College, A. Rangampet, Tirupati) S. Sreenivasa Chakravarthi (Asst. Professor, CSE Dept., Sree Vidyanikethan Engg. College, A. Rangampet, Tirupati)
CC-3.5	Selecting Learning Objects using Recommender Systems for e-Learning Courseware Development	S.R.Balasundaram (Senior Lecturer, Dept. of Computer Applications, NIT Trichy) Dr.B.Ramadoss (Assistant Professor, Dept. of Mathematics, NIT Trichy)
CC-3.6	MUSICAL AUDIO MINING	C.Karthikeyan (Senior Lecturer, School of Computing, SASTRA, Thanjavur) Jansi Rani S.V (PG Student, School of Computing, SASTRA) Dr.A.Rajaraman (Visiting Professor, IITM, Chennai)
CC-3.7	Optimized Association Rule Generation	M.Rajalakshmi (Lecturer, Department of CSE/IT, Coimbatore Institute of Technology, Coimbatore)

Session CC-04

(9:50 AM– 1:00 PM, 6th of January 2006)

CC-4.1	Generic Framework For Cluster Computing	Dr. Rama Murthy Garimella (Associate professor, International Institute of Information Technology, Hyderabad) Sajid Ali Khan (Assistant Professor, Dept. of Informatics (MCA), Deccan College of Engg. & Tech, Darussalam, Hyderabad) Bhanu Kalyan Chetlapalli (International Institute of Information Technology, Hyderabad) Raghu Kishore Gandham (International Institute of Information Technology, Hyderabad)
CC-4.2	Building Kernel Level Process Infrastructure for Distributed Computing using Linux	Prof. K.N. Honwadkar (Department of Computer Engineering, D.Y. Patil College of Engineering, Pune) P. R. Sonawane (Department of Computer Engineering, Army institute of Technology, Pune) Sonali Potdar (Department of Information Technolgoey, Sinhgad College of Engineering, Pune)
CC-4.3	Reducing Latency Problems In Linux Kernel By Changing Spin-Locks Into Semaphore	Sulabha Sonawane (Department of Computer Engineering, D Y Patil College of Engineering, Pune) P R Sonawane (Department of Computer Engineering, Army institute of Technology, Pune)
CC-4.4	Locking Technique Modification in Floppy Driver on Linux Platform	Mr. Patil Sandeep Ramsing (Lecturer, Computer Engg Dept, Army Institute of Technology, Pune) Prof. A. A. Sawant (Head of Computer Engg Dept, Government College of Engineering, Pune)
CC-4.5	Matching Proximity of Scheduling Algorithms for Grid Computing	Ravi Kumar L (ME Student, CS Group, BITS, Pilani) T.S.B. Sudarshan (Assistant Professor, CS Group, BITS, Pilani) Bharat M. Deshpande (Assistant Professor, CS Group, BITS, Pilani)

Session CC-05
(2:50 PM – 6:00 PM, 6th of January 2006)

CC-5.1	Test and Verification Tools/Development- Synopsis	Sudha Akula (Q A Engineer, Computer Associates, Hyderabad) Vani Palasamudram (Manager -QA, Computer Associates, Hyderabad) Damodaram A (Head of Dept., (CS), JNT University, Hyderabad)
CC-5.2	Model-Based Testing Based on Functional Requirements Using Combinatorial Design Method	D V Gopala Raju (Cognizant Technology Solutions, Hyderabad) Dr. KVSVN Raju (Professor, Dept.of.CSSE, Andhra University) Dr. A Damodaram (Professor, Dept.of.CSE, JNT University)
CC-5.3	The Reliable Automatic Test Case Generation System Based on Combinatorial Design Method	D V Gopala Raju (Cognizant Technology Solutions, Hyderabad) Dr. KVSVN Raju (Professor, Dept.of.CSSE, Andhra University) Dr. A Damodaram (Professor, Dept.of.CSE, JNT University)
CC-5.4	Efficient Test Case Generation using Spanning Set and Guaranteed Coverage Adequacy using MC/DC in Regression Testing	M.S Geetha Devasena (II M.E (Software Engg), Sri Ramakrishna Engineering College, Coimbatore) M. Suresh Kumar (Assitant professor, Dept.of CSE(PG), Sri Ramakrishna Engineering College, Coimbatore) Preethi Harris (II M.E (Software Engg), Sri Ramakrishna Engineering College, Coimbatore) N. Rajkumar (Professor & HOD, CSE Dept (PG), Sri Ramakrishna Engineering college, Coimbatore)
CC-5.5	Applying Metrics in Object Oriented Systems	T Latha Mahaswari (II ME (CSE), Dept of Computer Science and Engineering, Kongu Engineering College, Perundurai) R Kalaivani (Lecturer Dept of Computer Science and Engineering Kongu Engineering College, Perundurai)
CC-5.6	Model Based Development – A New Approach for Safety Critical Embedded Control System	V Senthil Kumar (CMC Limited, Gachibowli, Hyderabad) N Ramachandar (CMC Limited, Gachibowli, Hyderabad) S Jaikant (CMC Limited, Gachibowli, Hyderabad)
CC-5.7	Transform domain security aspect over Chosen radar signal	N. Renuka Chary (Professor and HOD,ECE Department,JBIET, Moinabad) S. Rajendra Kumar (Asst. Professor ECE Department,JBIET, Moinabad (M))

