



Student Papers List of ICSCI-2006

Session SS-01

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

Paper ID	Title of the Paper	Author(s) and their Affiliations
SS-1.1	Numerical Distance Protection by Expert Simulation and Hardware Interfacing	A. Banerjee (Final Year Student, Electrical Engineering, JIS College of Engineering, WB) C. Roy (Final Year Student, Electrical Engineering, JIS College of Engineering, WB) P. Sanyal (Final Year Student, Electrical Engineering, JIS College of Engineering, WB)
SS-1.2	Numerical Transformer Protection Through Computer Simulator & Hardware Interfacing	K.Saha (Dept of Electrical Engineering, JIS College of Engineering, Kalyani) B.K.Ghosh (Dept of Electrical Engineering, JIS College of Engineering, Kalyani) S.Bhattacharyya (Dept of Electrical Engineering, JIS College of Engineering, Kalyani) S.Debdas (Dept of Electrical Engineering, JIS College of engineering, Kalyani)
SS-1.3	Embedded Co-ordination And Monitoring of Power Plant Relaying	S. Banerjee (Dept. of Electrical Engineering, JIS College of Engineering.) T. Mukherjee (Dept. of Electrical Engineering, JIS College of Engineering.) B. Dutta (Dept. of Electrical Engineering, JIS College of Engineering.)
SS-1.4	Monitoring And Diagnosis Of Power Plants Using Web Technology	AMRUTHA CHAWLA (MS(BY RESEARCH), Dept of CSE, Osmania University, Hyderabad)
SS-1.5	Spline Wavelet Based Fuzzy Recognition System For Power Quality Events	SUJATHA.S (IV year EEE, Bharath Institute of Higher Education and Research, Chennai.) SANGEETHA BHOOPATHY (IV year EEE, Bharath Institute of Higher Education and Research, Chennai.)
SS-1.6	Fuzzy based coordinated controller for power system stability and voltage regulation	N.Aswin kumar (Narayana Engg college, Nellore) T.Guru bhavan (Narayana Engg college, Nellore) G.Balachander Naidu (Narayana Engg college, Nellore)
SS-1.7	New Concept In Power System	Siva narayana swamy .B (IV B.Tech (EEE))

Session SS-02

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

SS-2.1	FPGA Implementation of AES Encryption and Decryption	Sounak Samanta (B.E. IV Yr, S V National Institute of Tech, Surat) Biswajit Mitra (B.E. IV Yr, S V National Institute of Tech, Surat) Pranab Biswas (B.E. IV Yr, S V National Institute of Tech, Surat)
SS-2.2	FPGA implementation of integer linear programming accelerator	Abhinandan Majumdar (Computer Engineering, NITK, Surathkal)
SS-2.3	Embedded Systems : Processor and EDA	Supraja Madhavan (Secunderabad) G. Niranjani Priyanka (Hyderabad.)
SS-2.4	Cell Processor	Shil S.Desai (K.K.Wagh InstOf Engg Edu & Research, Nashik) Rushabh A.Vora (K.K.Wagh InstOf Engg Edu & Research, Nashik) Nikesh D.Patel (K.K.Wagh InstOf Engg Edu & Research, Nashik)
SS-2.5	Technical Visualizations In VLSI Design	M.KanakaRaju (MeRITS) G.Pavan Kumar (MeRITS) B.Sudheer (MeRITS)
SS-2.6	CMOS Fabrication Technology	K.M.Raghavender (B.tech ECE ¾, Aurora's Engineering College, Hyderabad) C.Chaturvedi (B.tech ECE ¾, Aurora's Engineering College, Hyderabad)

SS-2.7	Embedded Systems As A Open Control Platform	AMIT KUMAR CHOUBEY (Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI) MANOJ KUMAR V (Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI) RAVI RAUSHAN (Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI)
SS-2.8	Embedded Systems	V.V.Surendra Duggirala (E.C.E.-3/4 GVP College of Engg, Visakhapatnam) K.Suryanarayana (E.C.E.-3/4 GVP College of Engg, Visakhapatnam) Julapalli Vinil Kumar. (E.C.E.-3/4 GVP College of Engg, Visakhapatnam)
SS-2.9	A reconfigurable system featuring dynamically extensible embedded microprocessor, fpga and customizable i/o	Shubham Awasthi (B.E. 4th year (EIE.), Institute of Technology and Management, Gwalior) Shyam Aakashe (M.Tech. 2nd year, Institute of Technology and Management, Gwalior)
SS-2.10	Embedded systems, Processors and EDA tools	Sarang A Gupta
SS-2.11	Embedded System	Navneet (CHENNAI) AMIT KUMAR (CHENNAI) A.ANAND (CHENNAI) Abhinav (CHENNAI)
SS-2.12	Smart phone: an embedded system for universal interaction	B.VenkataRamanaReddy (St.john's college of engg & tech, Andhrapradesh) K.Raju (St.john's college of engg & tech, Andhrapradesh) N.K.SreenivasulaReddy (St.john's college of engg & tech, Andhrapradesh)

