ICT 2010 & PEIE 2010 SCHEDULE

Registration - 08.30 AM
Inaugural Ceremony – 09:30 AM (Hall I)
Photo Session 10:40 AM – 10:45 AM (Hall I)
Tea Break – 10:45 AM – 11 AM

Date: 7 – Sep - 2010	**Hall: I**	**Session**: I A	**Time** : 11:00 AM – 1:30 PM
Chair 1: Dr. Janahanlal Stephen, (Dean, Mangalam College of Engg., Kottayam)		**Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)**	

Paper ID	Paper Title	Registered Author(s)
ICT 32 F	Design and Simulation of Security Sub-Layer of WMAN IEEE 802.16 STANDARD(WiMax Compliant)	Rajat sheel Jain
ICT 34 F	Speech Recognition of Assamese Numerals Using combinations of LPC - features and heterogenous ANNs	Manash Pratim Sarma
ICT 35 F	Design and Modeling of Power efficient, High Performance 32-bit ALU through Advanced DLSynthesis	K.Dhanumjaya, G.Kiran Kumar
ICT 42 F	A New Multi-Language Encryption Technique for MANET	Prasenjit Choudhury
ICT 44 F	Bi-variate Polynomial approximation of Fuzzy controller using Genetic Algorithm for Trajectory control of Puma560	Mona Subramaniam
ICT 79 F	Protecting Digital Images using DTCWT-DCT	K. Ramani
ICT 103 F	A Novel High Speed Dynamic Comparator Using Positive Feedback With Low Power Dissipation And Low Offset	Silpa kesav Velagaleti
ICT 105 F	VLSI Design of Four Quadrant Analog Voltagemode Multiplier & its application	Miss. Ankita D.Tijare
ICT 130 F	An Optimizing Technique for MDGT Using DRSA Algorithm Association with IP Traceback Strategies	S.Karthik
ICT 133 F	Designing a Promotor for a Novel Target Site Identified in Caspases for Initiating Apoptosis in Cancer Cells	Varun Gopal.K
ICT 134 F	Learning Classifier Systems Approach for Automated Discovery of Hierarchical Censored Production Rules	Suraiya Jabin
ICT 140 F	Feature Based Watermarking Algorithm by Adopting Arnold Transform	S.S.Sujatha
ICT 145 F	Inference of Gene Networks from Microarray Data Through a Phenomic Approach	Rio G. L. D'Souza
ICT 146 F	A Novel Lattice Based Research Frame Work for Identifying Web User's Behavior with Web Usage Mining	V.V.R. Maheswara Rao
ICT 162 F	Design And Analysis Of Specification Based Ids Forwireless Networks Using Oft Computing	D.Vydeki

Lunch Break 1:30 PM to 2:30 PM

Date: 7 – Sep - 2010	Hall: I	Session: II A	Time : 2:30 PM – 4:00 PM	
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)		Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)		
Paper ID	Paper Title		Registered Author(s)	
ICT 169 F	A New Image Content-Based Authenticity Verification Procedure for Wireless Image Authentication Scheme		V. Lokanadham Naidu	
ICT 208 F	Enhanced Substitution-Diffusion Based Image Cipher Using Improved Chaotic Map		Shatheesh Sam	
ICT 215 F	Network Forensic Analysis By orrelation Of Attacks With Network Attributes		Emmanuel S. Pilli	
ICT 242 F	Robust and Real Time Data Delivery in WirelessSensor Networks		Deepali Virmani	
ICT 263 F	Lecture Notes in Computer Science: Multiple QoS Guided Heuristic for ndependent Task Scheduling in Grid Environment		Sameer Singh Chauhan	
ICT 266 F	A Framework for Network Forensic Analysis		Ramesh C Joshi	
ICT 270 F	A New Trust Model Based on Time Series Prediction and Markov Model		Sarangthem Ibotombi Singh	
ICT 271 F	A Novel J2ME Service for Mining Incremental Patterns in Mobile Computing		Mr. Ashutosh K. Dubey	

Tea Break 4:00 to 4:15

Date: 7 – Sep - 2010	Hall: I	Session: II B	Time : 4:15 PM – 5:30 PM	
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)		Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)		
Paper ID	Paper Title		Registered Author(s)	
ICT 530 F	CDPN:Communicating Dynamic Petri Net for Adaptive Multimedia Presentation		Sarath Chandar.A.P, Arunbalaji.S	
ICT 609 F	Developing a Web Recommendation System based on Closed Sequential Patterns		Utpala Niranjan	
ICT 614 F	Nearest Neighbour Classification for Trajectory Data		Lokesh Kumar Sharma	
ICT 646 F	Security-Aware Efficient Route Discovery for DSR in MANET		Sanjeev Rana	
ICT 700 F	Regression Modeling Technique on data Mining for prediction of CRM		Manisha Rathi	
ICT 710 F	Congestion Games in Wireless Channels with Multipacket Reception Capability		Samiran Chattopadhyay	