Session CC-06
(9:50 AM– 1:00 PM, 7th of January 2006)

CC-6.1	A New Approach for Constructing Principal Curves	Pankaj Ganguly (ABV-Indian Institute of Information Technology and Management, Gwalior) Chinmoy Ganguly (Tata Consultancy Services Limited, Electronics Complex, Salt Lake City) Sarbajit Pal (Variable Energy Cyclotron Centre, 1/AF, Bidhan Nagar, Kolkata)
CC-6.2	Face Recognition Using Principle Component Analysis and Hotelling Transform	Prof. Manisha Satone (M.E, K.K.Wagh college of Engg, Nashik)
CC-6.3	Fuzzy Based Two Way Approach For Ear Recognition	C.Nandini (Asst Prof, Dept of E & E, V.V.I.E.T, Mysore) Dr.C.N.RaviKumar (Prof and Head, Dept of CS&E, SJCE, Mysore)
CC-6.4	Supervisory Control and Data Acquisition System	B.KarunaMoorthy M.E (LECTURER/EEE Dept. MPNMJ Engg. College, Chennimalai) K.Manikandan (Final Year B.E/EEE,MPNMJ Engg, College, Chennimalai)
CC-6.5	System Authentication using Fingerprint	Milind E Rane (Vishwakarma Institute of Technology, Pune) Patil P M (Vishwakarma Institute of Technology, Pune)
CC-6.6	Fusion in Biometric Recognition	Dnyandeo K Shedje (AISSMSWCOE, Pune) Milind E Rane (V I T, Pune) Pradeep M Patil (V I T, Pune)
CC-6.7	Finger Print Enabled Image Encryption (A Real Time Implementation Using AT mega 162 Atmel Microcontroller)	Suresh D S (JSSRF, Mysore) V Udayashankara (JSSRF, Mysore) C.P. Shantala Suresh (CIT, Tumkur)
CC-6.8	Protection Of Multimedia Content Using Multimodal Biometric Encryption	M.S.Gayathri (M.E(Final Year) Computer Sci and Engg, Jerusalem College of Engg, Chennai) Rajeswari Mukesh (Assistant Professor, Department of Computer Sce and Engg, Jerusalem College of Eng, Chennai)
CC-6.9	On the notion of Generic Sequences and their applications	Prof M. Ekambaram Naidu (Professor, Department of CSE, Sree Vidyanikethan Engineering College) Dr. E. G. Rajan (Pentagram Research Centre)

Session CI-01**(2:50 PM – 6:00 PM, 4th of January 2006)**

CI-1.1	Enhancement of moving image transmission over the network using image isolation	Smt. Suvarna. Nandyal (Dept of computer science & Engineering, Poojya Doddappa Appa Engineering college, Gulbarga)
CI-1.2	Medical Image Registration using new Information Metric and Genetic optimization	S. S. S. P. Rao (Department of CSE, Indian Institute of Technology Bombay, Mumbai) Vaijanath N. Rao (Department of CSE, Indian Institute of Technology Bombay, Mumbai) S. K. Bose (MODLabs, Babha Atomic Research Center, Mumbai)
CI-1.3	Appearance based model for efficient representation and recognition of coins	B H Shekar (Department of Computer Science, Mangalore University, Mangalore) M Sharmila Kumari (Department of Computer Science, PA College of Engineering, Mangalore) D S Guru (Department of Studies in Computer Science, University of Mysore, Mysore) P Nagabhushan (Department of Studies in Computer Science, University of Mysore, Mysore)
CI-1.4	Document Mosaicing using Modified Mist Data Structures	Ramakanthkumar (Research Scholar CMRTU, R.V.College of Engineering, Bangalore) Dr.S.C.Sharma (Principal, R.V.College of Engineering, Bangalore) Doreswamy (Reader, Mangalore University) Sharath V (Student, Dept. of CSE, R.V.College of Engineering, Bangalore)
CI-1.5	Watermarking On MPEG-4 Video	Ms. Snehal B Sontale (Pune) Prof. M.L.Dhore (Vishwakarma Institute Of Technology, Upper Indira Nagar, Bibwewadi, Pune) Prof. N.Z. Tarapore (Vishwakarma Institute Of Technology, Upper Indira Nagar, Bibwewadi, Pune)
CI-1.6	Designing a Real-Time Mobile GIS	D. Vijayalakshmi , Associate Professor, VNR Vignan Jyothi Institute of Engineering And Technology, Hyderabad I.V. Murali Krishna , Professor, Centre for Spatial Information Technology, JNTU, Hyderabad E.G. Rajan , Professor, Department of E C E, Vasavi College of Engineering, Hyderabad

