

ACE 2010 FULL PAPER SCHEDULE

Registration – 21-06-2010 @ 08.30 AM

Inaugural Ceremony – 21-06-2010 @ 09:30 AM

Photo Session-I - 21-06-2010 @ 10:55 AM (Hall I)

Tea Break – 11AM – 11:15 AM

Date: 21 – June - 2010		Hall: I	Session: I A	Time : 11:15 AM – 12 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)		
Paper ID	Paper Title		Registered Author(s)	
13	Multi Hashing Low Power Bloom Filter Architectures for Network Applications		Arun M.	
48	Linear Prediction Modelling for the Analysis of the Epileptic EEG		Y.Padma Sai	
49	An Efficient Single-Fault Detection Technique for Micro-Fluidic Based Biochips		Sagarika Saha	
59	A New Protocol for Minimizing Jitter for Guaranteed QoS in Network Multimedia Communication		Shyamalendu Kandar	

Date: 21 – June - 2010		Hall: I	Session: I B	Time : 12 PM – 1 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)		
Paper ID	Paper Title		Registered Author(s)	
64	A Novel Signed Array Multiplier		Hafizur Rahaman	
65	An Effective Gateway Discovery Mechanism in an Integrated Internet-MANET (IIM)		Khaleel Ur Rahman Khan	
67	An Architectural Framework of a Crawler for Retrieving Highly Relevant Web Documents by Filtering Replicated Web Collections		Shashi Shekhar	
71	A Revised Secure Authentication Protocol for IEEE 802.16 (e)		Sreejesh Sidharth	

Lunch Break 1 PM to 2 PM

Date: 21 – June - 2010		Hall: I	Session: II A	Time : 2 PM – 3 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. G. Thippeswamy (Sir M Visveswaraya Institute of Technology, Bangalore, India)		
Paper ID	Paper Title			Registered Author(s)
72	Quantum mechanical characterization of Single Walled Carbon Nanotube (SWCNT) to evaluate stability and conductivity			Anirudh Ranganath
82	Unsupervised Color Image Segmentation using Constrained Compound MRF Model with Bi-Level Line Field			Sucheta Panda
84	Detection and Prevention of Layer-3 Wormhole Attacks on Boundary State Routing in Ad hoc Networks			E.Poornima
85	Low Power Folding & Interpolating ADC using 0.18 μ m Technology			Shruti Keshavl Oza

Date: 21 – June - 2010		Hall: I	Session: II B	Time : 3 PM – 4 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. G. Thippeswamy (Sir M Visveswaraya Institute of Technology, Bangalore, India)		
Paper ID	Paper Title			Registered Author(s)
86	Introducing Trust Establishment Protocol In Contract Net Protocol			Aarti Singh
93	Development and Performance Evaluation of an Efficient Multimedia Communication Scheme using DWT and Adaptive Channel Equalization			Ranganadham Dharmana
100	A Learning Based Single Image Super Resolution Method Using Directionlets			Reji A P
122	Channel Condition and Mobility based Choice of Neighbor Node for Routing in MANET			Rajashekhar C. Biradar

Date: 21 – June - 2010		Hall: I	Session: II C	Time : 4 PM – 4:30 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 2: Prof. G. Thippeswamy (Sir M Visveswaraya Institute of Technology, Bangalore, India)		
Paper ID	Paper Title		Registered Author(s)	
569	Web Information Retrieval Using Query Independent Page Rank Algorithm		Richa Gupta	
582	Fast Processing With Multi Valued Representation To Genomic Signal Processing		D.Venkat Reddy	
587	Echo Cancellation in Cellphone Using Neurofuzzy Filter		Prof. Abdul Quaiyum Ansari, Prof. Neeraj Gupta	
594	Multilevel Network Security Based on Iris Biometric		V.V.Satyanarayana Tallapragada	

