


11th - 13th Dec 2014, YASHADA, Pune

Date/Time	Min(s)	Foyer	Main Auditorium	MDC-1 Hall	MDC-2 Hall	MDC-4 Hall	MDC-5 Hall	MDC-6 Hall	MDC-7 Hall	Open Lawn		
Thurs 11-Dec-2014	08:30 - 09:00	30	Breakfast									
	08:30 - 09:30	60	Registration									
	09:30 - 10:30	60	Researchers Symposium	Tutorial 1	Tutorial 2	Tutorial 3	Tutorial 4	Tutorial 5	Tutorial 6	Robotics Display: DRDO		
	10:30 - 11:00	30	Tea Break									
	11:00 - 12:45	105	Researchers Symposium	Tutorial 1	Tutorial 2	Tutorial 3	Tutorial 4	Tutorial 5	Tutorial 6	Robotics Display: DRDO		
	12:45 - 13:45	30	Lunch									
	13:45 - 15:30	105	Researchers Symposium	Tutorial 1	Tutorial 2	Tutorial 3	Tutorial 4	Tutorial 5	Tutorial 6	Robotics Display: DRDO		
	15:30 - 16:00	30	Tea Break									
	15:00 - 16:00	60	Registration									
	16:00 - 18:00	120	Inauguration & Plenary Key Note Address	Dr. J Roberto De Marca, IEEE President & CEO Dr. Vijay Bhatkar, Chairman of Board of Governors IIT Delhi, Chancellor of India International Multiversity, Chairman of ETH Research Lab, Chief Mentor of I2IT, and National President of Vijnan Bharati. Dr. Thomas M. Conte 2015 IEEE Computer Society President High Tea								
Fri 12-Dec-2014	08:30 - 09:00	30	Main Auditorium	MDC-1 Hall	MDC-2 Hall	MDC-4 Hall	MDC-5 Hall	MDC-6 Hall	MDC-7 Hall	Open Lawn		
	08:30 - 09:30	60	Breakfast									
	09:30 - 10:15	45	Plenary Key Note Address	Dr. V K Saraswat, Former Secretary, Department of Defence R&D, Scientific Adviser to Raksha Mantri & Director General of DRDO & ADA.								
	10:15 - 11:00	45	Plenary Key Note Address	Dr. Rajkumar Buyya, Professor of Computer Science and Software Engineering, and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at The University of Melbourne, Australia, founding CEO of Manjrasoft Pty Ltd.								
	11:00 - 11:30	30	Tea Break									
	11:30 - 13:15	105	Session 1	ETT Track - 6 papers	INS Track - 5 papers	BD Track - 4 papers	ETT Track - 7 papers	ETT Track - 5 papers	PE Track - 5 papers	PE Track - 5 papers		
	13:15 - 14:15	60	Lunch									
	14:15 - 16:00	105	Session 2	ETT Track - 5 papers	INS Track - 4 papers	BD Track - 4 papers	ETT Track - 4 papers	ETT Track - 6 papers	PE Track - 5 papers	PE Track - 5 papers		
	16:00 - 16:30	30	Tea Break									
	16:30 - 18:15	105	Session 3	ETT Track - 6 papers	SDS Track - 6 papers	Partners Slot	ETT Track - 5 papers	MV chavhan papers contest 2014 (30Mins)	PE Track - 5 papers	PE Track - 5 papers		
18:30 Onwards		Cultural Program & Banquet Dinner										
Sat 13-Dec-2014	08:30 - 09:00	30	Main Auditorium	MDC-1 Hall	MDC-2 Hall	MDC-4 Hall	MDC-5 Hall	MDC-6 Hall	MDC-7 Hall	Open Lawn		
	08:30 - 09:30	60	Breakfast									
	09:30 - 10:15	45	Plenary Key Note Address	Prof. Suraj C. Kothari, Iowa State University, USA.								
	10:15 - 10:45	30	Tea Break									
	10:45 - 12:30	105	Session 4	ETT Track - 6 papers	CC Track - 5 papers	IEEE IC Meeting *	ETT Track - 5 papers	ETT Track - 6 papers	PE Track - 6 papers	HPC Track - 5 papers		
	12:45 - 13:45	60	Lunch									
	13:45 - 14:30	45	Plenary Key Note Address	Dr. Vidyasagar Potdar, Senior Research Fellow, Curtin University, Australia								
	14:30 - 16:15	105	Session 5	ETT Track - 6 papers	CC Track - 5 papers	IEEE IC AGM*	ETT Track - 6 papers	ETT Track - 6 papers	PE Track - 5 papers	HPC Track - 5 papers		
	16:15 - 16:45	30	Tea Break									
	16:45 - 17:45		Valedictory Session									