Date: 8– Sep - 2010	Hall: I	Session: V A	Time : 9:00 AM – 11:00 AM	
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala,		Chair 2: Prof. A. Kalai Selvi, (S.T.Hindu College , Nagercoil, India)		

	India)	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 717 F	Secure and Revocable Multibiometric Templates using Fuzzy Vault for Fingerprint and Iris	V.S.Meenakshi
ICT 718 F	High Speed Cache Design Using Multi-Diameter CNFET At 32nm Technology	Aminul Islam
ICT 729 F	Dynamic Load Balancer Algorithm for the Computational Grid Environment	Mr.R.Rajkumar
ICT 738 F	Instance-based Classification of Streaming Data Using Emerging Patterns	Mohd. Amir
ICT 742 F	Modified Go-left Balls & Bins Algorithm for server load balancing	Stephan D'Costa
ICT 748 F	Three Layered Adaptation Model for Context Aware E-Learning	Minu M. Das
ICT 754 F	AFDEP: Agreement based CH Failure Detection and Election Protocol for a WSN	Amarjeet Kaur
ICT 755 F	Problem Area Identification with Secure Data Aggregation in Wireless Sensor Networks	Paresh Solanki
ICT 757 F	Operational Transconductance Amplifier Based Two-Stage Differential Charge Amplifiers	Dinesh .B.Bhoyar
ICT 758 F	Improvement in Design of WaveScalar	Neha Sharma

Tea Break 11:00 to 11:15

Date: 8 – Sep - 2010 **Hall: I** **Session**: V B **Time** : 11:15 AM – 1:30 PM		
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)	**Chair 2: Prof. A. Kalai Selvi, (S.T.Hindu College , Nagercoil, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 97 P	Mining a Ubiquitous Time and Attendance application schema using Oracle Data Miner: a case study	Binu Jacob
ICT 109 P	4T Carry Look Ahead Adder Design Using MIFG	P.H.ST..Murthy
ICT 114 P	Microcontroller Based Monitoring And Control Of Greenhouse Enivironment	Gaytri Gupta
ICT 115 P	Hand written Text to Digital Text Conversion using Radon Transform and Statistical Features (RTSF)	Dr.R.S.Sabeenian
ICT 122 P	Resource Allocation and Multicast Routing Protocol for Optical WDM Networks	N.Kaliamma
ICT 124 P	An Approximate Algorithm for Solving Dynamic Facility Layout Problem	Surya Prakash Singh
ICT 132 P	Homology Modeling and Protein Ligand interaction to identifyotential inhibitor for E1 Protein of Chikungunya	Vasavi. C.S
ICT 144 P	Propagation Delay Variation Due to ProcessInduced Threshold Voltage Variation	K.G. Verma
ICT 153 P	Biomedical Image Coding Using Dual Tree Discrete Waveletsform And Iterative Projection	Anil K. Deshmane
ICT 171 P	Privacy-Preserving Naïve Bayes5Classification using Trusted Third Party andTwo Offset Computation over Distributed Databases	Keshavamurthy B.N
ICT 172 P	Extraction of Pose Invariant Facial Features	K. R. Singh

ICT 185 P	On the Segmentation of the Multiple Touched Cursive Characters: A Heuristic Approach	Amjad Rehman
ICT 190 P	Context Representation and Management in a Pervasive Environment	Vanathi Balasubramanian
ICT 191 P	A Comparative Study and Choice of an appropriate Kernel for Support Vector Machines	R.Sangeetha