Session CI-02**(2:50 PM – 6:00 PM, 5th of January 2006)**

CI-2.1	Throughput Maximization Routing For Location Based MANET	V.Sumathy (Research Scholar, GCT campus, Anna university, Coimbatore) Dr.P.Narayananasamy (Professor, CSE Department, Anna University, Chennai) Elamparithi (GCT campus, Anna university, Coimbatore)
CI-2.2	Simulation and Comparative Analysis of DSDV and DSR Routing Protocols in MANETs.	Adarsh Kumar (Department of Computer Sc. And Engg., Jaypee Institute of Information Technology, Noida) Anil K. Verma (Department of Computer Sc. And Engg., Thapar Institute of Engg. And Technology, Patiala)
CI-2.3	Survivability of WDM Networks based on Backup Multiplexing	D.Mohanageetha (Senior Lecturer, Department of ECE, Kumaraguru college of Technology) R.Srilakshmi (II M.E., Communication systems, Kumaraguru college of Technology, Coimbatore)
CI-2.4	Label Switching for Optimum QoS	V.R.Saraswathy ,M.E. (E.C.E Dept, Kongu Engineering College, Perundurai) G.Murugesan ,M.E. (Research Scholar, E.C.E. Dept, Kongu Engineering College, Perundurai)
CI-2.5	DDoS Detection in Mobile IPv6	S. Menaka (Ramanujam computing Center, Anna University) D. Sridharan (Sr. Lecturer, Ramanujam Computing Center, Anna University)
CI-2.6	A Simulation Study Of Certain Routing Protocols In Mobile Ad Hoc Networks	P. Ramamoorthy (Professor of ECE, Govt College of Technology, Coimbatore) Dr. A . Shanmugam (Principal, Bannariamman Institute of Technology, Sathyamangalam) V . Sumathy (Lecturer of ECE, Govt College of Technology, Coimbatore)
CI-2.7	Optimization of TCP performance in Hybrid Model for Wireless Networks	Prof.M.V.Subramanyam (Dept of ECE, RGM College of Engg and Tech, Nandyal) Dr.K.Satva Prasad (Principal, JNTU College of Engg, Kakinada)
CI-2.8	Asynchronous Wakeup Schedule For Wireless Sensor Networks	S. Annadurai (Professor, Government College of Engineering, Tirunelveli)

		N.A Vasanthi (Asst professor, Sri Krishna college of Engineering and Technology, Coimbatore)
CI-2.9	Performance Evaluation of Low Energy Adaptive Clustering Hierarchy Protocol for Wireless Sensor Networks	N.A VASANTHI (Research Scholar-Anna university, AP- Dept of IT, Sri Krishna College of Engineering and Technology) S. ANNADURAI (Principal, Government College of Engineering, Tirunelveli)

Session CI-03

(2:50 PM – 6:00 PM, 4th of January 2006)

CI-3.1	Data Mining using Neural Networks: Current Scenario and Future Trends	S.S. Sane (Professor, K.K.Wagh coll of Engg Edu & research, Nashik) A.A. Ghatol (Vice chancellor, Dr. Babasaheb Ambedkar Technology university)
CI-3.2	Perspectives in Knowledge Discovery in Very Large Databases: Overview and Outlook	P. Vishal (Tech. Splcialist, Infosys Tech. Ltd) Dr. A. Govardhan (Assoc. Professor, JNTU, Hyderabad) Dr. G. Vijaya Kumari (Assoc. Professor, JNTU, Hyderabad) Dr. P. K. Sinha (Chief R&D Projects Coordinator, C-DAC, Pune)
CI-3.3	Data Mining Application in Knowledge Extraction of Polymer Matrix And Reinforcement Clustering	Doreswamy (Department of Computer Science, Mangalagangothri-Karnataka) S. C. Sharma (CMRTU, Bangalore, Karnataka) M. Krishna (CMRTU, Bangalore, Karnataka) H N Murthy (CMRTU, Bangalore, Karnataka)
CI-3.4	Document Clustering in Virtual Space using Similarity Metrics and PCA	M.Punithavalli (HOD of Computer Science, Sri Ramakrishna College of Arts and Science for Women, Coimbatore) Dr. E.Ramaraj (Sr Lecturer, Department of Computer Science & Engineering, Alagappa University, TN)
CI-3.5	CASE Based Abstract, Generic and Integrated Framework for Software Process Automation	L.D.DHINESH BABU (Senior Lecturer, School of Computer Sciences Vellore Institute of Technology) T.ARUN KUMAR (Associate Professor, School of Computer Sciences Vellore Institute of Technology)
CI-3.6	Expert Rule Miner: A New Framework for Handling Uncertainty and Quality assessment in Data mining Process	Madhu.G (PhD student, Dept of Mathematics, JNTU, Hyderabad) Dr.A.R.K.Prasad (Professor of Mathematics, JNTU, Hyderabad) Dr.A.Govardhan (Associate Prof, Dept of CSE, JNTU, Hyderabad)
CI-3.7	Mining Association Rules Without Candidate Generation	Mr. Patil Sandeep Ramsing (Lecturer, Computer Engg Dept, Army Institute of Technology, Pune) Prof. A. A. Sawant (Head of Computer Engg Dept, Government College of Engineering, Pune) Mr. Ruikar Sachin (Lecturer, Ele & Telecomm. Engg. Dept., Army Institute of Technology, Pune)
CI-3.8	Association Rule Mining at Cross Levels in Hierarchical Data Items	Sumit Gupta (HOD, M.V.G.R college of Engg, Vizianagaram) Sandeep Jain (Vizianagaram)
CI-3.9	Lexical Chaining: Techniques and Applications	V.Meenakshi (Senior Lecturer, SRM Arts & Science College) Dr.V.Shanthi (Prof. & Head, Department of Computer Science, Eswari Engineering College, Chennai) S.Lalitha (Senior Lecturer, SRM Arts and Science College) M.Sundararajan (Prof. & Head, Dept. of Computer Science, SRM Arts & Science)

