

# 2011 IACSIT KANYAKUMARI CONFERENCES SCHEDULE

**2011 3rd International Conference on Electronics Computer Technology  
(ICECT 2011)**

**The 2011 International Conference on Network and Computer Science  
(ICNCS 2011)**

**Kanyakumari, India**

**April 8-10, 2011**

**Co-Sponsored by**



**IEEE**

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## Registration Only: April 8, 2011 (Friday)

### Lobby of Hotel Singaar International

10:00 – 12:30 13:30 - 17:00	Arrival and Registration
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- Note :** (1) You can also register at any time during the conference.  
 (2) Certificate of Participation can be collected at the registration counter.  
 (3) The organizer won't provide accommodation, and we suggest you make an early reservation.

## Conference: Morning, April 9, 2011 (Saturday)

Venue: Conference Room 1

8:30 - 8:35	Prayer
8:35 - 8:40	Lightening Kuthuvillaku
8:40 - 8:50	Opening Remarks Prof.S.Arumuga perumal, Head, Department of Computer Science, S.T.Hindu College, India
8:50 - 9:35	Keynote Speaker Speech 1 Dr. David Asirvatham IT Centre, University of Malaya (UM), Malaysia
9:35 - 10:20	Keynote Speaker Speech 2 Dr.N.Saravanan Head of Computer Science, IT and MIS, Mazoon University College, Sultanate of Oman
10:20- 10:40	Coffee Break & Photo Session
10:40 - 11:25	Keynote Speaker Speech 3 R.Vijayarajeswaran Managing Director, Vi Institute of Technology, India
11:25-12:10	Keynote Speaker Speech 4 Dr.N.Krishnan Professor and Head, Centre for Information Technology, Manonmaniam Sundaranar University, India

12:10 - 13:00	Buffet Lunch
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**Afternoon, April 9, 2011 (Saturday)**

SESSION – 1 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof. Gobinath Ganapathy

Time: 13:00 – 15:30

T022	Energy-aware Face Geocast for Wireless Adhoc and Sensor Networks Selvi Ravindran
T030	A NOVEL APPROACH FOR OPTIMAL NETWORK SELECTION IN HETEROGENEOUS WIRELESS NETWORKS T.NISHA DEVI
T037	ANALYSIS OF DUAL GATE MOSFETS USING HIGH K DIELECTRICS Patrick Chella Samuel
T038	Analysis of Single Halo Double Gate MOSFETs using high-k dielectrics Shruti K
T045	Impact of Gate Engineering on Double Gate MOSFETs using High-k Dielectrics Divya Mary Thomas
T046	AVR-USB DATA ACQUISITION NANDA KUMAR. LAKKOJU
T053	Quality improvement of signals corrupted by additive white noise using Extended Kalman filter with quantile based noise variance estimation Rayan Kutty PP
T055	An Implementation of Expert system in Garlic using (ABC) Algorithm G. MOHAMMED NAZER
T056	On Line Malayalam Handwritten Character Recognition using Wavelet transform and SFAM Primekumar K.P
T057	A NEW CONTROL SCHEME FOR UNIFIED POWER QUALITY CONDITIONER (UPQC) R.Rajasree
T062	Vision-Based Authenticated Robotic Control using Face and Hand Gesture Recognition Ankit Bhurane
T073	Bionic hand enhancement methods for precise motion Ahmad Mahdi Abedini
T077	Automatic Sleep Spindle Detection in Raw EEG Signal of Newborn Babies Sourya Bhattacharyya
T094	Planar Fractal Antennas for Wireless Devices S.Suganthi,
T095	A Novel Security Framework for Computational Grid G. Jasper W. Kathrine
T099	Multi-objective Optimization of Power, Area and Delay during High-Level Synthesis of DFG's – A Genetic Algorithm Approach S.M. Logesh

T107	PERFORMANCE EVALUATION OF FILTERS IN NOISE REMOVAL OF FINGERPRINT IMAGE K.Kanagalakshmi
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15:30 - 15:40	Coffee Break
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### Afternoon, April 9, 2011 (Saturday)

SESSION – 2 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof. Gobinath Ganapathy

Time: 15:40 – 18:10

T111	Static Power Reduction Utilizing Data Dependency in MBFA Topologies Neeraj Chasta
T112	A HIERARCHICAL METHOD FOR DETECTING CODE CLONE D.Gayathri Devi
T114	A Comparative Study of Image Super Resolution Approaches. Mrs. Nita D. Maheta
T115	ANALYSIS OF TIME TRIGGERED SCHEDULERS IN EMBEDDED SYSTEM E.Anbarasi
T116	HIGH SPEED & MEMORY EFFICIENT 2-D DWT ON XILINX SPARTAN3A DSP USING SCALABLE POLYPHASE STRUCTURE WITH DA FOR JPEG2000 STANDARD SANTU SARDAR
T122	BIOMETRIC SYSTEM DARIS BENNISON
T126	A Novel Approach of Test Case Generation for Concurrent Systems Using UML Sequence Diagram MONALISHA KHANDAI
T127	Level Control of Quadruple tank process using Discrete time Model Predictive Control T.Deepa, P.Lakshmi and S.Vidya
T128	Reliability Tactics Anil Kumar Dubey
T129	A Hybrid Filtering Technique in Medical Image Denoising: Blending of Neural Network and Fuzzy Inference Abha Choubey
T130	TEST CASE GENERATION FOR USE CASE DEPENDENCY FAULT DETECTION Goutam Budha
T134	AN EFFECTUAL THINNING ALGORITHM ARUNDHUTI CHOWDHURY
T135	Scalable and Reliable Methodology for Service Selection in Pervasive Computing

	Salaja Silas
T136	A Study on Applications of Metamaterial Based Antennas Navdeep Singh
T139	Solution of VRPTW using Controlled Random Search Technique Bhawna Minocha
T141	Real Time Simulation: A Novel Approach in Engineering Education P M Menghal
:T145	Wireless Sensor Network based Adaptive Landmine Detection Algorithm ABHISHEK SAURABH
T149	Automatic Detection and Tracking of Moving Objects in Complex Environments for Video Surveillance Applications M.T. Gopala Krishna

### Afternoon, April 9, 2011 (Saturday)

SESSION – 3 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof. K Soundararajan

Time: 13:00 – 15:30

T153	Analog Realization of Fuzzifier for IT2 Fuzzy Processor Mamta Khosla
T154	Real-Time Geo Influence in Social Networks Tushar Rao
T155	Dual Fed Circularly Polarized Patch Array Antenna for Radar Application Sanjay Khobragade
T156	Face detection in color images using Skin color model algorithm based on skin color information Chandrappa D N
T158	PID Controller for Higher Order Systems based on Maximum Sensitivity Function Satish Nikam
T160	Design Optimization for Reliable embedded system using Cuckoo Search Anil Kumar
T161	INSTRUMENTAL/SONG CLASSIFICATION OF MUSIC SIGNAL USING RANSAC ARIJIT GHOSAL
T162	A Very Fast and Low Power Carry Select Adder Circuit Samiappa Sakthikumaran
T165	A Broadband Microstrip Antenna with different Shapes of Capacitive Feed Sanjay Khobragade
T168	Implementation of Convolutional Encoder and Viterbi Decoder using Verilog HDL V.Kavinilavu
T170	SVM Based Biometric Authorization System by Video Analysis of Human Gait L.R. Sudha

T172	Fractal Tree Antenna WLAN Application Sanjay Khobragade
T173	A Morphological Generator for Kannada Based on Finite State Transducers Bhuvaneshwari melinamath
T174	OPTIMIZATION OF SENSE AMPLIFIER ENERGY RECOVERY FLIP-FLOP B. Brindha
T175	Tuning PI controllers for integrating-non minimum phase plus delay time processes. Archana Chaudhari
T 177	Performance Evaluation and Analysis of Various Inverter Systems Mohan Nerkar
T178	A Novel Low Power and High Speed Wallace Tree Multiplier for RISC Processor C.Vinoth

<b>15:30 - 15:40</b>	<b>Coffee Break</b>
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### Afternoon, April 9, 2011 (Saturday)

SESSION – 4 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof. K Soundararajan

