

Registration - 08. 30AM - 9.30AM

Inaugural Ceremony – 09:30AM – 10:30AM at Symphony

Keynote Speech 10:30 AM – 11 AM at Symphony

By Dr. Narayan C. Debnath On

‘Software Engineering Models and Metrics – Progress and Challenges’

Photo Session 11AM - 11:05 AM at Symphony

Tea Break – 11:05AM – 11:15AM

Date: 28 -Dec-2009		Hall: Harmony		Session: I A		Time : 11:15 AM – 12:15 PM	
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)				Chair 3: Mr.Aminul Islam (Birla Institute of Technology, India)			
Chair 2: Prof.M.Azath (Mets School of Engineering, India)				Chair 4: Mr.N Krishna Prakash (Sri Krishna College of Engineering and Technology, India)			
Paper ID	Paper Title				Registered Author(s)		
24	A Nonlinear State Observer Design for 2 – DOF Twin Rotor System Using Neural Networks				Dr. Shubhi Purwar		
102	Adaptive PSO-DV Algorithm for Minimization of Power Loss and Voltage Instability				Mr.M.Sridhar		
262	Low Power Pseudoexhaustive Testing with Cellular Automata				Krishna Kumar S.		
263	Multioutput Current-Controlled Current Conveyor-based Function Generator				Nigar Minhaj		

Date: 28-Dec-2009		Hall: Harmony		Session: I B		Time : 12:15 PM – 1:30 PM	
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)				Chair 3: Mr.Aminul Islam (Birla Institute of Technology, India)			
Chair 2: Prof.M.Azath (Mets School of Engineering, India)				Chair 4: Mr.N Krishna Prakash (Sri Krishna College of Engineering and Technology, India)			
Paper ID	Paper Title				Registered Author(s)		
127	Design and analysis of MEMS cantilever based binary logic inverter				Tarun Kanti Bhattacharyya		
181	Application of Multi-Scale Modeling of Nano Devices using CUDA				Satyadhar Joshi		
222	Enhanced Aperiodic Responsiveness by Preemption Control				Ranvijay		

264	The Effect of Spreading Factor on Network Lifetime and Energy Consumption Rate of Low Energy Adaptive Clustering Hierarchy (LEACH)	Bhaskar P Deosarkar
277	Implementation of Static VAR Compensator for Improvement of Power System Stability.	B. Venkateswara Rao

Photo Session 1:30 PM - 1:35 PM at Symphony

Lunch Break 1:35 PM - 2:00 PM

Date: 28-Dec-2009		Hall: Harmony	Session: II A	Time : 2:00 PM – 3:00 PM
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)		Chair 3: Prof.Nigar Minhaj (Aligarh Muslim University, India)		
Chair 2: Prof.P.V.S.Sobhan (Vignan University, India)		Chair 4: Mr.Pardeep Kumar (Jaypee University of IT, India)		
Paper ID	Paper Title	Registered Author(s)		
290	Optimized Automatic Generation Control by SSSC and TCPS in Coordination with SMES for Two-area Hydro-Hydro Power System	Dr. Ranjit Roy		
298	Design and Development of Embedded System on ARM for On-line Characterization of DC Motor	Tanmay Pal		
305	Intrusion Detection False Alert Reduction Based on Feature Frequency	Fazlollah Adibnia		
503	Simulation of Direct Current Controlled PWM Rectifier feeding to Adjustable Speed Drives	M .Dilip Kumar		
638	A New Performance Enhancement Technique of the Current Feedback Amplifier	Rakesh Kumar Singh		

Date: 28-Dec-2009		Hall: Harmony	Session: II B	Time : 3:00 PM– 3:30 PM
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)		Chair 3: Prof.R.Suja (PET Engineering College, India)		
Chair 2: Prof.P.V.S.Sobhan (Vignan University, India)		Chair 4: Prof.Subramanian K. (VIT University, India)		
Paper ID	Paper Title	Registered Author(s)		
514	Design and Control of Hybrid Switched Capacitor dc-dc Converter with different operating conditions	T Narasa Reddy		
112	Scan Chain Design Targeting Dual Power and Delay Optimization During Testing for 3D Integrated Circuit	Surajit Kumar Roy		

519	A Control Strategy for a VSC HVDC System in steady state response	Mrs. Sonali R Dasgupta
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Keynote Speech 3:30 PM – 4:00 PM at Symphony
By Dr. Kota Soloman Raju On
‘Embedded Computing : Research Overview and Practices’

Tea Break 4:00 PM – 4:10 PM

Date: 28-Dec-2009		Hall: Harmony		Session: II C		Time : 4:10 PM – 4:45 PM	
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)				Chair 3: Ms.Dhanashri H Gawali (M.A.E. , India)			
Chair 2: Prof.Keshaveni. N (East Point College Of Engineering and Technology, India)				Chair 4: Dr.Sasi K Kottayil (Amrita University Coimbatore,India)			
Paper ID	Paper Title					Registered Author(s)	
529	Soft Computing For Voltage Stability Analyis And Contingency Ranking In Power System					K.Balaji	
636	Node Voltage Improvement by Network Reconfiguration: A Soft Computing Approach					Shweta Sarkar	
646	Stabilization Using Fractional-Order PID α Controllers for First Order Time Delay System					T.Vinopra	
52	Neural Modeling of 15 element dynamic phased array smart antenna					Abhishek Rawat	
65	Performance Enhancement of Microstrip Bandpass Filter using CSSRR					S S Karthikeyan	