Session SS-03

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

SS-3.1	Analysis and Design of Real Time Data Acquisition System for Critical Analog and Digital Parameters in Nuclear Power Plant	Sachin Kumar Patidar (MS By Research (CSE), Dept Of CSE, Univ Coll Of Engg, Osmania Univ, Hyd)
SS-3.2	Reverse Engineering In Cad Applications	P. SREEDHAR (IIIYear B.Tech Mechanical Engineering, SASTRA, Deemed University, Thanjavur) CIJO.T.MATHEWS (IIIYear B.Tech Mechanical Engineering, SASTRA, Deemed University, Thanjavur)
SS-3.3	Design and Development of Spot Billing Electricity System	Avil Avate (M.S.(By Research), Univ Coll of Engg , Osmania University, Hyderabad)
SS-3.5	Vehicle Monitoring and Control System Using Microcontrollers	P.PRANEETH (ECE DEPARTMENT, ANITS) U.SUKUMAR VARMA (ECE DEPARTMENT, ANITS) D.A.S.N.MURTHY (ECE DEPARTMENT, ANITS)
SS-3.6	Prototype for detecting landmine	R.Manigandan (Pre-Final ECE, Mepco Schlenk Engg. College, Sivakasi) P.S.Rajesh (Pre-Final ECE, Mepco Schlenk Engg. College, Sivakasi) S.A.Ramanathan (Pre-Final ECE, Mepco Schlenk Engg. College, Sivakasi)
SS-3.7	Water Sprinkler System Using Microcontroller-8051	Tejashree S. Jagtap (Student (T.E E&TC), Sinhgad Technical Education Society, Pune) Nikhil P. Alandkar (Student (S.Y.B.C.A), Sinhgad Technical Education Society, pune)
SS-3.8	Fuel Injection By A Thermal Microinjector	Shashank Jaiswal (J.N.E.C , Aurangabad) Prasad Kulkarni (J.N.E.C, Aurangabad) Amol Kulkarni (G.C.O.E, Aurangabad)
SS-3.9	RFID-Temperature Sensors In Pharmaceutical Industry	Santhanalakshmi. K (UG Student, Department of Information Technology, Coimbatore Institute of Technology, Coimbatore) Asha. V (UnderGraduate Student, Department of Information Technology, Coimbatore Institute of Technology, Coimbatore)
SS-3.10	Intelligent Traffic Monitoring	PREMANKUR JANA (3rd year student, ECE,Haldia Institute of Technology, HALDIA) GOURAB GUPTA (3rd year student, ECE,Haldia Institute of Technology, HALDIA) SOUMYA MUKHERJEE (3rd year student, ECE,Haldia Institute of Technology, HALDIA)
SS-3.11	A Proposed System for Automated Ticket Vending Machines	B.Kishore Patnaik (M.V.G.R College of Engineering) D.Pratush Charan (M.V.G.R College of Engineering) M.Raghuveer (M.V.G.R College of Engineering)

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

SS-4.1	Nano Memory Storage System The Millipede	K. Kartik Chandra (¾ E.E.E., S.R.K.R. Engg. College, Bhimavaram) G.S. Chaitanya Chowdary (¾ E.C.E., S.R.K.R. Engg. College, Bhimavaram) G. Sree Charan (¾ E.E.E., S.R.K.R. Engg. College, Bhimavaram)
SS-4.2	Bionanotechnology and nanomedicine	Mohammed Aslam Farooque (B-Tech Third year, Chemical Technology, Dr Babasaheb Ambedkar Marathwada University Aurangabad) Ansari Jadeer Ahsan (B-Tech Third year, Chemical Technology, Dr Babasaheb Ambedkar Marathwada University, Aurangabad) Ansari Mohd Irfan Ahmed (B-Tech Second year, Chemical Technology, Dr Babasaheb Ambedkar Marathwada University, Aurangabad)
SS-4.3	Replacement Of Heart Bypass Surgery By Nanorobot	Rupak Dua (III Year Bio Medical, Sathyabama institute of science and technology, Chennai) Satyan Mantan (III Year Bio Medical, Sathyabama institute of science and technology, Chennai)
SS-4.4	Battle Against Leukamia Using Nano-Robots	Amey P. Dhara Shivkar (P.D.V.V.P. COLLEGE OF ENGG. MIDC VILAD GHAT AHMEDNAGAR)
SS-4.5	NANO TECHNOLOGY	MANINDER SINGH (2nd year (ECE), IITT College of engg., Pojewal(PTU)) KANWALJIT SINGH ((2nd year (ECE), IITT College of engg., Pojewal(PTU))
SS-4.6	Nanotechnology-Shaping The Fabric Of Our Lives Atom By Atom	Miss Upasana Panigrahi (Mechanical Engineer(5th Sem.), O.S.M.E) Mr.Debansu Sekhar (Mining Engineer(3rd Sem.), B.Tech. O.S.M.E) Miss Aradhana Panigrahi (Mechanical Engineer(3rd Sem.), O.S.M.E)
SS-4.7	Nanotechnology	K.P.VIKRAM (Hyderabad)
SS-4.8	Nanotechnology and Quantum Computing: A Futuristic Approach To Effective Parallel Processing	S.Kishore (B.Tech. III/IV, C.V.R.College of Engineering, Hyderabad) T.V.R.S.Kalyan (B.Tech. III/IV, C.V.R.College of Engineering Ibrahimpatnam)
SS-4.9	Nanorobotics : The Technology for ultimate Biomedical Applications	Vishnu Priya.N (IV CSE, Madanapalle Institute Of Technology And Science, Madanapalle)
SS-4.10	Nanotechnology: A New Approach To Cancer Treatment	Durgesh Kumar Thakur (3rd Sem, IT, IACR College. Rayagada, Orissa) Rakesh Ku.Mishar (3rd Sem, ITIACR College. Rayagada, Orissa)