Time: 15:40 – 18:10

T179	Design and Implementation of Real Time Pollution Free Autonomous Vehicle for Harvesting on VI platform Mr. Abhishek Shukla
T180	Photometric Attack Invariant Video Sequence Matching Debabrata Dutta
T181	Best route selection for energy efficient multipath routing in ad hoc sensor network. Debdutta Banerjee
T182	Efficient Linear Feedback Shift Register design for Pseudo Exhaustive Test Generation in BIST Nisha Haridas
T183	Simulation of Radar Topology Networks To Evolve The Electronic Warfare Survivability Metrics Namrita Waghay
T184	A Fuzzy Approach for Reputation Management in Bittorrent P2P Network Ansuman Mahapatra
T185	A New Approach for Test Set Compaction in Combinational circuits SM.Thamarai
T186	Annotation Based Classification of the PDF Document for Semantic Web Archana Shukla
T187	Dynamic Scheduler based Priority Switching in Power Quality Applications Yogendra Namjoshi
T189	Functional safety management aspects in testing of electronic braking system

	NAVINKUMAR KOTRICK
T191	REDUCED COMPARATOR LOW POWER FLASH ADC USING 35nm CMOS DHARMENDRA MANI VARMA
T194	MEDICAL IMAGE TRANSCODER FOR TELEMEDICINE BASED ON WIRELESS COMMUNICATION DEVICES SAMIT DESAI
T199	Versatile Voltage Controlled Relaxation Oscillators Using OTRA Rajeshwari Pandey
T200	Web Mining: Today and Tomorrow Gulshan Shrivastava
T201	Grounded Immittance Simulator Using Single OTRA with a Signal Processing Application Rajeshwari Pandey
T202	Cellular neural network based pre-processing for localization of non standard licence plate L N P BOGGAVARAPU
T203	Telemetry Microscope ,R.Premkumar

### Afternoon, April 9, 2011 (Saturday)

SESSION – 5 (ICECT) – Electronics Computer Technology

Venue: Conference Room 3

Session Chair: Prof. Kuppusamy

Time: 13:00 – 15:30

T204	POWER ELECTRONICS IN WIND ENERGY CONVERSION SYSTEMS– A SURVEY ACROSS THE GLOBE G. NALLAVAN
T205	A Modified Approach to Thinning of Devanagri Characters Aarti Desai
T209	A New Bus Coding Technique to minimize crosstalk in VLSI Bus Sandeep Saini
T214	Add Drop Filter for ITU-T 694.2 CWDM Systems S. Robinson
T223	Multiband PBG Suspended Patch Antenna(T223) Sanket S. Patel
T224	Miniaturized Wideband Patch Antenna Design and Analysis(T224) Dr. Yogeshwar P. Kosta
T229	Using Wireless Sensor Network in Water, Electricity and Gas industry Babak Aghaei
T10014	A NON-CONTACT TYPE RF MEMS SWITCH TO REMOVE STICTION PROBLEM V.ANURAG

T10032	Simulation of Firewall and Comparative Study V. Anantha Krishna
T10037	Model Driven approach for design and development of a safety critical system Nisha G.R
T10046	Assessment of the Dynamic Performance of Process Control Systems: A Case Study with Temperature Controller K. Balasubramanian
T10050	Dvr As Voltage Sag Restorer And Harmonics Compensator Without Zero Sequence Blocking D.Rajasekaran
T10059	Study On The Behavior Of BBO Over Natural Terrain Features Vipul Singhania
T10064	Fuzzy C-Means Algorithm for Medical Image Segmentation M.C.Jobin Christ
T10069	A Novel approach for Voltage Sag Mitigation Using FACTS Device Interline Dynamic Voltage restorer G.JUSTIN SUNIL DHAS
T10082	PERFORMANCE EVALUATION OF CHANNEL EQUALIZATION BY USING MNN FOR RAYLEIGH FADING CHANNEL P. SIVAKUMAR
T10083	MAC – MAN Sameer Gupta

15:30 - 15:40	Coffee Break
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### Afternoon, April 9, 2011 (Saturday)

SESSION – 6 (ICECT) – Electronics Computer Technology

Venue: Conference Room 3

Session Chair: Prof. Kuppusamy

Time: 15:40 – 18:10

T10085	Multiscale Geometric Analysis Based Image Quality Assessment K.Ramesh
T10100	Resource Reservation in Grid Computing Environments: Design Issues Sabitha Rani B.S
T10106	Compressing the Compound Images by Exploiting Spatial Correlation P. LAKSHMI
T10110	Computational Study on Metabolomic Consequences of Antifolate Drug Treatment and Resistance in Malarial Organisms Poduval Deepak Balakrishnan
T10112	CONTENT BASED IMAGE RETRIEVAL USING TEXTURAL FEATURES BASED ON PYRAMID-STRUCTURED WAVELET TRANSFORM Lidiya Xavier

T10113	Watermarking Techniques for IP Identification Based on Testing in SOC Design at Behavioural Level Mebin jose V.I
T10114	EMBEDDING INVISIBLE WATERMARK IN DIGITAL IMAGE USING INTERPOLATION AND HISTOGRAM SHIFTING SIMI ELIZABETH CHACKO
T10120	SCORM in Brihaspati-3 Learning Management System Nagendra Kumar Singh
T10125	Impact of Mobility models on Mobile Sensor Networks R.Alagu Pushpa
T10130	Recognizing emotions from speech Sujata P.Pathak
T10131	Analysis of Insulation Degradation in Insulators using Partial Discharge Analysis V.Padma
T10136	Fingerprint Based Multi-Server Authentication System D. Bennet
T10137	Effect of Power Avaricious Attack on MANET Routing Protocols Yogesh Sharma
T10139	Artificial Intelligence Mr.S.Pradeesh Hosea
T10140	ICA BASED INFORMED SOURCE SEPARATION FOR WATERMARKED AUDIO SIGNALS Sharanya.R
T10143	VHDL Implementation of High Performance RC6 Algorithm Using Ancient Indian Vedic Mathematics Leonard Gibson Moses .S
T10148	Health Monitoring of IT Industry People Munipriya . P

### Afternoon, April 9, 2011 (Saturday)

SESSION – 7 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. E.Ramaraj

Time: 13:00 – 15:30

S0015	Optimizing the Performance of Dynamic Composite Web Service Using Caching N.Sasikaladevi and Dr.L.Arockiam
S0043	Extended WS-FIT Model to Enhance the Fault Tolerance in the Dynamic Composite Web Service N.Sasikaladevi and Dr.L.Arockiam
S0026	A Privacy Preserving Repository for Securing Data across the Cloud Ranjita Mishra, Sanjit Kumar Dash, Debi Prasad Mishra and Animesh Tripathy
S0034	Cancelable Biometric Template Generation and Protection Schemes: a Review

	Dr.E.Chandra and Ms.K.Kanagalakshmi
S0044	Pixel Distribution Density based character recognition For Vehicle License Plate Siddhartha Choubey and Dr.G.R.Sinha
S0049	Watermarking: A Copyright Protection Tool Mrs. Rashmi G.Dukhi
S0050	Design And reduction of wattage losses in SOLAR module using AR coating, Cell-to-cell gap and thickness N Dinesh Kumar, C.Mounika, T.Sailaja and D.Mounika2
S0061	Test Case Prioritization for Regression Testing Based on Fault Dependency Md. Imrul Kayes
S0063	Applications of Wireless Sensor Network in Intelligent Traffic System: A Review Abhijit Sharma, Rituparna Chaki and Uma Bhattacharya
S0066	Secure and Efficient Key Management Scheme for Wireless Sensor Networks Rohan Nanda, Shobhit Tiwari and Dr. Venkata Krishna P.
S0067	Antispoofing Information Lost and Regained Bharat Joshi, D T V Ramakrishna Rao and Pavan Kurapati
T0069	Steganalysis: Using the blind deconvolution to retrieve the hidden data P. Jidesh and Santhosh George
S0071	Modeling and Analysis of IEEE802.11i WPA-PSK Authentication Protocol K. V. Krishnam Raju, Dr. V. Vallikumari and Dr. KSVSN Raju
S0074	Novel Block matching algorithm using Predictive motion vector for Video Object Tracking based on color histogram Mrs.N.G.Chitaliya and Prof.A.I.Trivedi
S0075	Performance Analysis of Mobile Nodes in Ad Hoc Network Using Different Wireless Communication Channel Models Bineet Joshi and Bansidhar Joshi
S0078	EERIH: Energy Efficient Routing via Information Highway in Sensor Network Indrajit Banerjee, Prasenjit Chanak, Biplab Kumar Sikdar and Hafizur Rahaman
S0079	An approach for Extracting Business Rules from Legacy C++ code Ati Jain,Swapnil Soner,Prof. Abhishek S. Rathore and Prof. Anshu Tripathi
S0084	Reverse Engineering: Journey from Code to Design Ati Jain , Swapnil Soner and Anand Gadwal