Session CI-04

(9:50 AM– 1:00 PM, 5th of January 2006)

CI-4.1	Heuristic Algorithms for Engineering Applications	E. Raj Kumar (Asst Prof, Mech Engg M.R.R.Institute of Technology and Science, Udayagir)
CI-4.2	Soft Computing Techniques Applied to Information Retrieval: A Study	B.V. Swathi (Asst Prof, Dept of CS, Matrusri Inst Of PG Studies) M .Krishna Murthy (Systems Programmer, School of Info, JNTU) Dr.A.Govardhan (Associate Professor, Dept. of CSE, JNTU)
CI-4.3	Spatial Knowledge for Disaster Identification	M.N.Rao (Research Student, S.V.University, Tirupati) P.Govindarajulu (Professor, S.V.University, Tirupati)
CI-4.4	Genetic Timetable Scheduler	Sanjay R. Sutar (Dr. Babasaheb Ambedkar Technological University) Varunakshi S. Kajabale (Dr. Babasaheb Ambedkar Technological University)
CI-4.5	A Comparative Analysis of Feed-Forward and Feed-back Connectionist Algorithms Applied to Prediction of Lifetime 305-d Milk Yield in Karan-Fries Dairy Cattle	Adesh Kumar Sharma (Research Scholar, SMCA, TIET, Patiala) R. K. Sharma (Professor and Head, SMCA, TIET, Patiala) H. S. Kasana (Professor, SMCA, TIET, Patiala)
CI-4.6	Implementing Behavior in Artificial Life	Ajay A. Jaiswal (H.O.D, Computer & Information Technology, KDK College of Engg, Nagpur) Dipesh D. Uike (Lecturer, Information Technology department, KDK College of Engg, Nagpur)

CI-4.7	Computational Techniques and Algorithms Methods for Multiple Sequence Alignment	Prabhu SM (Professor Dept of biotechnology, Bharat Deemed university Chennai)
CI-4.8	3D Array formation techniques for correlation and convolution techniques	D.Elizabeth Rani GITAM College of Engg Visakhapatnam

Session CI-05

(9:50 AM– 1:00 PM, 5th of January 2006)

CI-5.1	Image Acquisition and Feature extraction in Iris Recognition System	V.Meenakshi (Senior Lecturer, SRM Arts & Science College) Dr.V.Shanthi (Prof. & Head, Department of Computer Science, Eswari Engineering College, Chennai) S.Lalitha (Senior Lecturer, SRM Arts and Science College) M.Sundararajan (Prof. & Head, Dept. of Computer Science, SRM Arts & Science)
CI-5.2	MIPS High Level Security System Using Latest Technology	N.R.Raajan (Lecturer, SASTRA Deemed University) A.Murali Krishna (4th year ,ECE/Sastra) A.Krishna Chaitanya (3rd year ,ECE/Sastra) S.Raja (4th year ,ECE/Sastra) K.Vikramadithan (4th year ,ECE/Sastra)
CI-5.3	Secure Streaming Media Through Digital Rights Management	E.Madhusudhana Reddy (Research Scholar, S.V.University, Tirupati) P.Vasu (Research Scholar, S.V.University, Tirupati) Dr.M.Padmavathamma (Head, Department of Computer Application S.V.University, Tirupati)
CI-5.4	Identity Based Group Signature using Biometrics	T.Kavitha (Ramanujan Computing Center, Student of College of Engg Guindy, Anna University, Chennai) T.P.Saravana Bava (Lecture (SLG), Ramanujan Computing Center College of Engg, Guindy, Anna University, Chennai) Rajeswari Mukesh (Asst Prof,Dept of CS, Jerusalem coll Engg Anna Univ, Chennai) Dr.P.NarayanaSwami (Prof,Dept of CS, Coll of Engg Guindy, Anna Univ, Chennai)
CI-5.5	Software Watermarking	D Seetha Mahlaxmi (Asst. Prof., Dept. of CSE,J N T U, Kukatpally, Hyderabad)
CI-5.6	Watermark Insertion Algorithm Implementation using the Auxilary carry and LSB methods	D.Lalitha Bhaskari (Visakhapatnam) Prof. Dr. P.S.Avadhani (HOD, Dept Of CSE, Andhra University) Dr. A.Damodaram (HOD, Dept Of CSE, JNTU, Hyderabad)
CI-5.7	Improved Speech Encoding using Linear Predictive Coding with Linear Predictive Low Frequency Emphasis	K. Vimalkumar (Department of Computer Science, College of Engineering, Anna University) Dr. D. Nedumaran (Department of Central Instrumentation & Service Laboratory, University of Madras, Guindy Campus, Chennai)
CI-5.8	Reduction of Covariance Matrix Dimension in PCA for Face Recognition	Ch. Satyanarayana (Department of CSE, J.N.T.U College of Engineering, KAKINADA) L. Pratap Reddy (Department of ECE, J.N.T.U College of Engineering, KAKINADA)
CI-5.9	Biometric Personal Identification Using Iris Patterns	S. P. Narote (Asst. Prof, Sinhgad College of Engg, Pune) A.S. Narote (Resarch Scholar, Sinhgad College of Engg, Pune) Dr. L. M. Waghmare (Professor, SGGGS College of Engg. & Tech, Nanded)