* IC Meeting & AGM timing are as informed by Secretary IEEE India Council.

Date/Time	Session (s)	Track	Main Auditorium				Session Chair
			Paper No	Author Name	Title		
12th DEC	11:30 - 13:15	Session 1	Emerging trends in Engineering	183	Purva Kochatta and Vinit Gupta	Spectrum Sensing Based on Adaptive Empirical Mode Decomposition for Cognitive Radio	P Mukherji
				256	Sananda Kumar, Ajit Kumar Sahoo and Debiprasad Priyabrata Acharya	Block Diffusion Adaptation over Distributed Adaptive Networks under Imperfect Data Transmission	
				309	Ishita Ganjoo and Manoj Bs	Opportunistic Channel assignment for Multihop Cellular Network Handoff QoS Improvement	
				346	Jyoti Prasanna Patra and Poonam Singh	Iterative Interference Cancellation for SFBC-OFDM System in Time Varying Multipath Fading Channel	
				667	Kamal Singh	A Simulation Study of Performance of Joint Soft Demapping-Viterbi Decoding in DVB-T system	
				679	Pradip Varade and Yerram Ravinder	Optimal Spectrum Allocation in Cognitive Radio using Genetic Algorithm	
	14:15 - 16:00	Session 2	Emerging trends in Engineering	803	Pritam Roy	A New Memetic Algorithm with GA Crossover Technique to solve Single Source Shortest Path (SSSP) problem	Dr Markhade
				1025	Maninder Singh, Dr.Hardeep Singh Singh and Dr.Amit Wason	ERGODIC CAPACITY ENHANCEMENT OF COMMUNICATION SYSTEM USING ASTC AND MMSE CODING	
				1053	P.G.S. Velmurugan and S.J. Thiruvengadam	Bit Error Rate Analysis of PLNC based Cognitive Radio Relay Systems in multi-source multi-destination scenario	
				1108	Imtiyaz Khan and Poonam Singh	Double Threshold Feature Detector for Cooperative Spectrum Sensing in Cognitive Radio Networks	
				1131	Sesham Srinu, Amit Kumar Mishra and Shiba Farooq	Improved GESD test for cooperative sensing over impaired cognitive radio networks	
	16:30 - 18:15	Session 3	Emerging trends in Engineering	1345	Prasanta Kumar Pradhan and Sarat Patra	PAPR Reduction in OFDM systems	Dr Sutaone
				1353	Deepa Das and Susmita Das	Interference-Aware Power Allocation in Soft Decision Fusion (SDF) Based Cooperative Spectrum Sensing	
				1510	Vanidevi Mani, Konganapalle Gowthami and N Selvagesan	Tracking of MIMO channel in the presence of unknown interference	
				1539	Kishor Wagh and Ravindra Thool	Performance Analysis of Mobile Web Service Provisioning on Different Mobile Host	
				1545	Viji A S and Edet Bijoy K	Advanced High-Resolution, Low-Delay Medical Ultrasound Video Communication Using H.264/AVC Over LTE Network	
				287	Milind Penurkar and Umesh Deshpande	CONHIS: Contact History-based Routing Algorithm for a Vehicular Delay Tolerant Network	