<b>15:30 - 15:40</b>	<b>Coffee Break</b>
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### Afternoon, April 9, 2011 (Saturday)

SESSION – 8 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. E.Ramaraj

Time: 15:40 – 18:10

S0086	On Experimenting with Pedestrian Classification using Neural Network R. Rajesh, K. Rajeev, V. Gopakumar, K. Suchithra and V.P. Lekshesh
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S0088	Secure Localization with Defense Against Selective Forwarding Attacks in Wireless Sensor Networks P. Pandarinath
S0089	Capability Aware AODV Algorithm in ns-2 Environment Tathagata Das, Sarbani Roy and Nandini Mukherjee
S0090	Classroom Driver Training Simulator for Main Battle Tank B. Jayaprakash, A. Shenbagamoorthy and VN Swamiraj
S0092	Design of Deterministic key pre distribution using number theory T.Kavitha, S. Jenifa Subha Priya and Dr. D.Sridharan
S0098	Design of Counters Using Reversible Logic V. Rajmohan and Dr. V. Ranganathan
S0099	A Study and Comparison of OLSR, AODV and TORA Routing Protocols in Ad Hoc Networks P.Kuppusamy, Dr.K.Thirunavukkarasu and Dr.B.Kalaavathi
S0100	Distributed Channel Assignment and Congestion Control Routing in Wireless Mesh Networks K.Valarmathi and Dr.N.Malmurugan
S0101	Systems Engineering To Conquer Complexity Raman Kumar Agrawalla
S0103	Role of Relay Node in Wireless Sensor Network: A Survey A.Vallimayil, K.M.Karthick Raghunath, V.R.Sarma Dhulipala and R.M.Chandrasekaran
S0107	Secured wireless communication for industrial automation and CONTROL S. Palanisamy, S. Senthil Kumar and J. Lakshmi Narayanan
S0109	A New Approach to Dynamic Network Routing Using Omicron Ant Colony Algorithm Om Prakash Verma, Mohit Sharam, Nimish Gupta, Pankaj Nanda and Sandeep Chawla
S0110	Signature Verification Using Radial Basis Function Classifier M.Govindarajan and RM.Chandrasekaran
S0112	Design and Implementation of a remote surveillance and monitoring system using Wireless Sensor Networks Vivek Nainwal, Pramod P.J and S.V Srikanth
S0113	Use of Semantic Web in Enabling Desktop based Knowledge Management Om Prakash Verma, Rahul Katarya, Vishal Bhargava and Nikhil Maheshwari
S0115	EFFICIENT APPROACH TO DETECT CLONE ATTACKS IN WIRELESS SENSOR NETWORKS D.Sheela,Priyadarshini and Dr. G.Mahadevan
S0117	A Dynamic Energy Efficient Multi Hop Routing Technique Using Energy Aware Clustering In Wireless Sensor Network Sanghita Bhattacharya and Subhansu Bandyapadhyay
S0120	Analysis of Quality of Object Oriented Systems using Object Oriented Metrics N. Kayarvizhy and S. Kanmani

**Morning, April 10, 2011 (Sunday)**

SESSION – 9 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof. R.Rajesh

Time: 8:30 – 10:10

T10150	Mining and Post-Mining of Time Stamped Association Rules T.Mathu
T10152	Congestion Avoidance in Multi Sink Wireless Sensor Networks using NS2 Kamal.S
T10153	Comparative Analysis of different TCP variants in a wireless environment Aditya Parab
T10154	ANALYSIS OF POWER SPECTRAL DENSITY AND DEVELOPMENT OF AN ADAPTIVE ALGORITHM FOR FILTERING WIND DRIVEN AMBIENT NOISE IN SHALLOW WATER R.Rajesh Kumar
T10159	A Novel Approach of Image Fusion on MR and CT Images Using Wavelet Transforms A. Soma Sekhar
T10162	A Novel Method for Software Effort Estimation Using Inverse Regression as firing Interval in fuzzy logic J.N.V.R.Swarup.Kumar
T10165	Partial Discharge Study by Monitoring Key Gases of Power Transformers Amit Mehta
T10171	Collaborative Filtering for Sharing the Concept Based User Profiles Misha Simon
T10173	Architectural Implementation of High Speed Optical Flow Computation Based on Lucas-Kanade Algorithm Sathya Kalyan T.R
T10174	An Advanced Scratch Removal Method for Fingerprint Biometrics B.Sivagami
T10175	Techniques for Generating Initial Codebook for Vector Quantization S.Vimala
T10194	Scientific Chart Image Property Identification by Connected Component Labeling in PDF Files S.Nagarajan
T10195	Redundant Data Management in Unstructured Peer-to-Peer Networks Miss Shree Gowri S.S
T10209	Classification based Feature Selection for Health Care Systems using Machine Learning Techniques K Selvakuberan
T10218	Design and Implementation of A Novel Remote Metering System using USB GPRS/EDGE Modem Md. Shams Arman Rupok

T237	Improved Minimum Total MSE Transceiver Design with Imperfect CSI at Both Ends of a MIMO Link Kamalakar.Sanka
T242	Experimental Measurement of Shaft Voltage and Bearing Current in an Inverter Fed Three Phase Induction Motor Drive. A.Ramachandran

<b>10:10 - 10:20</b>	<b>Coffee Break</b>
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### Morning, April 10, 2011 (Sunday)

SESSION – 10 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof. R.Rajesh

Time: 10:20—12:00

T246	Minimum Enclosing Square or Rectangle revisited Priya Ranjan Sinha Mahapatra
T257	Performance prediction of OFDM based Digital Audio Broadcasting system using Channel protection mechanisms Arun Agarwal
T262	Ayur-Informatics: Establishing an in-silico-ayurvedic remedy for Harlequin Ichthyosis Preenon Bagchi
T392	Comparative Study and Characterisation Of Characterisation Of Serine Protease From Bacillus Lichiniformis (MTCC) And Bacillus megaterium Rajesh.T.S
T265	Implementation of Distributed ROCK algorithm for clustering of large categorical datasets and its performance analysis Anil Patidar
T266	Classical Knapsack to Geometric Knapsack: A Journey Priya Ranjan Sinha Mahapatra
T271	Neural Network based classification for Orthopedic conditions diagnosis using Grey Level Co-occurrence probabilities J.Jagapriya
T274	Implementation of Image Processing in Real Time Traffic Light Control Ms. Pallavi Choudekar
T275	Real Time Car Parking System Using Image Processing Ms. Sayanti Banerjee
T282	RS485 based multi axis motor controller M R Jathar
T287	Evaluation of Performance Characteristics of a Brushless DC Motor Fed by a Five-Level Inverter

	Vahid Reza Nikzad
T288	Scaling k-medoid Algorithm for Clustering Large Categorical Dataset and its Performance Analysis Ritesh Joshi
T293	Reliability Evaluation of Bangladesh Power System Using Cumulant Method Shahriar Ahmad
T298	DESIGN AND EXPERIMENTAL INVESTIGATION OF A FULL BRIDGE SERIES-PARALLEL RESONANT INVERTER S.Selvaperumal
T299	Hash based Biclustering for Class Discovery from Gene Expression Data : A Pattern Similarity Approach Debahuti Mishra
T302	CALIBRATION OF U-TUBE MANOMETER USING FREQUENCY ESTIMATION TECHNIQUE IN LABVIEW PEARLY JACOB
T304	Effects of Elevated Junction Temperature on the RF-Properties of Optimised IMPATTs: Estimation of Frequency Chirp-Bandwidth During Pulsed-Operation Diptadip Chakraborty
T305	SOPE: Self-Organized Protocol for Evaluating Trust in MANET using Eigen Trust Algorithm Sudharson Kumar

### **Morning, April 10, 2011 (Sunday)**

SESSION – 11 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof. M.Mohamed Sathik

Time: 8:30—10:10

T309	Reactive Power Compensation for Large Disturbance Voltage Stability using FACTS controllers Naveen Kumar Gutha
T310	DESIGN AND PERFORMANCE ANALYSIS OF NOVEL BOOST DC-AC CONVERTER Menaka S
T311	Nested Mechanism for Mutual Authentication Sridhar S
T312	ANALYSIS OF AC/AC CONVERTER WITH ENHANCED POWER QUALITY SARANYA PARAMASHIVAM
T314	Solving Vehicle Routing and Scheduling Problems using Hybrid Genetic Algorithm Bhawna Minocha
T315	Image Retrieval with Rotation Invariance P. Surya Prasad
T319	Detection of Abandoned Objects in Real Time