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

SS-5.1	Non-conventional energy sources-Performance Characteristics Of Diesel Engine By Using Karanja Ethyl Ester As A Bio-Diesel	P.Sreedhar (3RD YR B.TECH(MECH), SASTRA DEEMED UNIVERSITY, TANJORE.) M.GANESH (2ND YR B.TECH(MECH), SASTRA DEEMED UNIVERSITY, TANJORE.)
SS-5.2	Smart car (a solar project)	T.SRIDHAR (III - B.E. (EIE) student, Kongu engineering college, Tamil Nadu.) P.DEEPAK (III - B.E. (EIE) student, Kongu engineering college, Tamil Nadu.) G.THILIP (III - B.E. (EIE) student, Kongu engineering college, Tamil Nadu.)
SS-5.3	Glow India - using Solar Power	MADHURI.CH (S.T.I.E.T, Vizianagaram Dt) SUNIL KUMAR.S (M.V.G.R.Engg college, Vizianagaram Dt) AMRUTHA.P (M.V.G.R.Engg college, Vizianagaram Dt) LAKSHMI NIVEDITA.V (M.V.G.R.Engg college, Vizianagaram Dt) LALITH KUMAR.V (S.T.I.E.T, Vizianagaram Dt) LAKSHMI SUSEELA.A (S.T.I.E.T, Vizianagaram Dt)
SS-5.6	NON - CONVENTIONAL ENERGY SOURCES	M. N. Pratyusha (Punjabgutta) V. Sahiti (SR Nagar, HYD)

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

SS-6.1	A loosely coupled MBU model with user specific parameters for a foolproof system	Archana.V (Chennai) S.Shivashankar (Chennai) Prithyukshaa.T.R (Chennai)
SS-6.2	Telemedicine Systems	C.G.Rajesh Kumar (Chennai) J.Mohana Krishnan (Chennai) V.Aarthi (Chennai)
SS-6.3	Mathematical Model Of A Novel Glucose Biosensor	Abhishek Dutta (Department of Biomedical Engineering, Sathyabama Institute of Science and Technology, Chennai) Sakya Sing Mohapatra (Department of Bioinformatics Engineering, Sathyabama Institute of Science and Technology) Sudarshan Mukherjee (Department of Biotechnology Engineering, Sathyabama Institute of Science and Technology)
SS-6.4	Biometric Guards for Vehicle	R.Alageswaran (Senior Lecturer/SOC, SASTRA Deemed University, Thanjavur) G.Rahul (School Of Computing, SASTRA Deemed University Thanjavur) V.S.Muki (School Of Computing, SASTRA Deemed University Thanjavur)
SS-6.5	Telemedicine as an alternative for a rural health care	S.KANAKARAJ (Chennai) J.SRINIVASAN (Chennai) R.THANIKACHALAM (Chennai) S.SRIDHAR (Chennai)
SS-6.6	Intelligent Question and Answering System for Obstetrical Diagnosis	Ms. Shomona Gracia Jacob (Final year M.E. (CSE) ,Jerusalem College of Engineering, Chennai)
SS-6.7	Multi-Functional Health Care Device (A Conceptual Design)	T. Sirisha (Department of Biomedical Engineering, University College of Engineering, OU, Hyderabad) G. Samatha (Department of Biomedical Engineering, University College of Engineering, OU, Hyderabad) M. Sai Sudha (Department of Biomedical Engineering, University College of Engineering, OU, Hyderabad)
SS-6.8	Multimodal Biometric Voting System	K.BALA PRASAD (Narayana Engineering college, Nellore) JANARDHAN (Narayana Engineering college, Nellore)