Date: 21 – June - 2010		Hall: II	Session: II C	Time : 4 PM – 4:30 PM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)		
Paper ID	Paper Title		Registered Author(s)	
671	A Modified History Based Weighted Average Voting with Soft-dynamic Threshold		Manasi Das	
672	Low Power Hardware Implementation Of High Speed FFT Core		Akshay Sridharan, A Viji	
679	Securing Nodes In Manets Using Node Based Key Management Scheme		Dr. S. Tapaswi	

Tea Break 4:30 PM

Date: 22 – June - 2010		Hall: I	Session: III A	Time : 9AM – 10AM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 3: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)		
Chair 2: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)				
Paper ID	Paper Title		Registered Author(s)	
129	An Adaptive Energy Saving and Reliable Routing Protocol for Limited Power Sensor Networks		Raminder Singh Uppal	
133	A Neuron Based Switch: Application to Low Power Mixed Signal Circuits		Fayaz Shariff	
134	An Optimum Multilevel CPU scheduling Algorithm		Sindhu M, Rajkamal R	

138	Vision based Mobile Robot control using Hand Gesture Recognition through Perceptual Color Space	I.Manju Jackin
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Date: 22 – June - 2010		Hall: I	Session: III B	Time : 10AM – 11AM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 3: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)		
Chair 2: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)				
Paper ID	Paper Title	Registered Author(s)		
158	A New Variable Threshold Based Active Noise Control Systems for Improving Performance	P.Babu		
163	A Novel Power Estimation Method for On-Chip VLSI Distributed RLCG Global Interconnects Using Model Order Reduction Technique	Dr. Ashis Kumar Mal		
174	AFGF: An Automatic Facet Generation Framework for Document Retrieval	K.Latha		
178	JPermit:Usable and Secure Registration of guest-phones to Enterprise VoIP networks	R Vidya Lakshmi, Divya Krishnan, Parvathy S, Vishnudatha K		

Tea Break 11 AM – 11:15 AM

Date: 22 – June - 2010		Hall: I	Session: III C	Time : 11:15 AM – 12PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India)		Chair 3: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)		
Chair 2: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)				
Paper ID	Paper Title	Registered Author(s)		
185	Coded Fingerprinting based Watermarking to Resist Collusion Attacks and Trace Colluders	Monjul Saikia		
186	Detection of Dot Matrix Printed Documents Using Component Analysis	Ujjwal Garg		
191	Selfish MAC Misbehaviour Detection in Wireless Mesh Network	Anil Kumar Gankotiya		
193	Energy-aware Network-on-Chip architecture using Perfect Difference Network	Mahendra Gaikwad		

Date: 22 – June - 2010		Hall: I	Session: III D	Time : 12PM – 1PM
Chair 1: Dr. Gylson Thomas, (MES College		Chair 3: Prof. Jagadeesh Kannan (RMK		

of Engineering, Kerala, India) Chair 2: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)		Engineering College, TN, India)
Paper ID	Paper Title	Registered Author(s)
200	A Two Level Message Adaptive Steganographic Approach	Agam Gupta, Divya Sharma
201	Closed Form Bandwidth Expression for Distributed On-Chip RLCG Interconnects	Dr. Ashis Kumar Mal
206	Artificial Neural Network based Soft sensor for fermentation of Recombinant Pichia Pastoris	S.Geethalakshmi
207	ASPDD: An Efficient and Scalable Framework for Duplication Detection	K.Latha

Date: 22 – June - 2010	Hall: II	Session:III D	Time : 12PM – 1PM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)	
Paper ID	Paper Title	Registered Author(s)	
514	Integrated Mechanism to Prevent Agent Blocking in Secure Mobile Agent Platform System	Ramandeep Kaur	
523	Digital Image Watermarking In Integer Wavelet Domain Using Hybrid Technique	Jeebananda Panda	
541	A Novel Dvs Algorithm For Distributed Fusion Sensor System	Gayathri.S	
548	Full Duplex Data and Video Signal over Single Mode Fiber	V.Sudha	

Date: 22 – June - 2010	Hall: I	Session:III E	Time : 1 PM – 1:30 PM
Chair 1: Dr. Gylson Thomas, (MES College of Engineering, Kerala, India) Chair 2: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)		Chair 3: Prof. Jagadeesh Kannan (RMK Engineering College, TN, India)	
Paper	Paper Title	Registered Author(s)	