	Jagdish Lal Raheja
T322	A Signal-to-noise classification model for identification of Differentially Expressed Genes from Gene Expression Data Debahuti Mishra
T325	Feature Reduction Using Principal Component Analysis for Agricultural Dataset Debahuti Mishra
T326	Ruggedisation Methodologies for GPS based Vehicle Tracking System Shreenivas R. Jog
T327	Hybrid Control Voltage Regulator for Switched Capacitor Based embedded DC-DC Buck Converter Biswajit Maity
T332	An Online Recommendation System Based On Web Usage Mining and Semantic Web Using LCS Algorithm Sneha Y.S
T334	Automated Diagnosis Of Age-Related Macular Degeneration From Color Retinal Fundus Images R.PRIYA KANDAN
T336	Design of control for the unmatched uncertain systems to achieve asymptotic stability P. D. Shendge
T337	OPTIMIZED SHIFT REGISTER DESIGN USING REVERSIBLE LOGIC T.NAGAPAVANI
T338	Implementation of Synchronous Reference Frame Strategy based Shunt Active Filter Jeeva S. Pridaaa
T339	Industrial Grade Wireless Base Station for Wireless Sensor Networks Senju Thomas Panicker
T344	DPASS – Dynamic Password Authentication and Security System using Grid Analysis Roopak .V
T346	Denoising the Signals using Kalman Filter for Target Tracking in Wireless Sensor Networks R. Sangeetha
T347	Enhancing K-means and Kernelized Fuzzy C-means Clustering with Cluster Center Initialization in Segmenting MRI brain images Hema Rajini N

<b>10:10 - 10:20</b>	<b>Coffee Break</b>
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### **Morning, April 10, 2011 (Sunday)**

SESSION – 12 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof. M.Mohamed Sathik

Time: 10:20—12:00

T 349	Recognition of Handwritten Malayalam Characters using Vertical & Horizontal Line Positional Analyzer Algorithm M Abdul Rahiman
T350	A Supervisory Hierarchical Fuzzy Logic controller for Power System Stabilizer Mr.M.Vijayaraghavan
T351	Design and Simulation of Five Level Cascaded Inverter using Multilevel Sinusoidal Pulse Width Modulation Strategies Manimala V
T353	A Rough Set based Novel Biclustering Algorithm for Gene Expression Data J. Jeba Emilyn
T355	Statistical Texture Feature-based Retrieval and Performance Evaluation of CT Brain Images Krishna A N
T356	Effects of S/D doping concentrations on strained SiGe vertical I-MOS characteristics Divya Pogaku
T358	Design and Analysis of Low Power 1-bit Full Adder Cell Deepa Sinha
T359	Edge Detection: A Statistical Approach Soumajit Pramanik
T360	Behavioral Modeling Of Switched Capacitive Interfacing Circuitry Using MATLAB/SIMULINK A.SWETHA PRIYA
T361	Optimization of Ring Parameters of Artificial Magnetic Resonators using Swarm Intelligence and Hybrid Genetic Algorithm V Naren Sreenivas
T363	An E-SMOTE Technique for Feature Selection in High-Dimensional Imbalanced Dataset T.DEEPA
T365	Power Management in SoC using CPF Lakshmi M S
T367	Energy Efficient 1.8 V Step Down DC/DC Converter in 0.18 $\mu\text{m}$ CMOS Technology with optimized silicon area. Dr. T. Laxminidhi
T375	GNU/Linux Shell Access Through a Web-Browser for an Embedded Linux E-Learning System Suchakrapani Datt Sharma
T376	Low-Cost Subcutaneous Vein Detection System using ARM9 based Single Board Computer Tanushri Chakravorty
T378	Designing Cassegrainian Reflector and Feed System for a Cloud Radar : The Minimum Blockage Condition Krunal Patel
T380	KOYAL - A MULTI-PURPOSE EXPERT SYSTEM - MD-COB-COA KNOWLEDGE REPRESENTATION USING PROLOG IN J2SE.

	VEENA .R
T381	A Hybrid Approach using Majority Voting for Signature Recognition M. Maniroja

### Morning, April 10, 2011 (Sunday)

SESSION – 13 (ICECT) – Electronics Computer Technology

Venue: Conference Room 3

Session Chair: Prof. E.R.Naganathan

Time: 8:30 – 10:10

T382	Fuzzy Pattern Tree approach for Mining Frequent patterns from Gene Expression data Debahuti Mishra
T383	A MODEL-BASED PRIORITIZATION TECHNIQUE FOR COMPONENT BASED SOFTWARE RETESTING USING UML STATE CHART DIAGRAM. SANJUKTA MOHANTY
T390	Tuning Parameters of AODV Routing Protocol for Improved Performance in Volcano Monitoring A.Pravin Renold
T395	APPLICATION OF ADAPTIVE CONTROL TECHNIQUE TO INTERACTING NON-LINEAR SYSTEMS RAVI .V.R
T399	ENHANCED IMAGE SECRET SHARING VIA ERROR DIFFUSION IN HALFTONE VISUAL CRYPTOGRAPHY Nitty Sarah Alex
T400	SHAPE MEMORY ALLOY ACTUATED ARM FOR TRAVERSING COMPLEX TRAJECTORIES AMAN ARORA
T402	Wavelet Packet Analysis for Reducing the Effect of Spectral Masking to Improve Auditory Perception PRAVIN A.DHULEKAR
T404	A Fuzzy based Congestion Controller for 3G Networks Arun Khosla
T405	Secured Selective Encryption Algorithm for MPEG-2 Video Mukut Roy
T406	Automatic Road Extraction using High Resolution Satellite Images based on Level Set and Mean Shift Methods Rajeswari M
T241	Double Gate MOSFET and its Application for Efficient Digital Circuits Santosh Kumar Gupta
T407	3D-TCAD Simulation Study of an Electrically Induced Source/Drain Cylindrically Surrounding Gate MOSFETs for reduced SCEs and HCEs Santosh Kumar Gupta
T409	A Model of Algorithmic Approach to Itemsets Using Association Rules

	Balaji Raja .N
T413	NEURAL NETWORK BASED IRIS RECOGNITION SYSTEM USING HARALICK FEATURES BIBHAS CHANDRA DHARA
T414	An Effective Technique to Detect Forest Fire Region Through ANFIS with Spatial Data K Angayarkkani
T415	Sampled sinusoidal oscillator using the switched current technique VishnuVardhan Reddy J
T419	Bilingual OCR System for Printed Documents in Malayalam and English M Abdul Rahiman
T420	Automated Object Recognition and Pattern Matching Analysis of Runways using Surface Track Data M Abdul Rahiman

<b>10:10 - 10:20</b>	<b>Coffee Break</b>
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### **Morning, April 10, 2011 (Sunday)**

SESSION – 14 (ICECT) – Electronics Computer Technology

Venue: Conference Room 3

Session Chair: Prof. E.R.Naganathan

Time: 10:20—12:00

T426	Ontology Based Relevance Criteria for Semantic Web Search Engine J.Anitha Josephine
T428	Localization of non-standard licence plate using morphological operations - An Indian context J K Munagala
T430	Partial Transmit Sequence With Convolutional Codes For Reducing The PAPR Of The OFDM Signal Pallavi Hajela
T432	A Novel Design Approach for Low Pass Finite Impulse Response Filter Based on Residue Number System. Pallab Maji
T433	A Low Voltage High Output Impedance Bulk Driven Regulated Cascode Current Mirror Naresh Lakkamraju
T434	Steganography Using the Twelve Square Substitution Cipher and an Index Variable Gandharba Swain
T435	Performance Analysis and Channel Characterization of Indoor Infrared Wireless Communication Prakash H. Patil

T436	ECG Signal Denoising Using Undecimated Wavelet Transform V Naga Prudhvi Raj
T440	Survey of channel assignment scheme in wireless mesh network Vinay S Kapse
T441	Algorithm for Priority Based Concurrency Control without Locking in Mobile Environments Mohammed Khaja Nizamuddin
T443	A Novel Algorithm for Spectrum Sensing using Adaptive Wavelet Edge Detection Scheme Shri Hari R R
T445	Low Power and Area Efficient Implementation of N-Phase Non Overlapping Clock Generator Using GDI Technique Om Prakash Hari
T446	An overview of personalization in web search Indu Chawla
T447	Space Time Coding for Power Line Communication Rajeshwari Itagi
T448	Impact of Power System Harmonics on Insulation Failure of Distribution Transformers and its Remedial Measures. Prof. Sanjay A. Deokar
T450	Design of Discrete Time Sliding Mode Control for Systems Using Inertial Delay Control P. D. Shendge
T454	Graphical Analysis of MC/DC using Automated Software Testing Porshia Mitra
T455	Application of AHP to Support Information Security Decision Making in Case of Indian e-government Systems MAYUR GAIGOLE
T456	POWER ANALYSIS AND DIAGNOSIS OF FAULTS IN VLSI CIRCUITS Badita Kalivaraprasad