Lunch Break 1:30 PM to 2:30 PM

Date: 8 – Sep - 2010	**Hall: I**	**Session**: VI A	**Time** : 2:30 PM – 4:00 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		**Chair 2: Prof. P. Esther Rani, (VelTech Hightech DR.RR & DR.SR Engineering College, Chennai, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**	
ICT 138 P	Tied Mixture Modeling in Hindi Speech Recognition System	R. K. Aggarwal	
ICT 204 P	Color Image Restoration Method for Gaussian Noise Removal	J.Harikiran	
ICT 205 P	A Decision Tree Approach for Design Patterns Detection by Subgraph Isomorphism	Akshara Pande	
ICT 220 P	Realisation Of Various EBG Structures	Bhuvaneswari.B	
ICT 238 P	Identification of Melanoma (Skin Cancer) Proteins through supportVector Machine	Babita Rathore	
ICT 254 P	BPNN and Lifting Wavelet based Image Compression	Swanirbhar Majumder	
ICT 261 P	Combined off-line Signature Verification using Neural Networks	Shashi Kumar D R	
ICT 269 P	Distribution of Continuous Queries over Data aggregators in Dynamic DataDissemination Networks	Gadiraju Mahesh	
ICT 276 P	Formal Verification of IEEE802.16m PKMv3 Protocol Using CasperFDR	K. V. Krishnam Raju	
ICT 510 P	Digital Image Steganography Based On Combination Of Dct And Dwt	Vijay Kumar	
ICT 511 P	Mobile Robot Pose Estimation Based On Particle Filters For Multi-Dimensional State Spaces	Divya Udayan	
ICT 513 P	Neural Networks Based Detection Of Purpose Data In Text	P. Kiran Mayee	

Tea Break 4:00 to 4:15
Closing Ceremony 4:15 to 4:45

Date: 7 – Sep - 2010	**Hall: II**	**Session**: III A	**Time** : 11:00 AM – 12:15 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		**Chair 2: Dr. Hari Krishna Prasad. P, (Adams Engg college, Paloncha, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**	
PEIE 33 F	Novel Design For RF MEMS Capacitive Shunt	Rakesh S Lal	

	Switch in K and Ku Bands	
PEIE 46 F	Power System Dynamic Stability Enhancement of SMIB Using Fuzzy Logic Based Power System Stabilizer	Kamalesh Chandra Rout
PEIE 54 F	A Novel Configuration of Unified Power Flow Controller	Baskar.S
PEIE 203 F	Transient Stability Enhancement of a Multimachine Power System with Admittance Model Static Reactive Power Compensator	Jose.P.Therattil
PEIE 504 F	New Results on the Global Chaos Synchronization for Liu-Chen-Liu and Lü Chaotic Systems	Mr. R. Suresh
PEIE 505 F	Reduced Order Model Design for the Linear Discrete-Time Control Systems	M. Kavitha

Date: 7 – Sep - 2010 Hall: II Session: III B Time : 12:15 PM – 1:30 PM		
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Dr. Hari Krishna Prasad. P, (Adams Engg college, Paloncha, India)
Paper ID	Paper Title	Registered Author(s)
PEIE 12 S	Design of Cranial Electrotherapy Stimulator for Boosting Memory Power and analyzing it with EEG	Mahesh Veezhinathan
PEIE 24 S	Analysis on Static Voltage Stability Using SVC, STATCOM, TCSC & UPFC	S.M. Padmaja
PEIE 39 S	Torque ripple minimization of Permanent magnet brushless DC motor using Genetic Algorithm	E.Kaliappan
PEIE 45 S	Residential-Scale Solar/Pico-Hydel/Wind Based Hybrid Energy System for Remote Area Electrification	Kumarvel S
PEIE 48 S	Designing CDMA Modem in FPGA Based on DSSS	Amit Tripathi
PEIE 100 S	Novel auxiliary switch Very-High-Frequency Zero current switching Resonant DC-DC Boost Converter	K Thiruppathi
PEIE 119 S	Online Monitoring of Available Transfer Capability in Deregulated Power System Using Adaptive Neuro Fuzzy Inference System	P. Gopi Krishna
PEIE 242 S	A Novel Technique for Indication of Power Frequency Deviations in Electrical Systems	Manoj Kr. Shukla
PEIE 1 P	Vulnerable Load Bus Identification Using Radial Basis Neural Network	Gauri Shankar

Lunch Break 1:30 PM to 2:30 PM

Date: 7 – Sep - 2010 Hall: II Session: IV A Time : 2:30 PM – 3:20 PM		
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. Vanathi B, (Valliammai Engineering College, Chennai, India)
Paper ID	Paper Title	Registered Author(s)
PEIE 507 S	Voltage Clamped Dc-Dc Converter With Reduced	P.Hari Krishna Prasad

	Reverse Recovery Current And Switch Voltage Stress	
PEIE 16 P	FPGA Based Design of Robust Spatial Domain Image Watermarking Algorithm	N Islam
PEIE 36 P	A High Performance Direct Torque Control of PMBLDC motor using Hybrid (GA based Fuzzy logic) controller	Sayee Krishna A.V
PEIE 37 P	Embedded System Design and Real Time Hardware Implementation of OLED Interface Card	Himanshu Singh
PEIE 42 P	Frequency Detector using Piezo laminated cantilever beam	Uma G
PEIE 143 P	IMC Based PID Controller Tuning for Unstable SOPDT Processes	V.K. Singh