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

SC-1.1	Silicon Photonics: An Insight	JEET CHAUHAN (3RD YEAR B. Tech -I.T, VISAKHAPATNAM) M.H.JEMSHED (3RD YEAR B. Tech -I.T, VISAKHAPATNAM)
SC-1.2	Quantum Computing	Akash Jain (B.E.[3rd year], CSE, Indore Institute of Science & Technology, Indore) Apoorva Ojha (B.E.[3rd year] , CSE, Indore Institute of Science & Tech, Indore)
SC-1.3	Digital Soliton Combinatorial Logic Gates in Optical Networks	Mohd Abubakr (Pentagram Research Centre, Hyderabad) G.Satya (Pentagram Research Centre, Hyderabad)
SC-1.4	Nanotechnology And Quantum-Effect Alternatives To Bulk Effect Transistors In Digital Circuits - An Overview	Smita Prasad (2nd B.tech, CSE, Al-Ameer College of Engg and Technology, Visakhapatnam) Sravani Hanumansetty (2nd B.tech, CSE, Al-Ameer College of Engg and Technology, Visakhapatnam) Tejaswi Rudraraju (2nd B.tech, CSE, Al-Ameer College of Engg and Technology, Visakhapatnam) Deepthi Boddana (2nd B.tech, CSE, Al-Ameer College of Engg and Technology, Visakhapatnam)
SC-1.5	Optical computer	Divyesh Savaria Yogeshbhai (Surat.) Arun Thiagarajan (Surat)
SC-1.6	Real Time Operating System	Minoti R. Junnarkar. (Pune) Rohan S. Awati (Pune) Sagar B. Vighne. (Pune)
SC-1.7	Modern Communication Systems	P.NANDITA (Hyderabad) P.M.R.LAKSHMI (Secunderabad)
SC-1.8	NETWORK PROTOCOL AND SECURITY	Abhishek Meher (2nd year, 3rd semester, Information Technology, I.A.C.R. Engineering college, Rayagada, Orissa)
SC-1.9	Nanotechnology	Amitha Kshirsagar (BTech-III yr, Dept. of IT, Institute of Aeronautical Engineering, Secunderabad) Rajeev Madhira (BTech-III yr, Dept. of IT, Institute of Aeronautical Engineering, Secunderabad) Amarish Mittapalli (BTech-III yr, Dept. of IT, Institute of Aeronautical Engineering, Secunderabad)

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

SC-2.1	Bio-Cybernetics	Vijay Paul Singh Naik Z (Student, Sri Indu Engineering College, Hyderabad) K Kranthi Kumar (Student, Sri Indu Engineering College, Hyderabad) SirishaMedicherla (Student, Sri Indu Engineering College, Hyderabad) Aditi Vadodkar (Student, Sri Indu Engineering College, Hyderabad)
SC-2.2	4G - Future Warrior	Pari.S (V.C.E.T, TamilNadu.) Senkguttuvan.P.J (V.C.E.T, Tamil Nadu.)
SC-2.3	Wearable computers	K.MADHAVI MURTY (Hyderabad) R.SOWMYA (Hyderabad)
SC-2.4	Human Computer Interface	Minakshi Harish Shrimalve (Nasik) Nivi Stephen (Nasik) Pranjali Suresh Jadhav (Nasik) Tanuja Neelkanth Potdar (Nasik)
SC-2.5	Interaction between Human & Computer in a Virtually Realistic World	C.Nishanth Kumar Reddy (Madanapalle) C.B.Kartheek (Madanapalle)
SC-2.6	Blue-C: A New Generation Spatially Immersive Display	Deepthi.N (IV CSE, Madanapalle Institute Of Technology And Science, Madanapalle) Sandhya.M (IV CSE, Madanapalle Institute Of Technology And Science, Madanapalle)
SC-2.7	Virtual Reality	Ramesh Siva Kumar Jayanth (Visakhapatnam) A.Aslesha Laxmi (Visakhapatnam) K.Divya (Visakhapatnam)
SC-2.8	Virtual Reality	Chakravarthy kotaru (Vijayawada) Sravanth. G (Vijayawada)
SC-2.9	Virtual Technology In Vision AIDS	HIMA BINDU AGASTYA (III year B Tech , ECE, Gurunanak Engineering College, HYDERABAD) KOMALI KRISHNA (III year B Tech , ECE, Gurunanak Engineering College, HYDERABAD)
SC-2.10	Need for an interface in 3D Virtual Reality	Suresh G (Bangalore.) Akshatha D. Baliga (Bangalore)
SC-2.11	Cave Automatic Virtual Environment	M.Pranali (Student, Vasavi College of engg, Hyderabad) K.Sandeep (Student, Vasavi College of engg, Hyderabad) K.Sri Dinesh (Student, Vasavi College of engg, Hyderabad)