12:00 - 13:00

Lunch Break

### Morning, April 10, 2011 (Sunday)

SESSION – 15 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. J.Satheesh Kumar

Time: 8:30 – 10:10

S0122	Reversible Arithmetic Logic Unit Y. Syamala and A. V. N. Tilak
S0124	Optimized Isomap Algorithm using Similarity Matrix Chittaranjan Pradhan and Shashwati Mishra

S0125	Automated Generation of Test Cases from Output Domain of an Embedded System using Genetic Algorithms Chandra Prakash Vudatha, Sateesh Nalliboena, Balakrishna Kamesh Duvvuri, Dr. Sastry KR Jammalamadaka and Dr. Reddy LSS
S0130	Hysteric Optimal Policy of Servers in Front Room and Back Room with Switching Time and Switching Cost D. Arivudainambi and V. Poongothai
S0241	Cross Trained Workers with Switching Points, Switching Cost and Optional Feedback D. Arivudainambi and V. Poongothai
S0134	Enterprise Application Integration (Middleware): Integrating stovepipe applications of varied enterprises in distributed middleware with Service Oriented Architecture Usha Batra and Saurabh Mukharjee
S0139	A Weak Stability Result for Jungck-Mann Iteration Bhagwati Prasad and Ritu Sahni
S0140	HCM-AMBASSADOR DISPATCHING AND SEEKING METHODS IN MANETS D.M.D.Preethi
S0143	“ Understanding the Productivity a of Software development ” – A Developer View Kardile Vilas Vasantrya
S0149	Migrate Web Documents into Web Data Dr.V. Karthikeyani and K. Karthikeyan
S0151	Pattern Based Network Security using Decision Trees and Support Vector Machine Mr. V. K. Pachghare and Parag Kulkarni
S0154	E-shaped Patch Antenna Analysis for Multiple Applications Sanket S. Patel , Dr. Himanshu B. Soni, Dr. Yogeshwar P. Kosta and Shobhit K. Patel
S0158	Information Retrieval in Mobile Phones using Snippet Clustering Methods W. Aisha Banu, Dr. P. Shiek Abdul Khader and Dinesh Mavaluru,
S0159	Offline Signature Verification using Geometric and Orientation Features with Multiple Experts Fusion Dakshina Ranjan Kisku, Ajita Rattani, Phalguni Gupta and Jamuna Kanta Sing
S0164	An Efficient Web Page Prediction Based on Access Time-Length and Frequency R.Khanchana and Dr.M. Punithavalli
S0166	Enhanced Slotted Aloha Akassh A Mishra
S0167	Network Intrusion Detection based on Attack Pattern Mr.Deepak D. Kshirsagar, Dinesh K. Tagad, Sachin S.Sale and Ganpat Khandagale
S0173	Dental Contour Extraction using ISEF Algorithm for Human Identification Deven N Trivedi and C K Modi

10:10 - 10:20

Coffee Break

**Morning, April 10, 2011 (Sunday)**

SESSION – 16 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. J.Satheesh Kumar

Time: 10:20—12:00

S0174	Analysis of a Single Server Retrieval Queue with General Retrieval Times, Two Phases of Service, Balking and Bernoulli Vacation D. Arivudainambi and P. Godhandaraman
S0242	Analysis of a Single Server Batch Markovian Arrival Process with Feedback D. Arivudainambi and P. Godhandaraman
S0175	A Survey of Nature Inspired Routing Algorithms for MANETs Vivekanand Jha, Kritika Khetarpal and Meghna Sharma
S0178	Service Composition Middleware for Pervasive Computing P. Kumaran and Dr. R. Shriram,
S0182	A Novel Approach for Cross Language Information Retrieval B.Manikandan and Dr. R. Shriram
S0184	A Note on Rough Set Theory C. Thilagavathy and R. Rajesh
S0195	Chemoinformatics – A Quick Review V. Arulmozhi and R. Rajesh
S0200	Data Mining of WHO Data Warehouse with PASW Modeler Shraddha Masih, Dharmendra Pathak, Shruti Dubey and Neha Rahatekar
S0203	Comparative Performance Analysis of LANMAR, LAR1, DYMO and ZRP Routing Protocols in MANET using Random Waypoint Mobility Model Dinesh Singh, Ashish K. Maurya and Anil K. Sarje
S0205	A New Architecture for the Generation of Picture Based CAPTCHA S. Benson Edwin Raj ,Deepa Devassy and Jiji Jagannivas
S0208	Enhanced Adaptive Data Cache Invalidation Approach For Mobile Ad Hoc Network N. Sabiyath Fatima and Dr. P. Sheik Abdul Khader
S0209	Connectionist Learning of Weights for k-NN Retrieval Ananda Rabi Dhar
S0211	Implementation of CELP CODER and to evaluate the performance in terms of bit rate, coding delay and Quality of speech Milind Tandel, Vandana Shah and Bhavina Patel
S0212	Mutation Based Simulated Annealing Algorithm for Minimizing Makespan in Grid Computing Systems Wael Abdulal, Ahmad Jabas, S. Ramachandram and Omar Al Jadaan
S0215	A Note on Fingerprint Recognition Systems B. Shanmuga Priya and R. Rajesh
S0217	Queuing Delay Aware Path Selection Algorithm As Extension to OSPF Ashwini J P, Sushma M and Dr. Sanjay H A
S0221	SERVICE SELECTION BASED ON STATUS IDENTIFICATION IN SOA Neelavathi, Dadapeer and K. Vivekanandan

S0222	Throughput analysis of IEEE 802.11e EDCA under Non Saturation Condition G.Prakash and P.Thangaraj
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12:00 - 13:00	Lunch Break
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### Afternoon, April 10, 2011 (Sunday)

SESSION – 17 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof Ramesh kumar

Time: 13:00—15:30

T464	An improved scheduling heuristic algorithm for no-wait flow shops on total flow time criterion Sagar U. Sapkal
T469	Testing efficiency exploited: Scripted versus Exploratory Testing Prakash.V
T479	System Performance Analysis of the Input-parallel and Output-series Full-bridge Converters Considering Parameter Difference Linbing Wang
T480	Novel Approach for Detecting Applause in Continuous Meeting Speech C. Manoj
T481	COMPARISON OF DIFFERENT WAVELETS FOR WATERMARKING OF COLORED IMAGES RUDRA PRATAP SINGH
T484	Design and Hardware Implementation of Model Following Sliding Mode Control with Inertial Delay Observer for Uncertain Systems S. B. Phadke
T485	Decentralized Sliding Mode Control for Perturbed Nonlinear Large Scale Systems with Variable Time Delay in Interconnections Based on Inertial Delay Control S. B. Phadke
T20008	FUNDAMENATAL OF ACTIVE NOISE CONTROL FOR LOCAL CANCELLATION OF NOISE Pathak, Padma Pralhad Hirave
T20024	DEVELOPMENT OF PID CONTROLLER ALGORITHM OVER FPGA FOR MOTOR CONTROL IN FAILED FUEL LOCATION MODULE IN INDIAN FAST REACTORS M.Sivaramakrishna
T20033	BRAIN DISORDER DETECTION USING ARTIFICIAL NEURAL NETWORK A.RAJARAJAN
T20034	Personalized Query Expansion based on Phrases Semantic Similarity J.Jayanthi
T20042	Performance of LTE Downlink Scheduling algorithm with load

	Jitesh Ratan
T20047	Distributed Temperature Monitoring System for IVF Laboratory M.A.Joshi
T20051	Algorithm for State Estimation and Network Error Identification with Phasor Measurements S.Balasubramani
T20052	A Heuristic Approach for Component Selection of Low Power Micro sensor Nodes based on Simple Energy Model Neeraj Sharma
T20058	Soft Computing Tool Approach for Texture Classification Using Discrete Cosine Transform Pankaj H. Chandankhede
T20061	SELECTOR: An Intelligent Evaluation System for Routing Protocols in Wireless Ad Hoc and Sensor Networks MOHAMMAD JALIL PIRAN
T20063	Theoretical and Experimental study of cooking regions for shell eggs in a domestic Microwave oven R.SATISH KUMAR