Date: 28-Dec-2009		Hall: Harmony		Session: II D		Time : 4:45 PM – 5:30 PM	
Chair 1: Dr.Suresh Sankaranarayanan (University of WestIndies, Jamaica)				Chair 3: Prof.Sonali R Dasgupta (Shri. Rambeobaba Kamla Nehru Engg College, India)			
Chair 2: Mr.Nitin P.Narkhede (Shri Ramdeobaba Kamla Nehru Engg. College, India)				Chair 4: Prof.Roy Paily (Indian Institute of Technology Guwahati, India)			
Paper ID	Paper Title					Registered Author(s)	
20	Detection of earth surface cracks using Parallel Genetic Algorithm based thresholding					Priyadarshi Kanungo	
297	“Look up Table based Fuzzy Logic Controller for Unmanned Autonomous Underwater Vehicle”					Dr. G.V.Nagesh Kumar	
545	Fuzzy logic controlled shunt active power filter for mitigation of harmonics with different membership					M .V.Subramanyam	

	functions	
597	Mathematical model of cloud computing framework using fuzzy bee colony optimization technique	Kuntal Mukherjee

Date: 29-Dec-2009		Hall: Harmony	Session: III A	Time : 9:30 AM – 10:45 AM
Chair 1: Dr. Janahanlal Stephen (Viswa Jyothi College of Engg., Moovattupuzha, India)		Chair 3: Mr.Nitin P.Narkhede (Shri Ramdeobaba Kamla Nehru Engg. College, India)		
Chair 2: Prof.C.Premalatha (Sivakasi Mepco Engineering College, India)		Chair 4: Prof.Sonali R Dasgupta (Shri. Rambeobaba Kamla Nehru Engg College, India)		
Paper ID	Paper Title	Registered Author(s)		
78	Parallel Genetic Algorithm for VLSI Standard Cell Placement	S.Anand		
88	Neural Network: A Machine Learning Technique for Tertiary Structure Prediction of Proteins from Peptide Sequences	Sandeep Kumar Kushwaha		
89	Fuzzy Semi-Markov Model For Web Testing	S. Srikrishna		
101	PSO-DV and Bacteria Foraging Optimization Based Dynamic Economic Dispatch with Non-Smooth Cost Function	Mrs.P.Praveena		
240	Secure Path Loss Prediction In Fringe Areas Using Fuzzy Logic Approach	Vishal Gupta		

Tea Break 10:45 AM – 11:00 AM

**Keynote Speech 11:00 AM – 11:30 AM at Symphony
By Dr. Suresh Sankaranarayanan On
'Intelligent Agents and their Applications in
Commerce and Industry'**

Date: 29-Dec-2009		Hall: Harmony	Session: III B	Time : 11:30 AM – 12:30 AM
Chair 1: Dr. Janahanlal Stephen (Viswa Jyothi College of Engg., Moovattupuzha, India)		Chair 3: Prof.Saurabh Pal (Haldia Institute of Technology, India)		
Chair 2: Prof.C.Premalatha (Sivakasi Mepco Engineering College, India)		Chair 4: Ms.Jyoti (YMCA Institute of Engineering, India)		
Paper ID	Paper Title	Registered Author(s)		
551	PID Controllers Tuning for Improved Performance of Unstable Processes	Malwatkar Gajanan Madhavrao		
248	A Novel Particle Swarm Optimization Based Optimal Design of Three-Ring Concentric Circular Antenna Array	D. Mandal		

292	PBFMCSP : Prefix Based Fast Mining of Closed Sequential Patterns	M.Thilagu M.S.Irfan Ahmed
553	Synchronization of Class of One-Way Coupled Chaotic Systems	Bharat Bhushan Sharma
266	A Utilization Based Approach For Secured Real Time Applications On Clusters	Rudra Pratap Ojha

Date: 29-Dec-2009		Hall: Harmony	Session: III C	Time : 12:30 PM – 1:30 PM
Chair 1: Dr. Narayan C. Debnath (Winona State University, USA)		Chair 3: Ms.Jyoti (YMCA Institute of Engineering, India)		
Chair 2: Prof.Saurabh Pal (Haldia Institute of Technology, India)		Chair 4: Mr.Pradeep Singh (National Institute of Technology, India)		
Paper ID	Paper Title	Registered Author(s)		
729	Task Independent Privacy Preserving Data Mining on Medical Dataset	E. Poovammal		
201	Teaching Engineering Education using Virtual Worlds and Virtual Learning Environments	Michael Callaghan		
724	Congestion in SMS-based Query – Response Mechanism, a possible solution	Tathagato Mukhopadhyay		
727	Multi Channel MAC implementation for Wireless Sensor Networks	M.Ramakrishnan		
693	Mathematical Modeling for Evaluation of Quality of Service Parameters in Next Generation Cellular Wireless Networks	Raj Kumar Samanta		

Lunch Break 1:30 PM - 2:10 PM

Closing Ceremony 2:10 PM – 3:10 PM at Symphony

Photo Session 3:10 PM – 3:15 PM at Symphony