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

SC-3.1	MULTIMEDIA	Khushboo Sriwastwa (Pune) Pushpita Palit (Pune)
SC-3.2	Remote Controlled Material Handling Vehicle with Robotic Arms & Area Surveying	S.Siva Sankari (Chennai)
SC-3.3	Artificial Intelligence And It's Applications	Hafeez Basha.R (B-Tech III/IV, EEE, Shadan College of Engg & Tech) K.Manasa (B-Tech II/IV, EEE, Shadan College of Engg & Tech) T. Prakash Raju (B-Tech III/IV, EEE, St. Martin's Engg College)
SC-3.4	Use Of Mapping Neural Networks And Topological Projective Theory For Solving Differential Equations	G.SANDEEP KUMAR (HYDERABAD)
SC-3.5	Em Transient Simulation Using Artificial Neural Networks	A.Navyata Sree (Hi-Tech College Of Engineering & Technology, Hyderabad) A.Viswanath Sharma ((Hi-Tech College Of Engineering & Technology, Hyderabad).
SC-3.6	Network Traffic Forecast Based On Neural Network Model	Mr. D.N. HARSHAL (III/IV B.E.(IT Dept.), CBIT, Hyd) Rahul J (III/IV B.E.(IT Dept.), CBIT, Hyd)
SC-3.7	Neural Networks And Fuzzy Control	Abhishek Kumar Tiwari (REWA (M.P)) Kruti Neema (Indore (M.P.).
SC-3.8	NEURAL NETWORKS	Y. Mohan Patnaik (Rayagada)
SC-3.9	Artificial Neural Network In Chemical Industry	Pritee Verma (3rd year Student, Chemical Engineering Department, Haldia Institute of Technology, Haldia) Arijit Maity (3rd year Student, Electronics and Communication Engineering, Haldia Institute of Technology, Haldia)
SC-3.10	A Java Code for Reusable Single layer Artificial Neural Network	S.karthik (IV E.E.E, M.R.R Engineering College, Udayagiri) D. Uday Chaitanya (IV E.E.E, M.R.R Engineering College, Udayagiri)
SC-3.11	Traffic Enforcement Mechanism in ATM using Neural Network	D. Uday Chaitanya (IV E.E.E, M.R.R Engineering College, Udayagiri) K. Ravindra (IV-C.S.E., MeRITS, Udayagiri.)

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

SC-4.1	MODIS sensor characteristics, errors, their removal and applications of MODIS Rapid Response Data	Garima Gandhi (Nagpur) Shrinivas Pappu (Nagpur)
SC-4.2	High Performance Microstrip Antenna for GPS	VNL Narasimha Rao (4/4 BTech, SVH Coll of Engg, Machilipatnam) Singa Reddy (4/4 BTech, SVH Coll of Engg, Machilipatnam) Srikanth Reddy (4/4 BTech, SVH Coll of Engg, Machilipatnam)
SC-4.3	SPACE SURVEILLANCE SYSTEM	DEEPIKA VYAS (T.E.(ELECTRONICS), K.K. WAGH INSTOF ENGG EDU AND RESEARCH, NASHIK, MAHARASHTRA) MANISH TRIPATHI (T.E.(ELECTRONICS), K.K. WAGH INSTOF ENGG EDU AND RESEARCH, NASHIK, MAHARASHTRA)
SC-4.4	ADS-B Technology and its Applications	G. Archana (Secunderabad)
SC-4.5	Telemetry in space surveillance techniques	GIRISH VILASCHANDRA GADRE (THIRD YEAR OF ENGG, INSTRUMENTATION & CONTROL, PD. Dr. Vithalrao Vikhe Patil College of Engg, Ahmednagar, Maharashtra)
SC-4.6	Solar Power Satellite	Chandan Kumar (Third Year, EEE, Gyan Ganga Institute Of Technology & Sciences) Gourav Soni (Third Year, EEE, Gyan Ganga Institute Of Technology & Sciences)
SC-4.7	Astronomy And Space Science	Bhushan Kishanlal Punjabi (Pune) Sonam Paresh Kansara (Kandivilli(E), Mumbai) Bhagyashree Kamat (Pune)
SC-4.10	Smart Video Surveillance[Exploring the concept of multiscale spatiotemporal tracking]	SONAM AGARWAL (HYDERABAD) NARA AKHILA (HYDERABAD)

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

SI-1.1	Optimization For the Memory Hierarchy	Mr. Rahul Mehra (Bangalore)
SI-1.2	Data Mining Search Tree Techniques	K.Suvarnavani (JNTU, Anantapuram) Y.Gayatri (JNTU, Anantapuram)
SI-1.3	Secure File System	V.S.Dinesh kumar (Velalar college of Engg & Tech.) P.Sathya (Velalar college of Engg & Tech.) B.Kalaivani (Velalar college of Engg & Tech) P.Jayakumar (Velalar college of Engg & Tech)
SI-1.4	A Real Time Operating System - An Emerging Tomorrow With Embedded Approach	KAPIL NAROTTAM HANDE (III SEMESTER M. TECH (CSE), G.H.RAISONI COLLEGE OF ENGINEERING, NAGPUR)
SI-1.5	Some Features that Enhance the Effectiveness of MOODLE	N. Manasa Chandra (IIIrd year B.Tech, Gayatri Vidhya Parishad College of Engineering, Visakhapatnam)
SI-1.6	Computation Of Transition Function For Deterministic Finite Automation(DFA)	Abhishek Srivastava (Computer Science & Engg., Ajay Kr.Garg Engg College) Ashish Singh (Computer Science & Engg., Ajay Kr.Garg Engg. College) Kumar Vishal (Computer Science & Engg, Ajay Kr.Garg Engg. College) Sudhir Kumar Tiwari (Computer Science & Engg., Ajay Kr.Garg Engg. College)
SI-1.7	Approach Towards Implementing Compilers With WH-EDIT In Mobiles	S.BHANNCHANDERRAJ (IV-YEARB.TECH-I.T, BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI) K.RAHINI (IV-YEARB.TECH-I.T, BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI) D.V.SURESH (IV-YEARB.TECH-CSE, BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI) R.JANE MIRIAM (IV-YEARB.TECH-ICSE, BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI)
SI-1.8	Real Time Operating System	R. Archana (SASTRA, Tanjavur, Tamil Nadu) R. Shreya (SASTRA, Tanjavur, Tamil Nadu)
SI-1.9	Linux Kernel Evolutions and Module Coupling Problem	Avil Avate (M.S.(By Research), Univ Coll of Engg , Osmania University, Hyderabad) Sachin Kumar Patidar (M.S.(By Research), UCE, OU, Hyderabad)