<b>15:30 - 15:40</b>	<b>Coffee Break</b>
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### Afternoon, April 10, 2011 (Sunday)

SESSION – 18 (ICECT) – Electronics Computer Technology

Venue: Conference Room 1

Session Chair: Prof Ramesh kumar

Time: 15:40—18:10

T20069	Maintaining the Secrecy in Visual Cryptography Schemes Divya .A
T20073	Ontology Based Web Search Results Visualization Using BSDSC S.Prema
T20076	Low Power, Intelligent, Mobile, Home Security System for the Elderly People Ramesh Nammily Nair
T20077	Automated Wireless Carpooling System for an Eco-friendly Travel Ramesh Nammily Nair
T20080	VLSI Architectural Framework for Area/Power Performance Tuning J. Kanaka Deva Princy
T20081	Clock Period Optimization Technique Using Multiple Clocking Domains K.Mariya Priyadarshini
T20093	Study and Diagnosis of Key Gases to assess Condition of Power Transformers Amit Kumar Mehta
T20106	Prediction of Software Project Effort Using Fuzzy Logic

	Mohd. Sadiq
T20109	Optical LAN with WDM Iltapawar T.L
T20122	DETECTION OF POSTURE AND MOTION BY ACCELEROMETER SENSORS CHRISON JOIAKIM JAMES
T20127	Trust Calculation in Wireless Sensor Networks N.karthik
T20128	Efficient Design for Transistor Level AND Function Km. Deepmala
T20129	Comparative Study Of Mathematically Modelled High Electron Mobility Transistors and Silicon Nanowire Transistors. Neema Menon S
T20145	Realization of Magnetic RAM using Magnetic Tunneling Junction in atomic level I. Blessing Meshach Dason
T20147	Fuel cell based interleaved current-fed boost converter with improved input current sharing Sumathy. P
T20149	Data Clustering Algorithms Based On Swam Intelligence Pankaj K. Bharne
T20150	Asymmetric Dual Half-Bridge PWM-FM Converter with Quad Regulated Outputs R. Dhanalakshmi
T20152	Current Trends and Future Challenges in Wireless Telemedicine System Sujitha Juliet Devaraj
T20155	A Novel Image Denoising Algorithm for Suppressing Mixture of Speckle and Impulse Noise in Spatial Domain. Akshat Jain

### Afternoon, April 10, 2011 (Sunday)

SESSION – 19 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof K.C.Ravindranathan

Time: 13:00—15:30

T20159	SIGNIFICANCE OF SEGMENTATION IN PHONEME BASED TAMIL SPEECH RECOGNITION SYSTEM S.HARISH
T20160	DETECTION AND CLUTTER SUPPRESSION USING FUSION OF CONVENTIONAL CFAR AND TWO PARAMETER CFAR L.DONISHA GREET
T20163	An Improved Three-Factor Authentication Scheme Using Smart Card with Biometric Privacy Protection Harlay Maria Mathew
T20166	AREA OPTIMIZED LOW POWER ARITHMETIC AND LOGIC UNIT

	T. Esther Rani
T20173	Pothable Biofeedback Device For Rehabil,itation Children With Scoliosis Between Ages of 3-10 years and their Posture Correction Archibald D
T20191	Load balancing Strategies for Grid Computing Jagdish Chandra Patni
T20195	Performance Analysis of Integer Wavelet Transform for Image Compression Kapil Jain
T20199	Developing a Dynamic web recommendation system based on Incremental Data Mining. Utpala Niranjana
T20202	Efficient Techniques for Denoising of Speckle and Highly Corrupted Impulse Noise Images D. Hari Hara Santosh
T20204	Performance of Decoding algorithms in multiple antenna systems AMMU.I
T20205	EFFICIENT TOOL FOR FACE DETECTION AND FACE RECOGNITION IN COLOR GROUP PHOTOS A.ROBERTSINGH
T20209	Protecting Peer-To-Peer Networks from the Denial of Service Attacks G, Senthil vadivu
T20220	A Study on Optimized Power Consumption Routing in Wireless Sensor Networks K.Arulmozhi
T20223	VLSI Implementation of Nonlinear Variable Cutoff Highpass Filter Algorithm Kalai priya.O
T20224	Data Mining Challenges and Knowledge Discovery in Real Life Applications saurabh singh
T20226	AREA AND POWER OPTIMIZED MULTIPLIERS WITH MINIMUM LEAKAGE T. Esther Rani
T20228	Computationally Efficient Speaker Identification System Using AMDF and LPC M Hanuma Teja

<b>15:30 - 15:40</b>	<b>Coffee Break</b>
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### Afternoon, April 10, 2011 (Sunday)

SESSION – 20 (ICECT) – Electronics Computer Technology

Venue: Conference Room 2

Session Chair: Prof K.C.Ravindranathan

Time: 15:40—18:10

T20229	Noiseless MOS Parametric Amplification In Pipeline ADC D. David Rajendra Prasad
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T20237	A Proficient Vocal Training System with Pitch Detection using SHR Lineeta Gloria
T20242	Speaker Identification using PYKFEC and AANN Synthiya Vinothini. D
T20245	A Confidence Measure based – Score Fusion Technique to Integrate MFCC and Pitch for Speaker Verification Nisha Rachel Keziah. H
T20246	Sinkhole Detection in Mobile Ad-Hoc Networks using Mutual Understanding among Nodes Jeba Veera Singh Jebadurai
T20251	Evaluation of Osteoporosis using CT image of Proximal Femur Compared with Dual energy x-ray absorptiometry (DXA) as the Standard A Vijay
T20259	Comparison of singh index accuracy and dual energy x ray absorptiometry in post-menopausal women for evaluating osteoporosis N Shankar
T20261	Estimation of Bone Mineral Density from the Digital Image of the Calcaneum Bone C Aroba Sahaya Ligesh
T20284	Study of Sierpinski Triangle Gasket Ashish A. Lale
T20287	SECURING WIRELESS SENSOR NETWORK USING DEPLOYMENT KNOWLEDGE BASED KEY PREDISTRIBUTION L. CHERLYFLAR
T20316	LOCAL AND SPATIAL INFORMATION BASED FUZZY C-MEANS CLUSTERING FOR COLOR IMAGE SEGMENTATION Santhalakshmi S
T20321	FPGA Implementation of AES Algorithm Mr. Atul M. Borkar
T20327	CONTENT DEPENDENT DATA HIDING ON GSM FULL-RATE ENCODED IMAGE M.VINOTH KUMAR
T20329	CLASSIFICATION OF CUSTOMER CREDIT DATA FOR INTELLIGENT CREDIT SCORING USING FUZZY SET AND MC2-DOMAIN DRIVEN APPROACH P.MARIKKANNU AND K.SHANMUGAPRIYA
T20335	Performance Analysis Of Exterior(Outer) Rotor Permanent Magnet Brushless Dc (ERPMBLDC) Motor By Finite Element Method MS.K.UMADEVI
T20336	Improved Design of Low Power Column Bypass Multiplier using FPGA Mr. Tushar V. More
T20118	Diagonal Based Feature Extraction For Handwritten Character Recognition System Using Neural Network J.PRADEEP
T20252	SIMULATION AND ANALYSIS OF AORTIC BYPASS SURGERY USING

	COMPUTATIONAL FLUID DYNAMICS BEENUTTY K P
T20253	EVALUATION OF MANDIBULAR RECONSTRUCTION PLATE USING FINITE ELEMENT ANALYSIS3 BLESSY CHAND
T20254	FINITE ELEMENT ANALYSIS OF HUMAN LUMBAR SPINE DIVYA VARUGHESE
T20267	FINITE ELEMENT ANALYSIS OF FRACTURED FINGER WITH IMPLANT FIXATION USING MIMICS Saumya Soman