Date: 7 – Sep - 2010 **Hall: II** **Session**: IV B **Time** : 3:20 PM – 4:00 PM		
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)	**Chair 2: Prof. Vanathi B, (Valliammai Engineering College, Chennai, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 78 S	Dual Tree Complex Wavelet Transform based Video Object Tracking	Manish Khare
ICT 80 S	Design of New Indexing Techniques Based on Ontology for Information Retrieval Systems	K.Saruladha
ICT 82 S	Identifying the Attack source by IP Trace back	K. C. Nalavade
ICT 89 S	A Secure Multi hop Approach for Time Synchronization in Wireless Sensor Network	Arun Kumar Tripathi
ICT 91 S	Improving dynamic difficulty adjustment to enhance player experience in games	Joy James Prabhu

Tea Break 4:00 to 4:15

Date: 7 – Sep - 2010 **Hall: II** **Session**: IV C **Time** : 4:15 PM – 5:30 PM		
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)	**Chair 2: Prof. Vanathi B, (Valliammai Engineering College, Chennai, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 136 S	Application of Kohonan SOM in Prediction	Sathya Ramadass
ICT 137 S	Evaluation of the Role of Low Level and High Level Features in Content Based Medical Image Retrieval	Arun K.S.
ICT 139 S	A reinforcement learning approach for price offer in supplier selection process	Vali Derhami
ICT 154 S	Generation Of K-Ary And (K,M)- AryTrees In A-Order Using Z- Sequences	N.A. Ashrafi Payaman
ICT 157 S	Wavelet And Hadamard Transforms For Image Retrieval Using Color Models	Sathish Kumar
ICT 182 S	A Rough Set Integrated Fuzzy C-Means Algorithm for Color Image Segmentation	Byomkesh Mandal
ICT 184 S	Local Monitoring based Reputation System with Alert to Mitigate the Misbehaving Nodes in Mobile	Gopalakrishnan.K

	Ad Hoc Networks	
ICT 211 S	An Energy Efficient Cluster Based Broadcast Protocol for Mobile Ad Hoc Networks	G.Kalpana
ICT 212 S	A Hybridized Approach for Graph Mining	Sadhana Priyadarshini
ICT 214 S	Dynamic Contract Generation And Monitoring For B2B Applications With Composite Services	S. Usha Kiruthika

Date: 8 – Sep - 2010 Hall: II Session: VII A Time : 9:00 AM – 11:00 AM		
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)	Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)	
Paper ID	Paper Title	Registered Author(s)
ICT 221 S	Synchronization of Authorization Flow with Work Object Flow in a Document Production Workflow UsingXACML and BPEL	Subrata Sinha
ICT 234 S	Virtual nodes for self stabilization in wireless sensor networks	Deepali Virmani
ICT 243 S	Small Square Microstrip Antenna	L. Lolit Kumar Singh
ICT 244 S	Extraction Of Optimal Biclusters From Gene Expression Data	Bagyamani J
ICT 250 S	Analysis of Data Warehouse Quality Metrics using LR	Rolly Gupta
ICT 251 S	Similar -Dissimilar Victor Measure Analysis to Improve ImageKnowledge Discovery Capacity ofSOM	Chenthalir Indra N
ICT 278 S	Cluster-base Directional Rumor Routing in Wireless Sensor Network	Parvin Eftekhari
ICT 551 S	On the Calculation of Coldness in Iowa, a North Central Region, United States: A Summary on XML Based Scheme in Spatial Databases	S B Goyal
ICT 556 S	Development of a Three Layer Laminate for better Electromagnetic Compatibility performance at X-band	C Dharma Raj
ICT 649 S	Pre-Confirmation Neural Network for reducing the region of interest in an image for face detection	Ajit Joseph
ICT 672 S	Low Voltage Low Power Op Amp With Gain Boosting & Frequency Compensation Technique For Battery Powered Applications	K. Sarangam
ICT 715 S	Performance of Clustering in Mobile Domain	Soumen Kanrar, Aroop Mukherjee
ICT 721 S	Morphological analyzer for Telugu using Support Vector Machine	Sai Kiranmai
ICT 723 S	Visualization Of State Transition Systems In A Parallel Environment	Haresh S, Subbu Ramanathan, Amog Rajenderan
ICT 724 S	Facilitating Efficient Integrated Semantic Web Search With Visualization And Data Mining Techniques	Mrs.S. Prema, Dr.S.K.Jayanthi