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

SI-2.1	Silhouette based online chucking detection in bowlers	Sathish Kumar S (Graduate Student, M.Tech Computer Vision & Image Processing, Amrita School of Engineering, Coimbatore) Vejoy Subash G (Research Associate, REcognition And Learning labs (REAL), Amrita School of Engineering, Coimbatore)
SI-2.2	Comparison of Various Face Recognition Techniques and Selection of a Robust Technique	Maruthi Chandra Sekhar Bh (Guru Nanak Engineering College, HYD) D Srinivas Teja (Guru Nanak Engineering College, HYD)
SI-2.3	Real world, real time automatic recognition of facial expressions	K. Gemini Prakash (¾ B.tech ECE, Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad) Nethi Ram Prasad (¾ B.tech ECE, Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad.)
SI-2.4	Recognition of Dynamic Handwritten Urdu/Arabic Numericals	Ms. Shabana Y. Sheikh (Nagpur)
SI-2.5	Stereolithography From Pixel To Product In One Step	Gaurav D. Bhatnagar (Final Year.(Electrical), K.K.W I.E.E.&R, Nasik) Priyanka Dutta Choudhury (Final Year(Electrical), K.K.W I.E.E.&R, Nasik) Pratik B.Tanna (Final Year(Computer), K.K.W I.E.E.&R, Nasik)
SI-2.6	Optical Character Recognition [OCR] Technology	Makrand U. Rahane (Nashik, Maharashtra) Dayanand A. Bagad (Nashik, Maharashtra)

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

SI-3.1	MULTIRATE DSP SYSTEMS	N.JEEVAN KUMAR (Tanuku) N.V.Sudheer (Krishna Dist) V.Varun (Tadepaligudem)
SI-3.2	Universal Radar Interface Design	Annapurna Seeta (Ms (by research), ECE, University College of engineering, Osmania University, Hyd.)
SI-3.3	Designing of frequency synthesizer in V/UHF Range	Rahul Gupta (MS (By Research), Dept. of ECE, Osmania University, Hyderabad)
SI-3.4	Radar And Sonar Signal Processing	Mandar A. Deodhar (Vadgaon (Bk.),Pune) Suhas T. Shinde (Vadgaon (Bk.),Pune) Ankit Agrawal (Vadgaon (Bk.),Pune) Mithila Zende (Vadgaon (Bk.),Pune)_
SI-3.5	Sindhu's filter	B.Suresh (4th B.tech, E.C.E, Bharath Institute of Engg &Tech)
SI-3.7	Analysis Of Freehand Drawing Using Signal Processing Techniques And Its Relevance to the Entropy Study of Human Brain Activity	G. Sathya (Department of Information technology, VIF College of Engineering, Hyderabad) Mohd Abubakr (Dept of ECE, GRIET) Hyderabad M.Rajesh (Dept of ECE, Vasavi College of Engineering) Hyderabad

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

SI-4.1	Smart Antenna & Their Benefits to Mobile Communication	Mr.Ganesh Nikam (Third Year Electronics Engg., K. K. Wagh Inst of Engg Edu & Research, Nashik) Mr.Deepesh Nath (Third Year Electronics Engg., K. K. Wagh Inst of Engg Edu & Research, Nashik)
SI-4.2	CDMA MOBILE COMMUNICATION TECHNIQUES	KumarGaurav (Pune) Rajendrakumar P. Mantri. (Pune) Pratik G. Limbore. (Pune) Tushar D. Nivangune. (Pune)
SI-4.3	Network Systems And Components	Saket Gunde (Pune) Nilkanth C. Inamdar (Pune) Siddharth Sarfare (Pune)
SI-4.4	Cdma - Spread Spectrum Communications Recent Trends	G VAMSEEKRISHNA (B.Tech IV/IV -I Semester, BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, Ibrahimpatnam)
SI-4.5	CDMA/Mobile Communication Technology	M.RAMESH BABU (2nd B.Tech, G.V.P.COLLEGE OF ENGG.) N.V.ANUSHA (B.Tech, G.V.P.COLLEGE OF ENGG.) P.SRAVAN KUMAR (B.Tech, G.V.P.COLLEGE OF ENGG.)
SI-4.6	CDMA/ Mobile Communication Techniques	Bhandare Suyog Sushilkumar (Pune) Patil Sudeep Prakash (Pune) Deshpande Rohit Dattatraya (Pune)
SI-4.7	CDMA/MOBILE COMMUNICATION TECHNIQUES	SHAILENDRA SINGH MEHTA (3RD YEAR (ECE), IITT College Of Engg.POJEWAL, PUNJAB) NEERAJ SRIVASTAVA (3RD YEAR (CSE), IITT College Of