Session CI-06

(2:50 PM – 6:00 PM, 6th of January 2006)

CI-6.1	A Genetic Programming Approach for Training Radial basis Functional Neural Networks	M. R. Senapati (Krupajal Engineering College) G.Panda (National Institute of Technology, Rourkela) P.K.Pattanayak (Silicon Institute of Technology) P.K.Dash ((SMIEEE), College of Engineering, Bhubaneswar) Satchidananda Dehury (Fakirmohan University)
CI-6.2	Partition Based Data Clustering Using Parallel Genetic Algorithm	S. Dehuri (Department of Information & Communication Technology, Fakir Mohan University, Balasore) A. Ghosh (Machine Intelligence Unit, Indian Statistical Institute, Kolkata) R. Mall (Department of Computer Science & Engineering, Indian Institute of Technology, Kharagpur)
CI-6.3	A Fast and Efficient Genetic Algorithm for Data Clustering	P. K. Dash (College of Engineering Bhubaneswar, Bhubaneswar) G.Panda (National Institute of Technology, Rourkela) B. B. Mishra (Silicon Institute of Technology, Bhubaneswar) S. Dehuri (F.M.University, Baleswar) S. C. Satpathy (College of Engineering Bhubaneswar, Bhubaneswar)
CI-6.4	Emotion Recognition System	M. Naveen Kumar Reddy (IIIT-Allahabad, Allahabad) Mukul Srivastava (IIIT-Allahabad, Allahabad)

		M.Hima Bindu (Assistant Professor, IT, IIIT-Allahabad, Allahabad)
CI-6.5	A Model For Filtering Data Streams on Location Prediction Systems	P. Venkata Krishna (Sr. Lecturer & Research Scholar, School of Computer Sciences, Vellore Institute of Technology, Vellore) N.Ch.S.N Iyengar (Professor, School of Computer Sciences, Vellore Institute of Technology, Vellore)
CI-6.6	Adaptive Algorithms for Complexity Management in Video Coding	A.Shenbagavalli (Asst Prof, National Engineering College, Kovilpatti) M.Chinnathambi (Student, National Engineering College, Kovilpatti)
CI-6.7	Components of Video Codec H.264	Mrs Neeta A. Deshpande (lecturer, K.K. Wagh college of Engg Edu & research, Nashik) Ms. Dipali . Medhe (Lecturer, K.K. Wagh college of Engg Edu & research, Nashik) Priyanka Ayyagari (K.K. Wagh college of Engg Edu & research, Nashik)
CI-6.8	An Algorithm For Optimum Blank Nesting With Scheduling For Multiple Components	P.J.Pawar (Department of Production Engineering, K.K.Wagh Institute of Engineering Education and Research, Nasik) S.R.Gangurde (Department of Production Engineering, K.K.Wagh Institute of Engineering Education and Research, Nasik)

Session CI-07

(2:50 PM – 6:00 PM, 6th of January 2006)