Tea Break 11:00 to 11:15

Date: 8 – Sep - 2010 Hall: II Session: VII B Time : 11:15 AM – 11:45 AM		
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)	**Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 735 S	Image Object Classification using Scale Invariant Feature Transform Descriptor and Support Vector Machine Classifier with Histogram Intersection Kernel	Biplab Banerjee
ICT 744 S	Palmprint Recognition System Using Zernike Moments Feature Extraction	Esther Rani P
ICT 746 S	A new QOS Framework for Mobile ad-hoc networks in Large Scale Networks	A.Boomaranimalany
ICT 759 S	An Interactive Content Based Image Retrieval Method Integrating Intersection Kernel Based Support Vector Machine and Histogram Intersection Based Similarity Measure for Nearest Neighbor Ranking	Tanusree Bhattacharjee

Date: 8 – Sep - 2010 Hall: II Session: VII C Time : 11:45 AM – 1:30 PM		
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)	**Chair 2: Prof. Rajesh Kumar Aggarwal, (NIT, Kurukshetra, India)**	
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 9 P	Analysis and Prediction of Blocking Probability in a Banyan Based ATM switch	R.Pugazendi
ICT 31 P	Performance Evaluation of QoS Aware Routing in OLSR (Optimized Link State Routing Protocol) using Genetic Algorithm	Ms.M.Pushpavalli
ICT 53 P	Handloom Silk Fabric Defect etection using Firstorder statistical features on a NIOS II Processor	M.E.Paramasivam
ICT 70 P	Performance Modeling of MANET routing protocols with Multiple Mode Wormhole Attacks	Yogesh Chaba
ICT 527 P	Comparative Performance Analysis of QoS-Aware Routing on DSDV, AODV and DSR Protocols in MANETs	Rajneesh Gujral
ICT 528 P	Steering Control Of An Automated Vehicle Using Touch Screen With Simulation Result	Apeksha V. Sakhare
ICT 536 P	A Low cost GPS based Vehicle Collision avoidance system	Samarth Borker
ICT 562 P	Human Skin Region Identification Using Fusion Technique	R. Vijayanandh
ICT 589 P	Avoidance of Electromagnetic Interference in Modem with Minimal Bit Error Rate Using Tele Typewriter Signals	D. Muthu Kumaran, C. Charithartha Reddy, M. Kanagasabapathy
ICT 601 P	A State Variables Analysis For Emerging	K.Vaitheki

Paper ID	Paper Title	Registered Author(s)
	Nanoelectronic Devices	
ICT 612 P	Unconditional Steganalysis of JPEG and BMP images and its Performance Analysis Using Support Vector Machine	Amritha P.P
ICT 647 P	ASSR Fair Load Distribution Using Efficiency Division Factor with Greedy Booster Approach for MANET	Ahmad Anzaar
ICT 709 P	Measuring the Reusability Level of Software Packages using Reusability Testing Scripts	R. Kamalraj

Lunch Break 1:30 PM to 2:30 PM

Date: 8 – Sep - 2010 Hall: II Session: VIII A Time : 2:30 PM – 4:00 PM		
Chair 1: Dr. Yogesh Chaba, (Guru Jambheshwar University of Sc. & Technology, Haryana - INDIA)		Chair 2: Prof. V.S.Meenakshi, (SNR Sons College, Coimbatore, India)
Paper ID	**Paper Title**	**Registered Author(s)**
ICT 699 P	Secret Sharing Scheme for Image Encryption Using new Transformation Matrix	A. Kalai Selvi
ICT 712 P	A New Threshold Calculation Approach In The Performance Enhancement Of Spread Spectrum System Using Double Density Discrete Wavelet Filter	Arunarasi Jayaraman
ICT 716 P	Recent Trends in Superscalar Architecture to exploit more Instruction Level Parallelism	Ritu Baniwal
ICT 720 P	A Neural Network Based Solution to Color Image Restoration Problem	Satyadhyan Chickerur
ICT 722 P	Spline Biorthogonal Wavelet Design	Arathi T
ICT 731 P	Securing Password File Using Bezier Curves	Sunil Khurana
ICT 732 P	Reading a 4-bit SLC NAND flash Memory in 180nm Technology	Nilesh A Shah
ICT 737 P	Keystroke Dynamics authentication using neural network approaches	Mrs. D. Shanmugapriya
ICT 747 P	Moving Object Tracking using Object Segmentation	Sanjay Singh
ICT 752 P	Mobile Health Care System For Patient Monitoring	Titir Santra

Tea Break 4:00 to 4:15
Closing Ceremony 4:15 to 4:45