ID		
597	A Novel Phoneme Recognition System using Binary Feature Vector and Correlation based Classifier	S.Ramprasath, Prapanch Ramamoorthy
602	SAR Image Compression using Steganography	Manikandan.J

Lunch Break 1:30 PM

Date: 22 – June - 2010		Hall: II	Session: III E	Time : 1 PM – 1:30 PM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)		
Paper ID	Paper Title		Registered Author(s)	
657	Exploring the Difference between Object Oriented Class Inheritance and Interfaces Using Coupling Measures		V.Krishnapriya	
660	DNA Sequence Matching Using Boolean Algebra		V. Anitha	

Lunch Break 1:30 PM

ACE 2010 SHORT PAPER SCHEDULE

Date: 21 – June - 2010		Hall: II	Session: I A	Time : 11:15 AM – 12 PM
Chair 1: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)		Chair 2: Prof. Rajashekhar C. Biradar, (REVA Institute of Technology and Management, Bangalore, India)		
Paper ID	Paper Title		Registered Author(s)	
171	A Secure Multi authority Electronic Voting Protocol Based on Blind Signature		Sujata Mohanty	
41	Throughput Efficiency Of Mobile Ad Hoc Networks With Node Classification Strategy		Sunita Varma	
57	Modified RAAT(Reduced Apriori Algorithm using Tag) for Efficiency Improvement with EP(emerging Pattern) and JEP(Jumping Emerging Pattern)		Zalak V Vyas	
78	Fractal Image Compression using Genetic Algorithm		Sarika Sanjay Bobde, Pradnya Vaibhav Kulkarni	
81	Dynamic Software License Key Management Using Smart Cards		Vineet Kumar Sharma	
36	A New Approach To Enhance Images Of Mobile Phones With In-Built Digital Cameras Using Mean And Variance		K Ratna Babu	

Date: 21 – June - 2010		Hall: II	Session: I B	Time : 12 PM – 1 PM
Chair 1: Dr. Debasis Giri, (Haldia Institute of Technology, Haldia, India)		Chair 2: Prof. Rajashekhar C. Biradar, (REVA Institute of Technology and Management, Bangalore, India)		
Paper ID	Paper Title		Registered Author(s)	
94	Web Service Selection Using Topological Metadata		Monika Sikri	
120	An Efficient Dynamic Image Segmentation Algorithm Using A Hybrid Technique Based On Particle Swarm Optimization And Genetic Algorithm		Amiya Halder	
135	Bus Encoding Technique Using Forbidden Transition free Algorithm for Cross-Talk Reduction for On-Chip VLSI Interconnect		Souvik Singha	
152	CPW- Fed Antenna with Two Rectangle Slots for RFID/Wideband applications		Dr.D. Sriram Kumar	
154	Different Speed Optimizations For MPEG AAC Encoder		Vishakha N. Gor	
162	A Digital Signature Scheme with message recovery and without one-way hash function		Sujata Mohanty	

Lunch Break 1 PM to 2 PM

Date: 21 – June - 2010		Hall: II	Session: II A	Time : 2 PM – 3 PM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)		
Paper ID	Paper Title		Registered Author(s)	
166	Self-Organizing Hierarchical Structure For Wireless Networks		S.Smays	
194	Generating Optimum Number of Clusters using Median Search and Projection Algorithms		Suresh L	
195	A Hybrid Clustering Algorithm For Fire Detection In Video And Analysis With Color Based Thresholding Method		Tanoy Kr. Paul	
506	Implementation of Minimum Spanning Tree algorithm on Cell BE		Padmaja Kanase-Patil	
517	An Improved Online Tamil Character Recognition Using Neural Networks.		R. Jagadeesh Kannan	
551	Circuit design with Independent Double Gate Transistors		Nitant Saubagya	

Date: 21 – June - 2010		Hall: II	Session: II B	Time : 3 PM – 4 PM
Chair 1: Dr. Sujata Mohanty, (NIT,		Chair 2: Dr. Hafizur Rahaman, (Bengal		