### Afternoon, April 10, 2011 (Sunday)

SESSION – 21 (ICNCS) –Network and Computer Science

Venue: Conference Room 3

Session Chair: Prof. Gobinath Ganapathy

Time: 13:00—15:30

S0224	Reconstruction of genome-scale metabolic pathway in <i>Aspergillus terreus</i> NIH2624 Thankaswamy Kosalai Subazini and Gopal Ramesh Kumar
S0225	A domain specific Heuristic Algorithm for Broadcast Scheduling problem in Wireless Multihop Networks D. Arivudainambi and D.Rekha
S0226	Enhanced 3-Way Handshake Protocol for Key Exchange in IEEE 802.11i Dinesh Yadav and Anjali Sardana
S0230	Network Selection in Heterogeneous Wireless Networks Based on Fuzzy Multiple Criteria Decision Making K. Radhika and Dr. A.Venu Gopal Reddy
S0233	Performance of Possible Combinations of Detection Schemes with V-BLAST for MIMO OFDM Systems Deepa.R, Iswarya S, Divya Shri.G, JaganyaVasan.P, P.Mahathi Keshav and Senthil Murugan S
S0236	A Unified Framework For Face Recognition By Using Sparse Representation S.Abijah Roseline and A.Srinivasan
S0237	A Novel Design For Face Recognition System Using Dual Tree Complex Wavelet Transform C.Devi Priya and A.Srinivasan
S0250	A Functional Taxonomy of SMSbIR Systems Manish R. Joshi and Varsha M. Pathak
S0257	Frequent Queries Identification for Constructing Materialized Views T.V. Vijay Kumar and Kalyani Devi
S10022	Constructing Inter-domain Packet Filters To Control IP Forging Srinivas Aluvala and P.Srinivas Rao
S10024	Energy Efficient Reliable Routing Protocol for Mobile Ad hoc Networks

	G.Madhukar Rao,M.Nadeem Baig,Md. Fareed Baba and k.kanathi kumar
S10043	RDCLRP-Route Discovery by Cross Layer Routing Protocol for Performance Improvement Mehajabeen Fatima, Roopam Gupta and T.K.Bandhopadhyay
S10058	Decorator Pattern with XML in Web Application Vijay K Kerji
S10117	SINR Based Routing For Mobile Ad-hoc Networks Rekha Patil and Vijay K Kerji
S10065	Dual Resonant Aperture Coupled Microstrip Antenna Subodh Kumar Tripathi and Anuj Sharma
S10073	Implementation of Context Free Languages in Universal Turing Machines MAHESHWARI.A and Dr.M.A.DORAIRANGASWAMY
S10079	Low Power Design Techniques Applied to Pipelined Parallel and Iterative CORDIC Design Ramesh Bhakthavatchalu and Parvathi Nair
S10085	An Improved Non-Linear Transformation Function for Enhancement of Mammographic Breast Masses Vikrant Bhateja and Swapna Devi

<b>15:30 - 15:40</b>	<b>Coffee Break</b>
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### Afternoon, April 10, 2011 (Sunday)

SESSION – 22 (ICNCS) –Network and Computer Science

Venue: Conference Room 3

Session Chair: Prof. Gobinath Ganapathy

Time: 15:40—18:10

S12113	A Novel Framework for Edge Detection of Microcalcifications using a Non-Linear Enhancement Operator and Morphological Filter Vikrant Bhateja and Swapna Devi
S10086	Architecture for Precise Face Recognition System Deploying Quantization with Multiresolution Curvelet and Training with Support Vector Machine Mr.K.N.Narasimha Murthy and Dr.YS Kumaraswamy
S10089	Solution to Dynamic Web Service Composition related to QoS G. Vadivelou and Dr. E. Ilavarasan
S10093	ENHANCED PERFORMANCE FEATURES -IEEE 802.16 COMPARED TO OTHER WIRELESS TECHNOLOGIES. S. Uma, Dr. S.P. Shantharajah
S10105	An Efficient Cryptographic Approach for Secure Policy Based Routing (TACIT Encryption Technique) Prosanta Gope, Ajit Singh, Ashwani Sharma and Nikhil Pahwa,,
S10106	Grid based Virtual Visualization and Web Services Model

	R.Manavalan, Subrata Chattopadhyay, Mangala, Sundararajan and Kishor Gupta
S10122	Reliable Communication for MANETS in Military through Identification and Removal of Byzantine Faults R.Sivakami and Dr.G.M.Kadhar Nawaz
S10123	An Enhanced Face Recognition with Modular Locally Discriminating Projection Venkatrama Phani Kumar S, K.V.K Kishore and K. Hemantha Kumar
S10125	Content Based Image Retrieval System for Malayalam Handwritten Characters Simily Joseph, Jomy John, Kannan Balakrishnan, Pramod K. Vijayaraghavan
S10131	Prevention of Sleep Deprivation Attacks using clustering Manasi Sarkar and Debduitta Barman Roy
S10133	A New Sampling Technique and SVM classification for Feature selection in High-Dimensional Imbalanced dataset T.DEEPA and Dr.M.PUNITHAVALLI
S10134	Performance Analysis Of Data Encryption Algorithms O P Verma, Ritu Agarwal, Dhiraj Dafouti, Shobha Tyagi
S10157	A Novel Approach to Prune Mined Association Rules in Large Databases D.Narmadha, G.NaveenSundar, S.Geetha
S12011	Convolutive Blind Source Separation for Mixed Audio signals using lifting Schemes Jerine Rini rosebell.V, Sugumar.D, Donald Justin.J.S, Nevil Paul.M and Vivek Suthin Wesley.T
S12012	A Novel Approach for Clustering E-mail Users Using Pattern Matching Syeda Farha Shazmeen and Jayadev Gyani
S12015	A New Paradigm Using Proxy Server to Mitigate Inference Anuradha.S and Iswarya.T,
S12017	Counter Measures against Evolving Search Engine Spamming Techniques Anriksha Somani and Ugrasen Suman
S12030	Cloud Computing Concepts M.Malathi

### Afternoon, April 10, 2011 (Sunday)

SESSION – 23 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. K Soundararajan

Time: 13:00—15:30

S12034	Generation of Ontology Based User Profiles for Personalized Web Search Jayanthi .J, Dr.K.S.Jayakumar and Sruthi Surendran
S12039	Multi Objective Mobile Robot Path Planning Based on Hybrid Algorithm S.Geetha, G.Muthu Chitra, V.Jayalakshmi
S12050	Medical Image Segmentation Using Multi Resolution Histogram T.k. Ganga and Dr. V.karthikeyani
S12051	Ant Colony Algorithm in MANET-Local link repairing of AODV

	Jyoti Jain, Roopam Gupta and T.K.Bandhopadhyay
S12065	Detection and Characterization of Brain Tumor Using Segmentation based on HSOM, Wavelet packet feature spaces and ANN V.P.GLADIS PUSHPA RATHI and Dr.S.PALANI
S12066	Discovering Vulnerability To Build A Secured System Using Attack Injection. A.Vijayakumar and G.A.Muthuchelvi
S12074	Voice Over Intranet Based Private Branch Exchange System Design Sandeep Sonaskar and Shubhangi Giripunje
S12086	Performance analysis of flexible zone based features to classify Hindi numerals Pratibha Singh , Ajay Verma and Narendra S. Chaudhari
S12094	STUDY ON ZIGBEE TECHNOLOGY Muthu Ramya.C, Shanmugaraj.M and Prabakaran.R
S12097	Modeling of Photovoltaic Array and Simulation of Adaptive Hysteresis Current Controlled Inverter for Solar Application Dr. D. Devaraj, Dr. S.Sakthivel and Mrs. K.Punitha
S12098	An Energy Efficient Deployment of Nodes in Wireless Sensor Network using Voronoi Diagram Ms.Mitali R. Ingle and Dr. Narendra Bawane
S12099	Accessing Relevant Images: Fuzzy K-Means Priya Premkumar and J. Anitha
S12100	Traffic Aware Energy Efficient Routing Protocol Ms.Gunjan Mankar and Ms.Sonali T. Bodkhe
S12101	Perspective Study on Resource level Load balancing in Grid Computing Environments Lalitha Hima Bindu.P., Venkatesan R.,Ramalakshmi.K.
S12103	Termination Detection in Delay Tolerant Networks Shivendra Katiyar and Sushanta Karmakar
S12105	A New Paradigm Using Proxy Server to Mitigate Inference Anuradha.S and Iswarya.T,
S12109	ANN Prediction Tool for ReHeater and SuperHeater Sprays in Boiler Performance Dr. K.S. Madhavan, Ms. P. Prasanna, Mrs. Thenmozhi Varman, Mr. R. Dhanuskodi and Mr. S. Arumugam