13th DEC	10:45 - 12:30	Session 4	Emerging trends in Engineering	39	Santosh Chapaneri and Radhika Chapaneri	Chaos based Image Encryption using Latin Rectangle Scrambling	Dr V R Udpikar
				248	Sobhan Dhara and Sukadev Meher	A Novel Hybrid Technique in Spatio-Frequency Domain for Better Quality Image and Video Up-Sampling	
				122	Naimish Kasundra and Krishna Warhade	Performance Evaluation of Object Detection and Tracking Method under Illumination Variation	
				303	Bharath H Aithal, Vinay S, Ramachandra T V and Venugopal Rao K	Prediction of Spatial Patterns of Urban Dynamics in Pune, India	
				339	Jyoti Prakash Medhi and Samarendra Dandapat	Analysis of Maculopathy in Color Fundus Images	
	816	Hari R and Wilsy M	Event Detection in Cricket Videos Using Intensity Projection Profile of Umpire Gestures				
	14:30 - 16:15	Session 5	Emerging trends in Engineering	908	Ambadas Shinde and Yogesh Dandawate	Shiroekha Extraction in Character Segmentation for Printed Devanagiri Text in Document Image Processing	Dr A Walunj
				1491	Deepak Patil	Development of KITE Image Processing Technique for Brain Tumor Detection by Interfacing Patient's Live Brain Image	
				1516	Rupesh Kumar, Sumana Gupta and K S Venkatesh	Line Scratch Restoration using Flow Vectors of Spatio-Temporal Video Cube	
				1527	Deepasikha Mishra, Banshidhar Majhi and Pankaj Kumar Sa	Neighbor Embedding based Super-resolution using Residual Luminance	
1585				Bhakti Kadam and Shilpa Metkar	Digital Video Watermarking based on Dither Modulation		
1630	Deepak Kumar Panda	Dynamic Background Subtraction Using Texton Co-occurrence Matrix					

Date/Time	Session (s)	Track	MDC-1 hall			Session Chair
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			Paper No	Author Name	Title		
12th DEC	11:30 - 13:15	Session 1	Information and network security	239	Tuhin Paul, Rohit Tyagi, Manoj Bs and Thanudas B	Fast-flux Botnet Detection from Network Traffic	Dr. V. K Pachgare, COEP
				373	Sandeep Vanjale and Pradeep Mane	A Novel approach for Elimination of Rogue Access Point in Wireless Network	
				559	Surendra Singh	Improve Real-Time Packet Scheduling Algorithm with Security Constraint	
				693	Rashmi Ranjan Rout and Dolly Talreja Talreja	Trust-based Decentralized Service Discovery in Structured Peer-to-Peer Networks	
				811	Vishnu Priya K P and Jyotsna Bapat	Bad Data Detection in Smart Grid for AC Model	
	14:15 - 16:00	Session 2	Information and network security	820	Hiran V Nath and BM Mehtre	Video Files and Multistage Attacks:(im)Possible???	Dr. R. A. Patil COEP
				1167	Bhavesb Borisaniya, Kevin Patel and Dhiren Patel	Evaluation of Applicability of Modified Vector Space Representation for in-VM Malicious Activity Detection in Cloud	
				1236	Vijay Kumar and Muzzammil Hussain	Secure communication for advance metering infrastructure in smart grid	
	16:30 - 18:15	Session 3	Software and Database System	1529	Hemangi Gawand, Anup Bhattacharjee and Kallol Roy	Control Aware Techniques for Protection of Industrial Control System	Dr. Vilas Kharat
				755	Banriskhem K Khonglah, Biswajit Dev Sarma and S R M Prasanna	Exploration of Deep Belief Networks for Vowel-Like Regions Detection	
789				Bidisha Sharma and S.R.M. Prasanna	Faster Prosody Modification using Time Scaling of Epochs		
1065				Priyanka Singh, Bhushan Jagyasi, Nitika Rai and Saylee Gharge	Decision tree based mobile crowdsourcing for agriculture advisory system		
1598				Amit Sarkar	Virtual Content Suction User Interface for Android Devices		
			1615	Monidipa Das and Soumya Ghosh	Short-term Prediction of Land Surface Temperature using Multifractal Detrended Fluctuation Analysis		
			273	Sowmya Kamath S and Ananthanarayana V.S.	A Service Crawler Framework for Similarity Based Web Service Discovery		