CI-7.1	Adaptive Entropy based Algorithm for Robust End Point Detection applied to Words/Sentences in Tamil and English	A.Revathi (Research Scholar, Dept. of ECE, NIT, Trichy) Dr. R. Chinnadurai (Asst. Professor, Dept. of ECE, NIT, Trichy) Dr. Y. Venkataramani (Principal, Saranathan College of Engg,Trichy)
CI-7.2	Off-line Handwritten Kannada Text Recognition	Ramakanthkumar (Research Scholar CMRTU, R.V.College of Engineering, Bangalore) Dr.S.C.Sharma (Principal, R.V.College of Engineering, Bangalore) Doreswamy (Reader, Mangalore University)
CI-7.3	A New Mountain Function Based Technique for Extraction of Text and Non Text Components in a Document Image	Shivakumara P (Dept of CS, Univ of Singapore) Hemantha Kumar G (Univ of Mysore) Aditi G (Univ of Mysore) Bhanumathi H.R (Univ of Mysore) Kukoo Thaliath (Univ of Singapore) Vidya K.A (Univ of Mysore)
CI-7.4	A New Envelope Based Technique for Identification of Languages of Different Lines in a Document	Shivakumara P (Dept of CS, Univ of Singapore) Hemantha Kumar G (Univ of Mysore) Divya R (Univ of Mysore) Prathibha Jain P (Univ of Mysore) Seema G (Univ of Mysore)
CI-7.5	OOV (Out-Of-Vocabulary) Detection, Confidence Scoring and Modeling	V.Meenakshi (Senior Lecturer, SRM Arts & Science College) Dr.V.Shanthi (Prof. & Head, Department of Computer Science, Eswari Engineering College, Chennai) S.Lalitha (Senior Lecturer, SRM Arts and Science College) M.Sundararajan (Prof. & Head, Dept. of Computer Science, SRM Arts & Science)
CI-7.6	Pronounced and Spelled Proper Names Recognition System	S.Vidhyalakshmi (BE Civil Final, Periyar Maniammai College of Technology for Women, Vallam Thanjavur) V.Meenakshi (Senior Lecturer, SRM Arts and Science College) A.V.vijayalakshmi (M.Sc Computer Science Final Year, SRM Arts & Science) S.Lalitha (Senior Lecturer, SRM Arts and Science College)
CI-7.7	A study on corpus based analysis of characters in the present Telugu script	N. Venkata Rao (Department of ECE, Sri Vasavi Engineering College, TADEPALLIGUDEM) I. Santi Prabha (Department of ECE, JNTU College of Engineering, KAKINADA) L. Pratap Reddy (Department of ECE, JNTU College of Engineering KAKINADA)
CI-7.8	Using Neural Networks to Create an Adaptive Character Recognition System	N.R.Raajan (Lecturer, SASTRA Deemed University) Satyendra Kumar Reddy (4th year ECE/Sastra) Archana Reddy (ECE,St.Ann's College of Engg.) K.Kareem Reddy (4th year ,ECE/Sastra) J.Srinivas (4th year ,ECE/Sastra)
CI-7.9	An Efficient Binarization Technique for Old Documents	B. AnuradhaSrinivas (Karshak Engg. College, Parvathapur, Uppal, Hyderabad) B.KoteswaraRao (Vignans Engineering College, Vadlamudi, Guntur)

Session CI-08**(9:50 AM– 1:00 PM, 6th of January 2006)**

CI-8.1	Comparison of new approach of ICA technique for extraction of fetal electrocardiogram	M.Kayalvizhi (Research Scholar, Anna university) Dr.S.Shenbagadevi (Asst professor, Dept ECE, Anna university)
CI-8.2	In Silico Studies On Human Leukocyte Elastase: A Novel Approach Towards The Design Of Hle Inhibitors	L. Jayashankar (Research Scholar, GVK Bio Sciences) R. Arun kumar (M.Sc Bio Physics, GVK BioSciences) Dr. J. A. R. P. Sarma (Head-Informatics GVK Bio Sciences, Hyderabad) V. Suman Kumar (B. Tech, GVK Bio Sciences)
CI-8.3	A Neural Network Technique for Classification of Microcalcification in Digitized Mammograms	A. V. Deshpande (Shrimati Kashibai Navale, College of Engg., Pune) S. P. Narote (Sinhgad College of Engg, Pune) Dr. V. R. Udupi (Gogte Institute of Tech, Belgum) Dr. H.P. Inamdar (Walchand College of Engg, Sangli)
CI-8.4	Integration of EEG, ECG, Respiration and PPG signals for the analysis of the Brain asymmetry	Y.Sriveni (Sri Ramachandra Medical College and Research Institute, Porur, Chennai) M.Mukunda Rao (Sri Ramachandra Medical College and Research Institute, Porur, Chennai)
CI-8.5	A New look at Encryption Standards	Prof. A. Sessa Rao (Head, Dept. of Computer Science Engineering, GMR Institute of Technology, RAJAM) Prof. Allam Appa Rao (Professor, Dept. of Computer Science & System Engineering, College of Engineering, Andhra University) Prof. K. Raja Rajeswari (Professor, Dept. of Electronics & Communication Engineering, College of Engineering, Andhra University)
CI-8.6	Performance and Complexity Analysis of Safer With RSA Algorithm	Amar Kumar Mohapatra (Lecturer (CSE), IGIT, GGS Indraprastha University, DELHI) Dr. Nupur Prakash (Professor, School of Information Technology, GGS Indraprastha University, Delhi) Serena Kohli (B.Tech(Final Year),IGIT,GGS Indraprastha Uiversity,Delhi)
CI=8.7	Trends in road traffic crashes and associated injury and fatality: A case study of BMTC (Bangalore Metro Transport Corporation)	Sri. N. Guruprasad (Asst. Prof., Dept. of MCA, P.E.S. Institute of Technology, Bangalore) Dr. Y. S. Kumaraswamy (Prof. and Head, Dept. of IS, Don Bosco Institute of Tech, Bangalore)
CI-8.8	Advancement in Mammography- Imperative Need	Prof. R.Samson Ravindran (Research Scholar, VMKV Engineering College, Vinayaka Mission's Research Foundation, Salem) Dr.M.Y.Sanavallah (Principal and Research Guide, VMKV Engineering College, Vinayaka Mission's Research Foundation, Salem)
CI-8.9	Biotech System for Leaf Defoliation analysis & Grading using a DSP Processor	Nataraj A. Vijapur (Lecturer,E & C Department, K.L.E.Society's College of Engg. & Tech Belgaum) Hansraj Guhilot (Prof & Head, E & C Department, K.L.E.Society's College of Engg. & Tech, Belgaum) Sudhirkumar Singh (Student, E & C Department, K.L.E.Society's College of Engg & Tech, Belgaum)