		Engg.POJEWAL, PUNJAB) KANWALJIT SINGH (3RD YEAR (ECE), IITT College Of Engg.POJEWAL, PUNJAB)
SI-4.8	Wireless Mesh Networks	P.R. Umadevi (B.E (CSE) Student , Bannari Amman Institute of Technology,Sathyamangalam , Tamilnadu.) Sridevi (B.E (CSE) Student , Bannari Amman Institute of Technology,Sathyamangalam , Tamilnadu.)

Session SI-05

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

SI-5.1	Key Expansion by varying BB84 protocol for Quantum Key Distribution	Akhilesh Kumar Singh (M.S. (By Research), Embedded Systems, SASTRA University, TN) Prashant Kumar Verma (M.S. (By Research), Embedded Systems, SASTRA University, TN)
SI-5.2	Computer Network, Protocols and Security	K. Vivek Sharan (B-tech, Computer Science, 3rd year 1st semester,Bandari Srinivas Institute Of Technology) B.Preeti (B-tech, Computer Science, 3rd year 1st semester,Bandari Srinivas Institute Of Technology)
SI-5.3	Routing algorithm for Zigbee PAN- coordinator	Bhadauria Abhishek R (M.S.(By Research), Embedded Systems, SASTRA University, Thanjavur) Prashant kumar Verma (M.S.(By Research), Embedded Systems, SASTRA University, Thanjavur)
SI-5.4	Application of Swarm Intelligence in Telecommunication Networks	Kamal Sharma (M.Tech (Electronics & Comm. Engg.), SSIET, Punjab) Bandana Sharma (M.Tech (Computer Engineering), RVD University, Rajasthan)
SI-5.5	A Modified PCR with flexible transmission power and location information of surrounding nodes for energy conservation in ad-hoc networks	Archana.V (Chennai) S.Shivashankar (Chennai)
SI-5.6	IPv6: "Upgrading the Internet"	AVINASH S. VAIDYA (Electronics engineering, K. K. Wagh I. E. E & R., Nashik) HATIM H. NASIKWALA (Electronics engineering, K. K. Wagh I. E. E & R., Nashik) UTKARSH V.SINGH (Electronics engineering, K. K. Wagh I. E. E & R., Nashik)
SI-5.7	Spin Control Protocol Beta Version	DINESH S (III YEAR,ECE DEPARTMENT, S.K.R. ENGINEERING COLLEGE, CHENNAI) ANANTHAPADMANABHAN B (III YEAR,ECE DEPARTMENT S.K.R. ENGINEERING COLLEGE, CHENNAI)
SI-5.8	Computer Network, Protocols and Security	K.V.Harish (GVP College of Engg Visakhapatnam) B.Vinay (GVP College of Engg Visakhapatnam) V.Santhosh Raman (GVP College of Engg Visakhapatnam)
SI-5.9	CAN Protocol "The Next Wave in Communication"	Ratanpurwala Mubasshir M (Electronics Engineering, K. K. Wagh I. E. E & R. Nashik) Nasikwala Hatim H (Electronics Engineering, K. K. Wagh I. E. E & R, Nashik) Nasikwala Murtuza H (Electronics engineering , K. K. Wagh I. E. E & R, Nashik)
SI-5.10	wi - fi a new era in networking technology	K. PRATHIMA (III - B.Tech,CSE, St.Theressa Engg. College) M. ALEKHYA (III - B.Tech,CSE, St.Theressa Engg. College) G. SHILPA (III - B.Tech,CSE, St.Theressa Engg. College)

Session SI-06

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

SI-6.1	DNA: The Future Of Computing	T.R.K.S.Kumar (ECE, GVP COLLEGE ENGINEERING, VISAKHAPATNAM) B Kishore (ECE, GVP COLLEGE ENGINEERING, VISAKHAPATNAM.) V.Satish (ECE, GVP COLLEGE ENGINEERING, VISAKHAPATNAM)
SI-6.2	Computing with DNA	G.BalaSreevastava (3rd B.Tech Student, Dept.of Information Technology, Sree Vidyankethan Engg.college) M.Lakshmi priya (3rd B.Tech student, Dept. of Information Technology, Sree Vidyankethan Engg.college)
SI-6.3	Health care informatics	G. Sai Srividya (B.tech III yr, Bandari Srinivas Inst of Tech, Chevella) G. S. Sravanthi (B.tech III yr, Sridevi Womens Engg College, Gandipet, Hyderabad)
SI-6.4	Nephrogenetics and Nephrogenomics and their potential applications in understanding the causes of kidney disorders and its treatment by using bioinformatics tools and a protocol to develop	Avinash Ramani (III year – B.Tech, Dept. of Bioinformatics, Bharath Institute of Higher Education and Research, Chennai)