13th DEC	10:45 - 12:30	Session 4	Cloud and Ubiquitous Computing	368	Surbhi Shah, Abhishek Nair and Urjita Thakar	A Framework to Integrate Multiple Cloud Storage Services and Provide consistent feature set	Abhay Ghaisas, BMC Software
				437	Prateek Sinha and Ankur Srivastava	Converged Infrastructure for Enterprise Exchange Environment 'Referer' based Predictive Caching and Session Prefetching for Browser	
				872	Richa Arora and Sandeep Soni	Joy Bose, Amit Someshwarrao Rodge, Chandan Pramanik and Sandeep Kumar Soni	
				971		Multicast Routing with Load Balancing Using Amazon Web Service	
				1508	Zunnun Narmawala and Sanjay Srivastava	Viral Spread in Mobile Social Network using Network Coding	
	14:30 - 16:15	Session 5	Cloud and Ubiquitous Computing	824	Nancy Ambritta, Poonam Raikar and Parikshit Mahalle	A Queuing Theory-based Modelling for Performance Analysis towards Future Internet	Dr. Shriram D. Markande, Principal, STES NBNSOE
				1255	Joy Bose, Vinod Keshav Seetharamu and Sowmya Sunkara	TV remote control via wearable Smart Watch device	
				1302	Joy Bose, Sowmya Sunkara and Ravitheja Tetali	Rendering on Browsers Responsive to User Head Position and Environmental Conditions	
				1559	Arun Gupta and Sanjay Srivastava	Distributed Adaptive Connected Dominating Set Protocol for Sensor Networks	
				1576	Shitalkumar A Jain and Vijay T Raisinghani	Load equilibrium Neighbor Aware Routing in Mobile Ad Hoc Network	

Date/Time	Session (s)	Track	MDC-2 Hall			Session Chair
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			Paper No	Author Name	Title		
	11:30 - 13:15	Session 1	Big data and Data mining	476	Jitendra Singh Sankhwar, Bharat Singh and O.P. Vyas	Optimization of Feature Selection Method for High Dimensional Data Using Fisher Score and Minimum Spanning Tree	Dr. Aniruddha Pant, Founder and CEO, AlgoAnalytics
				666	Rahul Upadhyay, Prabin Padhy and Pavan Kumar Kankar	Alcoholism Diagnosis from EEG Signals using Continuous Wavelet Transform	
				812	Sooraj K. Ambat, Shree Ranga Raju N.M. and K.V.S. Hari	Gini Index based Search Space Selection in Compressive Sampling Matching Pursuit	
				931	V. Chandra Shekhar Rao and Sammul Porika	Efficient Iceberg Query Evaluation Using Set Representation	
				1130	Kumaraswamy S, Manjula S H and Venugopal K R	Interestingness Measure on Privacy Preserved Data With Horizontal Partitioning	

12th DEC	14:15 - 16:00	Session 2	Big data and Data mining	1327	Jayshree Ghorpade-Aher and Vishakha Metre	Data Clustering using an Advanced PSO Variant	Vinit Katak
				1487	Ashish Sharma, Prof A S Jalal and Prof Krishna Kant	The Density Based Model for Facility Location Problem	
				1540	Indira Bhattacharya and Soumya K Ghosh	Big Data Analytics Framework for Spatial Data	
	16:30 - 18:15	Session 3	Partners Slot	Partners Slot			