Session CI-09**(9:50 AM– 1:00 PM, 7th of January 2006)**

CI-9.1	A Fuzzy Knowledge-based Approach to Detect Airport in High-resolution Panchromatic Satellite Images	Anupam Agrawal (IIIT, Allahabad) Pranav Gupta (Tata Consultancy Services Limited, Pune)
CI-9.2	Image Quality Assessment using Distortion and Noise Quality Measures	D.Venkata Rao (Associate Professor, Dept of ECE, Bapatla Engineering College, Bapatla) V.Rama Rayalu (Lecturer, Dept of ECE, Bapatla Engineering College,Bapatla) Dr.L.Pratap Reddy (Associate Professor, Dept of ECE, JNTU, Kakinada)
CI-9.3	Quality Measures of Image Data Compression in Frequency Domain	S.S.Gornale (Department of Compr Sci, Pune University, Pune) K.V.Kale (Deptment of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S))
CI-9.4	Performance Analysis of Image Coding Techniques	Dr. D. S Bormane (Professor of E&TC Engg. Dept and Principal, BVP college of Engg. for Women, Pune) D. M.Yadav (Asst. Prof. in E&TC Engg. Dept, J.S.P.M Research Centre, R.S.C.O.E Pune) R.P.Borse (Lecturer in E&TC Engg. Dept.J.S.P.M Research Centre R.S.C.OE. Pune)

CI-9.5	Image Compression using Wavelet Packet Tree based on Log Entropy	G.K.Kharate (K. K. Wagh Institute of Engg Education and Research, Nashik) Prof. Dr. A.A. Ghatol (Vice Chancellor, Dr. Babasaheb Ambedkar Techno University, Lonere) Prof. Dr. P.P.Rege (Dept. of Electronics and Communication Pune Institute of Engg and Techno, Pune)
CI-9.6	A New Dynamic Finite-State Vector Quantization Algorithm for Image Compression	P.Raviraj (Research Scholar, VMRF Deemed University, Salem) V.Sampath Kumar (Research Scholar, VMRF Deemed University, Salem) Dr.M.Y.Sanavullah (Principal, VMKV Engineering College, Salem)
CI-9.7	Segmentation and Compression of Texture Images	Anand M (M.S by research, M.I.T Anna University) Dr. Mala John (Assistant Professor, Department of Electronics, MIT Campus, Anna University)

Session CI-10

(9:50 AM– 1:00 PM, 7th of January 2006)