	software	
SI-6.5	Knowledge engineering based intelligent tutoring system for patient education	Purnima Gupta (Senior Undergraduate, B.Tech in Electrical Engineering, IIT Delhi, New Delhi)
SI-6.6	During evolution what came first? - DNA , RNA or Proteins	Ruturaj R. Masvekar (B.E. Biotechnology, K.I.T.'s college of engineering, Kolhapur) Pravin P. Pattekari (B.E. Biotechnology, K.I.T.'s college of engineering, Kolhapur)
SI-6.7	Tissue Engineering using Bio Polymers	Kanchan Pai (BE Biotechnology, KIT College Kolhapur) Sonali Singh (BE Biotechnology, KIT College Kolhapur)
SI-6.8	Comparative Modeling Approaches To Investigate The Role Of Aromatic Residues In Membrane Proteins	S. Sri Krishna (Department of Bioinformatics, Sathyabama Institute of Science and Technology, Chennai) Srijak Bhatnagar (Department of Bioinformatics, Sathyabama Institute of Science and Technology, Chennai) Sakya Sing Mohapatra (Department of Bioinformatics, Sathyabama Institute of Science and Technology, Chennai) K. Vinay Kashyap (Department of Bioinformatics, Sathyabama Institute of Science and Technology, Chennai)

Session SI-07

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

SI-7.1	Advanced variable and encrypted code for Data Transmission	B.Rathna Bhushan (Visakhapatnam) P.Jayaram (Visakhapatnam) N.Uday (Visakhapatnam)
SI-7.2	A Simple Multistage Vector Quantization	J.Giridharan (ECE, Sri Ramakrishna Engg. College, Coimbatore) S.Padmashree (ECE, Sri Ramakrishna Engg. College, Coimbatore) V.S.Jayanthi (ECE, Sri Ramakrishna Engg. College, Coimbatore)
SI-7.3	Secure Transmission of data in Small Networks-A Scheme	Chaitanya Rudra (2/4 B.Tech, CSE, Gayatri Vidya Parishad Coll of Engg, Visakhapatnam) Keerthy Mamidi (3/4 B.Tech, CSE, Andhra Univ Coll of Engg Visakhapatnam)
SI-7.4	Research On Making Data Communication More Secure - By Inhering Steganography In Cryptography	Hitesh B. Saliya (Computer Engg. C.K.P.C.E.T, Surat) Kirit V. Patel (Electronics and Communication Engg, C.K.P.C.E.T, Surat)
SI-7.5	Cryptography- A novel approach	Rajkumar P (Coimbatore) Vijay Senthil S. R (Coimbatore)
SI-7.6	Simple crypt	R.V.N.BHARAT (Nizamabad) ANINDITA CHATTERJEE (Hyderabad)

Session SI-08

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

SI-8.1	Cyclone and rainfall estimation using HMM	Rama Krishna. A (Surat)
SI-8.2	ECG Data Compression Algorithm Using Linear Prediction Of Wavelet Coefficient	SANDEEP BANSAL (HYDERABAD)
SI-8.3	Minimum vertex cover problem	Lokesh Kumar Jain (Bhilwara, Rajasthan)
SI-8.4	Heuristic algorithms	Senapathi Sravani (HYD) M.Sharmila Rani (Hyd)
SI-8.5	Security Model for Smart Cards	Vivek Gulati (M.S. (By Research), SASTRA University, T.N.) Kalyan Chakravathi (M.S. (By Research), SASTRA University, T.N.) C.Sadasiva Prasad (M.S. (By Research), SASTRA University, T.N.)
SI-8.6	Water Marking Through Spatial Domain Transformation	Manikanta.Panigrahi (Rajahmundry) L.Sree Vidya (Cuddapah) G.Murali Mohan (East Godavari)
SI-8.7	Security of an Intrusion Detection System: A Survey	A. N. Jaiswal (Second Year M.E. Part: II (CSE), College of engineering, Badnera)
SI-8.9	Improvised security mechanism for credit card transactions	G PRIYA (Hyderabad) T POORINIMA (Hyderabad) M MADHAVI (Hyderabad.)
SI-8.10	Copyright Protection on the Web: A Hybrid Digital Video Watermarking Scheme	G.V.RamMohanRao (Final Year B.Tech, Dept. of computer science Engg, Sri Sarathi Institute Of Engg & Tech, Nuzvid) R.MuraliKrishna (final Year B.Tech, Dept. of computer science Engg, Sri Sarathi Institute Of Engg & Tech, Nuzvid)
SI-8.11	RFID (Radio Frequency Identification) Security Systems using Code Hopping	B Rathna Bhushan (CSE, G.V.P College of Engg. Visakhapatnam) A Arun Raj Parwana (CSE, G.V.P College of Engg. Visakhapatnam)
SI-8.12	Embedded Co-ordination And Monitoring of Power Plant Relaying	S. Banerjee (Dept. of Electrical Engineering, JIS College of Engineering) T. Mukherjee (Dept of Electrical Engineering, JIS College of Engineering) B. Dutta (Dept. of Electrical Engineering, JIS College of Engineering)