

## ITC 2010 - Full Paper

**Registration - 08. 30AM - 9.30AM on March 12, 2010**  
**Inaugural Ceremony – 09:30AM – 10:10AM at Penta Hall**

10: 12 AM – 10: 28 AM	Gravity of the Climatic Change and Role of ACEEE: Dr. Janahanlal Stephen (General Chair, ITC 2010) <b>at Penta Hall</b>
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10: 30 AM – 11: 00 AM	Process Variations in Driver Interconnect Load System: Dr. Brajesh Kumar Kaushik (IIT Roorkee) <b>at Penta Hall</b>
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**Photo Session 11:00 AM - 11:05 AM at Penta Hall**

**Tea Break – 11:05AM – 11:15AM**

<b>Date:</b> 12 - March - 2010	<b>Hall:</b> PENTA	<b>Session:</b> I A	<b>Time :</b> 11:15 AM – 11:45 AM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b>	
<b>Chair 2:</b> Prof. J Suresh, (SSN College of Engineering, India)		<b>Chair 4:</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>	
33	Energy Based Gossip Routing Algorithm for MANETs	Dhiraj Nitnaware	
41	Security Analysis of Binding Update Protocols in Route Optimization of MIPv6	Dwaram Kavitha	
48	A Novel method for Detection and Elimination of Modification Attack and TTL attack in NTP based routing algorithm	Edna Elizabeth N, Vaithyanathan	
49	Throughput Analysis of IEEE 802.11b WLAN under a Non-Saturated Condition	G.Prakash	

<b>Date:</b> 12 - March - 2010	<b>Hall:</b> PENTA	<b>Session:</b> I B	<b>Time :</b> 11:45 AM – 1 PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b>	
<b>Chair 2:</b> J Suresh, (SSN College of Engineering, India)		<b>Chair 4:</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>	
79	A Cooperative Trust Management Framework for Load Balancing in Cluster Based Distributed Systems	Shakti Mishra	
92	A Service Discovery Model for Mobile Ad hoc Networks	R Deepa	
108	Digital watermarking of ECG data for secure wireless communication	Dr.Omar Farooq	
12	An Explicit Approach for Delay Evaluation for On-Chip RC Interconnects using Beta Distribution Function by	Sumit Pathak	

	Moment matching Technique	
63	Performance of Multiple Selection Diversity Antennas at the Relay Input for Relaying System	Kapil Gupta

### Lunch Break 1 PM to 2 PM

<b>Date:</b> 12 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> II A	<b>Time :</b> 2 PM – 2:45 PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b> Mr. Milind A G, (PES Institute of Technology, Bangalore, India)		
<b>Chair 2:</b> Mr.M.Arun Bhaskar, (Senior Lecturer, Velammal Engineering College, Chennai)		<b>Chair 4:</b>		
<b>Paper ID</b>	<b>Paper Title</b>		<b>Registered Author(s)</b>	
78	An Exact Solution of Electromagnetic Field in Far Zone Radiated by Contra Wound Toroidal Helical Antenna		Somen Bhattacharjee	
85	BER Performance of Coherent PSK in Rayleigh Fading Channel with Imperfect Phase Estimation		Dipanwita Biswas	
542	Real-Time Video Filtering and Overlay Character Generation on FPGA		Babu T Chacko, Siddharth Shelly	

<b>Date:</b> 12 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> II B	<b>Time :</b> 2:45 PM – 3:30 PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b> Prof. S.D.Shirbahadurkar, (JSPM's Rajarshi Shahu College of Engg, Pune, India)		
<b>Chair 2:</b> Prof. P.V. Rama Raju, (SRKR Engg. College, Bhimavaram, AP, India)		<b>Chair 4:</b>		
<b>Paper ID</b>	<b>Paper Title</b>		<b>Registered Author(s)</b>	
39	Designing of High-Speed Image Cryptosystem Using VQ Generated Codebook and Index Table		Arup Kumar Pal	
42	Local Statistical Features of Dual Tree Complex Wavelet Transform based Face Recognition with Single Sample		K.Jaya Priya	
72	Super Resolution Blind Reconstruction of Low Resolution Images Using Framelets Based Fusion		D.Bharath Bhushan	
539	A Novel Approach to Develop a Secure Image based Steganographic Model using Integer Wavelet Transform		Avinash Prasad Kshitij	

### Tea Break from 3:30 PM to 3:45 PM

<b>Date:</b> 12 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> II C	<b>Time :</b> 3:45 PM – 4:30 PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b>		
<b>Chair 2:</b> Prof. E. Kodhai, (Sri Manakula Vinayagar Engeering College, Madagadipet, India.		<b>Chair 4:</b>		

<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>
67	An Algorithm for Mining Multidimensional Association Rules using Boolean Matrix	Neelu Khare
508	Automatic Seizure Detection Using Higher Order Moments	Mohamed Bedeuzzaman.V
538	Speech Recognition Using Hidden Markov Model With MFCC-Subband Technique	Ibrahim Patel
19	A Data Mining Model to Predict Software Bug Complexity Using Bug Estimation and Clustering	Naresh Kumar Nagwani