Rourkela, Orissa, India)		Engineering & Science University, West Bengal, India)
Paper ID	Paper Title	Registered Author(s)
552	Leakage Current Reduction In 6T Single Cell SRAM At 90nmtechnology	Shilpi Birla
556	Modified Double Bilateral Filter For Sharpness Enhancement And Noise Removal	Archana H
573	Feature Based Steganalysis Using Wavelet Decomposition And Magnitude Statistics	Jithin R
584	Facilitating Client Side Experimentation with Combination of Algorithms Using Plug-in Architecture: A Design Science Approach	Gaurav Gahalaut
607	CJM: A Technique To Reduce Network Traffic In P2P Systems	Shashi Bhushan
643	Multi Objective Traffic Prediction Using Type-2 Fuzzy Logic And Ambient Intelligence	Vinodh P Vijayan, Biju Paul

ACE 2010 POSTER PAPER SCHEDULE

Date: 22 – June - 2010		Hall: II	Session:III A	Time : 9AM – 10AM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)		
Paper ID	Paper Title	Registered Author(s)		
28	Classification Of Seed Cotton Yield Based On The Growth Stages Of Cotton Crop Using Machine Learning Techniques	P. Revathi		
34	High End Scientific Visualization With Scalable Display System	Mr. Pritam Prakash Shete		
61	Virtual Advertisement With Live Entertainment Program For Real Time Video Application	Arpita Pinal Patel, Pinalkumar Kiritbhai Patel		
79	Classification Of Consumer Behavior Using Functional Link ANN	Babita Majhi		
105	A Rule Based Model For Efficient Representation And Accurate Recognition Of Human Faces	Thippeswamy G		
116	Comparative Performance Analysis Of DSDV, AODV And DSR Routing Protocols In MANET Using NS2	Asma Tuteja, Sunil Thalia		

Date: 22 – June - 2010		Hall: II	Session:III B	Time : 10AM – 11AM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University,		

		West Bengal, India)
Paper ID	Paper Title	Registered Author(s)
119	An Integrated Approach of AHP-GP and Visualization for Selection of Software Architecture : A Frame work	K.Delhi Babu
128	Unfolding The Distributed Computing Paradigms	Pankaj Deep Kaur
169	Challenges (Research Issues) in Web Services	Demian Antony D'Mello
175	Reducing Hand-Off Latency In Wimax Network Using Cross Layer Information	Suman Bhunia
183	Clustering Based URL Normalization Technique For Web Mining	Naresh Kumar Nagwani
533	Topology Aware Mobile Agent For Efficient Data Collection In Wireless Sensor Networks With Dynamic Deadlines	Pranesh.V.Kallapur

Tea Break 11 AM – 11:15 AM

Date: 22 – June - 2010		Hall: II	Session:III C	Time : 11:15 AM – 12PM
Chair 1: Dr. Sujata Mohanty, (NIT, Rourkela, Orissa, India)		Chair 2: Dr. Hafizur Rahaman, (Bengal Engineering & Science University, West Bengal, India)		
Paper ID	Paper Title	Registered Author(s)		
534	Identifying Performance Metrics To Maximize MANETs Throughput	Dr S Sujatha		
542	Real-Time Object Segmentation In Smart Camera For Remote Surveillance Scenario	Sanjay Singh		
577	An Efficient Embedding And Restoration Steganographic Scheme For Secure Multimedia Communication	Sapna Sasidharan		
579	Implementation of Sensor Network for Indoor Air Quality Monitoring using CAN Interface	Minu A Pillai		
595	Structural Similarities Between The Catalytic Domain Of Threonine Deaminase And The Mammalian Serine Racemases	Srikeerthana Kuchi		
669	Impact Of Scaling On Current Conveyor Ccii	Amisha Parimal Naik		

Valedictory Ceremony – 22-06-2010 @ 02:30 PM

Photo Session II – 22-06-2010 @ 03:00 PM (Hall I)

Tea Break –03:10 PM