CI-10.1	Object Recognition Through the Principal Component Analysis of Spatial Relationship Amongst Corners	B.H. Shekar (Department of Studies in Computer Science, Mangalore University, Mangalore) D.S. Guru (Department of Studies in Computer Science, University of Mysore, Mysore) P. Nagabhushan (Department of Studies in Computer Science, University of Mysore, Mysore)
CI-10.2	Two-Dimensional Shape Representation and Matching: An Unconventional Approach	D.S. Guru (Department of Studies in Computer Science, University of Mysore, Mysore) H.S. Nagendraswamy (Department of Studies in Computer Science, University of Mysore, Mysore)
CI-10.3	A New Generalized Skew Estimation Technique for Binary Document Images using 20 Rules Thinning Algorithm and Linear Regression Analysis	Shivakumara P (Dept of CS, Univ of Singapore) Hemantha Kumar G (Univ of Mysore) Rashmi S (Dept of CS, Univ of Mysore) Chaitra S P (Dept of CS, Univ of Mysore) Manjunath Aradhya V N (Dept of CS, Univ of Mysore)
CI-10.4	On the Effect of Rank Approximation on Information Retrieval	Ch. AswaniKumar (Lecturer, Dept of Information Technology, Vellore Institute of Technology, Deemed University, Vellore) S. Srinivas (Associate Professor, Dept of Mathematics, Vellore Institute of Technology, Deemed University, Vellore)
CI-10.5	Modified Anisotropic Diffusion Approach & its Application in Fingerprint Image Recognition	Akhilesh Upadhyay (Reader, Dept of E&T, Institute of Technology & Management, Gwalior) Dr. Sanjay N. Talbar (Professor, Dept of E&T Engg, S.G.G.S. Institute of Engg. & Technology, Nanded) Dr. Trimbak R. Sontakke (Director, S.G.G.S. Institute of Engg. & Technology, Nanded)
CI-10.6	Shape Estimation of Microscopic Objects	K. S. Pradeep (Image Processing and Computer Vision Lab, Dept. of Electrical Engineering, IIT Madras) A. N. Rajagopalan (Dept. of Electrical Engineering, IIT Madras)
CI-10.7	Fingerprint Minutiae Verification Based on Singular point	Mrs.S.Valarmathy (Research Scholar, BannariAmman Institute of Technology) Dr. S.Arumugam (Additional Director, DOTE, Chennai)
CI-10.8	Meshing Algorithms & Data Structures For Surface Representation	Josephine Prem Kumar (Professor, MVJ College of Engg, Bangalore)
CI-10.9	Symbol Recognition Using Region Adjacency Graphs	Vaishali S. Pawar (Computer Engineering Department, N.D.M.V.P.S.'s C. O. Engineering, Nashik) Varsha H. Patil (Computer Engineering Department, K.K.Wagh IEER, Nashik)

Session CI-11**(2:50 PM – 6:00 PM, 5th of January 2006)**

CI-11.1	Voice print Identification a secure speech algorithm	Dr.E.Ramaraj (Selection Grade Lecturer, Department of Computer Science & Engg, Alagappa University, Karaikudi) Mrs.E.Chandra (Senior Lecturer, Department of Computer Applications, DJ Academy for Managerial Excellence, Coimbatore)
CI-11.2	Connected Speech Recognition for easy Conversation Transformation	Dr.E.Ramaraj (Selection Grade Lecturer, Department of Computer Science & Engg, Alagappa University, Karaikudi) Mrs.E.Chandra (Senior Lecturer, Department of Computer Applications, DJ Academy for Managerial Excellence, Coimbatore)
CI-11.3	Speech Processing by Vector Quantization	Prof. Deshpande Vivek S. (Lecturer (Comp / IT Department), MIT Women Engineering, Pune) Prof. Rajneesh Bedi (Lecturer (Comp / IT Department), MIT Women Engineering, Pune) Prof. Rekha Sudandhi (Lecturer (Comp / IT Department), MIT Women Engineering, Pune) Prof. Irfan M (Lecturer (Comp / IT Department), MIT Women Engineering, Pune)
CI-11.4	Syllable based Speech Recognition using Hidden MARKOV Models	G.Chenamma (Assistant Professor, PVP.Siddartha Institute Of Technology, Vijayawada)
CI-11.5	Isolated Word Recognition using Hidden Markov Model for Interactive Voice Response Systems	Mohammad Saleem (Research Scholar, Department of Computer Science, Jamia Millia Islamia, New Delhi) Dr Abdul Mobin (Sr. Scientist, National Physical Laboratory, New Delhi) Dr Khurram Mustafa (Reader, Department of Computer Science, Jamia Millia Islamia, New Delhi)
CI-11.6	Mobile Transaction and Issues - A Review	Smt.Bharati Hrasur (Lecturer, CSE Dept, PDA COLEGE of ENGG, Gulbarga)
CI-11.7	MULTIMEDIA STREAMING TECHNOLOGY IN 4G MOBILE COMMUNICATION SYSTEMS	M. Bheemalingaiah (Associate Professor, Department of CSE, Sree Vidyanikethan Engineering College) Prof M. Ekambaram Naidu (Professor, Department of CSE, Sree Vidyanikethan Engineering College) C. Madhusudhan Rao (Assistant Professor, Department of CSE, Sree Vidyanikethan Engineering College)
CI-11.8	Peak- to-Average Power Control in OFDM using Multiple Signal Representation	K.Murali Krishna (Associate Professor, Dept.of E.C.E, MVGR College of Engg, Vizianagarm) V.Jagan Naveen (Assistant Professor, Dept.of E.C.E, GMRIT) G.Manmada Rao (Assistant Professor, Dept.of E.C.E, GMRIT) K.Raja Rajeswari (Professor, College of Engineering, Andhra University)
CI-11.9	Space - Time Transmit Diversity in Spatially Correlated Frequency - Selecting Fading Channels in Mobile Communications	Kumar Saurabh (Aurora Engg Coll, Bhongir, Nalgonda) Sanjay Kumar Suman (Dept. of Electronics & Communication Engg Velamal engineering College, Chennai) Satyanand Singh (Aurora Engg Coll, Bhongir, Nalgonda)