<b>Date:</b> 12 - March - 2010 <b>Hall:</b> PENTA <b>Session:</b> II D <b>Time :</b> 4:30 PM – 5 PM		
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India) <b>Chair 2:</b> Prof. E. Kodhai, (Sri Manakula Vinayagar Engeering College, Madagadipet, India.	<b>Chair 3:</b> <b>Chair 4:</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>
50	Dynamic Discovery and Composition of Semantic Web Services Using Abductive Event Calculus	D Paulraj
541	Formal Design of Teleteaching Interactivity	Animesh Dutta, Shrutilipi Bhattacharjee, Imon Banerjee
76	An Incremental View Materialization Approach in ORDBMS	A.N.M. Bazlur Rashid

**Site seeing Bus will be leaving from the Hotel at 05:25 PM**

<b>Date:</b> 13 - March - 2010 <b>Hall:</b> PENTA <b>Session:</b> III A <b>Time :</b> 9:30 AM – 10:30 AM		
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India) <b>Chair 2:</b> Prof. V.Vijaya Kumari, (VLB Janakiammal College of Engineering & Technology, Coimbatore, India)	<b>Chair 3:</b> Dr.K.Somasundaram, (Kalasalingam University, India) <b>Chair 4:</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>
38	Simulation Environment for Minimizing Response Time in an Autonomic Computing System using Fuzzy Control	Harish S Venkatarama
46	Fuzzy Clustering of Text Documents Using Naïve Bayesian Concept	Rishiraj Saha Roy
84	Improvement of Radiation Pattern for Linear Antenna Arrays Using Genetic Algorithm	Sudipta Das

112	Novel Approach To Cochanel Interference Minimization Wilcoxon Multilayer Perceptron Neural Network	Sarat Kumar Patra
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**Tea Break from 10:30 AM to 10:45 AM**

<b>Date:</b> 13 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> III B	<b>Time :</b> 10:45 AM – 11:45 AM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b>		
<b>Chair 2:</b> Prof. Hansraj.Guhilot, (K. L. E. Society's College of Engg. & Tech., Belgaum, India)		<b>Chair 4:</b>		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>		
10	Modeling of Unsymmetrical Electromagnetic Sources for Near-Field Matching and Far-Field Prediction	Rahul Mathur		
61	Modeling and Simulation of an Asynchronous Generator with AC-DC-AC Series Resonance Inverter in an Isolated Power System	Subramanian Kulanthaivelu		
62	Random Access OFDMA Network with Dynamic Resource allocation using Regenerative Decode and Forwarding protocol with Rayleigh fading channel	Sunil Jacob		
34	Valsalva Maneuver for the analysis of interaction hemodynamic – Model study	Hemalatha K		

<b>Date:</b> 13 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> III C	<b>Time :</b> 11:45 AM – 12:30 PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b> Prof. Sunil Jacob, (SCMS School of Engineering and Technology, Kerala, India)		
<b>Chair 2:</b> Prof. Subramanian Kulanthaivelu, (School of Electrical Engineering, Tamil Nadu, India)		<b>Chair 4:</b>		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>		
77	Optimal Reactive Power Dispatch by Particle Swarm Optimization with Cauchy and adaptive Mutations	P.N. Rajnarayanan		
507	Identifying the Optimum Design of Turbo-Alternator Using Different Multi-objective Optimization Algorithms	K.V.R.B. Prasad		
56	Photo-Chrome: Asia's Largest Techfest Award Winning Solar Robot	Siddarth Jain		

<b>Date:</b> 13 - March - 2010		<b>Hall:</b> PENTA	<b>Session:</b> III D	<b>Time :</b> 12:30 PM – 1:30PM
<b>Chair 1:</b> Dr Gylson Thomas, (MES College of Engineering, Kuttiputam, India)		<b>Chair 3:</b> Prof. Sunil Jacob, (SCMS School of Engineering and Technology, Kerala,		

<b>Chair 2:</b> Prof. Subramanian Kulandhaivelu, (School of Electrical Engineering, Tamil Nadu, India)	India)	<b>Chair 4:</b>
<b>Paper ID</b>	<b>Paper Title</b>	<b>Registered Author(s)</b>
14	Low Power Cascaded Three Stage Amplifier with Multipath Nested Miller Compensation	Maneesh Menon
22	Beta Distribution based Slew Evaluation Approach for On-Chip RC Interconnects using by Moment Matching Technique	M Sunil Kumar
531	A CMOS VLSI implementation of Mean Life Time(MLT) Detector for Bio-luminescence Sensor	Hansraj Guhilot
553	Non Linear Control Of Statcom	Deepika Harish, R.K. Shalini
558	Resonant Frequency Computation of E-Plane Mutually Coupled Rectangular and Circular Patch Antennas Using Unconventional Tools	Ganesh Bharadwaj C V

**Lunch Break from 1:30 PM to 2:30 PM**

**Closing Ceremoney from 02:30 PM to 03:10 PM at Penta Hall**