15:30 - 15:40

Coffee Break

### Afternoon, April 10, 2011 (Sunday)

SESSION – 24 (ICNCS) –Network and Computer Science

Venue: Conference Room 4

Session Chair: Prof. K Soundararajan

Time: 15:40—18:10

S12115	“FACILITY LAYOUT DESIGN USING GENITIC ALGORITHM”
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	V.Govindaraj, N.Ashok Kumar and P.Murugesan
S12121	Outlier detection from ETL Execution trace Samiran Ghosh, Saptarsi Goswami and Amlan Chakrabarti
S12139	PERFORMANCE ANALYSIS OF TCP OVER WiMAX Omprakash P and Sabitha R
S12148	Simulated Annealing Algorithm and Layout Optimization for the Contents of a Web Page Aysun Coskun
S13009	Neural Network Based Intelligent Local Face Recognition Using Local Pattern Averaging N.Vivekanandan Reddy, D.Abhilash Krishna, P.Sharath Reddy and R.Shirisha
S13010	K- Fault Tolerant in Mobile Adhoc Network under Cost Constraint Mrs. Sugandha Singh, Dr. Navin Rajpal and Dr. Ashok Kale Sharma
S13015	IMPROVING ATM SECURITY VIA FACE RECOGNITION K.John Peter,G.Nagarajan,G.Gimini Sahaya Glory,Sanjana Devi V.V, S.Arguman and K Sentamarai Kannan
S13016	An Area Efficient VLSI Realization of Discrete Wavelet Transform for Multiresolution Analysis Emy Ramola and J.Samuel Manoharan
S13017	Double Binary Convolutional Turbo Decoder Using Low Power Memory Reduced Traceback MAP Decoding Jackuline.S, Jeevitha.J and Nidhi.M.A
S13018	A Level Constrained CSE Low Power Synthesis Methodology for Fixed Point FIR Filters Nidhi M.A, S.Jackuline and J.Jeevitha
S13023	A NOVEL FILE SYSTEM THAT FACILITATES IMPROVED DIGITAL FORENSICS AND GENERALIZED SOLUTION TO FRAGMENTED FILE RECOVERY K.Srinivas and T.Bhaskar
S13024	Toward a new foundation Of Human-computer interaction Ms. Deepika Sharma
S13025	Analysis of Encryption Algorithms to Basic Operations on Outsourced B+ Trees for Data Privacy Mr. Sunil B. Mane and Dr. Pradeep K. Sinha
S13026	VIEW DIVERGENCE OF FRESHNESS IN REPLICATED DATABASE SYSTEMS: A REVIEW Achintya Singhal, Rohit Kumar and Sumeet Kumar Sinha
S13027	Energy Conservation Theory in Context Aware Computing Achintya Singhal, Umesh Chaudhary, Chandrika Prasad
S13032	OPTIMAL CONGESTION AND CONTENTION CONTROL IN WIRELESS AD-HOC NETWORKS S.Padmaja,,Ch.Deepthi and T.Bhaskar

## **Instructions for Oral Presentations**

### **Devices Provided by the Conference Organizer:**

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

### **Materials Provided by the Presenters:**

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: about 15 Minutes of Presentation 5 Minutes of Q&A

Keynote Speech: 45 Minutes of Presentation 5 Minutes of Q&A

## Hotel Singaar International



**5/22, Main Road, Kanyakumari, Tamil Nadu, India.**

<http://www.hotelsingaarinternational.in/>

**Hotel Singaar International** spans four acres and is surrounded by the panoramic views of the Indian Ocean. Its Prime Location and facilities call for touring guests and business travellers from different parts of the world ! With added comfort, commendable service standards and an inviting ambience, Hotel Singaar International is the premier choice!

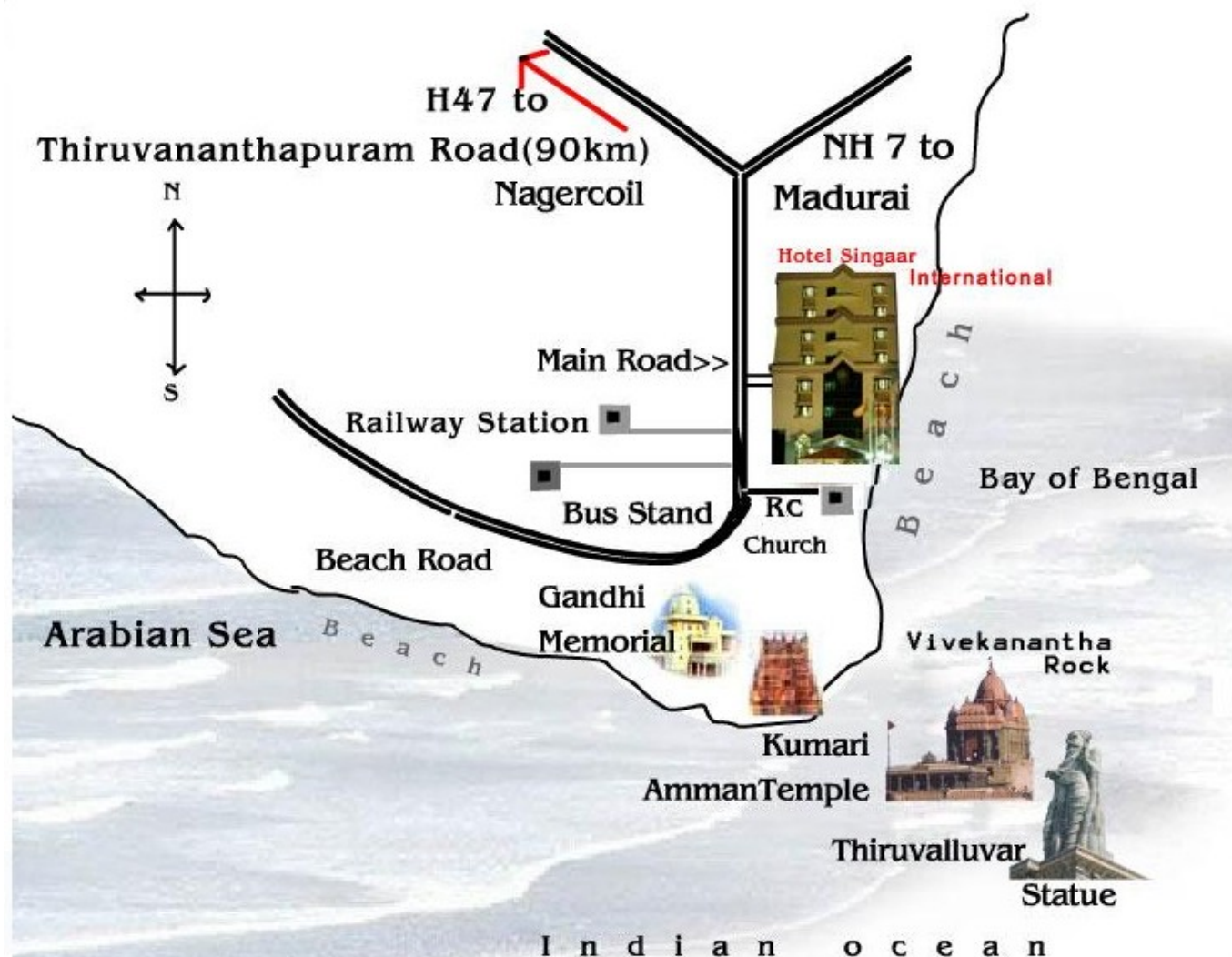
**Hotel Singaar International** one and only approved three star deluxe hotel in kanya kumari.

Hotel Singaar International is the very best and first Three Star Hotel in Kanyakumari, that covers six acres with panoramic views of Indian Ocean. Its prime location and superior facilities make it the premier choice for the domestic and international tourist and also for the business travellers.

Hotel singaar International is located very near the railway station on the main road of the National Highways of Kanyakumari and Ninety Kilometers from Trivandrum International Airport.

Hotel Singaar International offers you a comprehensive and impressive range of facilities aimed at making your stay comfort and memorable one with panoramic views of Indian Ocean. Hotel Singaar International has 102 Rooms with attached bathrooms.

## Location Map



### Contact Hotel Singaar International:

 +91 4652 247992 (8 lines)

 +91 4652 247991

 [singaar@hotmail.com](mailto:singaar@hotmail.com)

 +91 9443312147

 +91 9443312148

 +91 9443312149

Reservation Direct line : +91 4652 247160

( Timing 11.00 AM – 7.00 PM)

### Nearby Airport:

Trivandrum International Airport 90km distance from Hotel Singaar International.

### Nearby Railway Station:

Hotel Singaar International, Kanyakumari is located very near to the railway station on the main road of National Highway.