13th Dec	10:45 - 12:30			IEEE India Council Meetings
	14:30 - 16:15			

Date/Time		Session (s)	Track	MDC - 4 Hall			Session Chair
				Paper No	Author Name	Title	
12th DEC	11:30 - 13:15	Session 1	Emerging trends in Engineering	32	Sanchita Saha Ray, Ayan Bhattacharya and Surajeet Ghosh	A Fast Range Matching Architecture with Unit Storage Expansion Ratio and High Memory Utilization using SBiCAM for Packet Classification	M B Mali
				565	Nitin Anand, Soumitra Pal and Aminul Islam	Stability and Variability Enhancement of 9T SRAM cell for Subthreshold Operation	
				607	Shubhankar Majumdar and Prashant Bansod	Hardwired BIST Architecture of SRAM	
				714	Kamaljeet Chauhan, Piyooch P, Arnab Sarkar and Santosh Biswas	A Priori Overload Handling in ERfair Scheduled Embedded Systems: Hybrid Automata Approach	
				761	Pragya Kushwaha, Chandan Yadav, Harshit Agarwal, Jandhyala Srivatsava, Sourabh Khandelwal, Juan Pablo Duarte, Chenming Hu and Yogesh Singh Chauhan	BSIM-IMG with Improved Surface Potential Calculation Recipe	
				1041	Ganesh Patil, Santosh Wagaj and Pravin Ghate	A Simple Analytical Model of 4H-SiC MOSFET for High Temperature Circuit Simulations	
				1650	Pallab Maji, Sarat Patra, Kamalakanta Mahapatra and Bhaskara Rao Jammu	Design and Implementation of Online Fuzzy Logic Controller on FPGA	
12th DEC	14:15 - 16:00	Session 2	Emerging trends in Engineering	174	Swati Sondhi and Yogesh V. Hote	Stability Testing and IMC Based Fractional Order PID Controller Design for Heating Furnace System	Prof Shendage
				178	Arnapurna Panda and Sabyasachi Pani	A New Model Based on Colliding Bodies Optimization for Identification of Hammerstein Plant	
				417	Nisha Anna Kurian, Boby George and Anoop Thomas	Automated Fault Diagnosis in Multiple Inductive Loop Detectors	
				1086	Sandeep Hanwate and Yogesh Hote	Design of PID controller for Inverted Pendulum using Stability Boundary Locus	

16:30 - 18:15	Session 3	Emerging trends in Engineering	1335	Ayan Mondal and Sudip Misra	Dynamic Data Aggregator Unit Selection in Smart Grid: An Evolutionary Game Theoretic Approach	Prof Kurode
			1354	Amit Sur, Amit Rav, Keshaw Joshi, Satish Gupta and Kallol Roy	Fringe Analysis Software: application to Velocity Measurement in Dynamic Compression Experiment	
			1395	Ramanjaneya Reddy U and Narasimha Raju B L	Enhanced Closed Loop Voltage Control of Buck Converter for Improved Performance	
			1474	R.N. Ponnalagu, George Boby and V. Jagadeesh Kumar	Direct Digital Converter Suitable for Bridge Connected Resistive Sensor Elements Having Mismatch in Nominal Resistances	
			1532	Ramakoteswararao Alla, Gobindlal Pahuja and Jagdeep Singh Lather	Importance Measures Based Risk and Reliability Analysis of Substation Automation Systems	
10:45 - 12:30	Session 4	Emerging trends in Engineering	367	Avinash Tambe and Rekha Labade	A Novel Design Approach for Multimode MIMO Antenna Using Modal Analysis	Prof Ravindran
			370	Rekha Labade, S B Deosarkar, Narayan Pisharoty and Akshay Malhotra	Compact Band-Notched Printed Monopole Antenna For Ultrawideband Communication	
			673	Ratna Subhashini, A.T Praveen Kumar and M Satish Reddy	Co sequent Shaped Pattern Synthesis in Spherical Antenna Array with Complex Excitation Optimization using Clever Algorithms	
			1424	Bibhuti Bhusan Pradhan and Lakshi Prosad Roy	MIMO BEAMFORMING IN SPATIALLY AND TEMPORALLY CORRELATED CHANNEL	
			1146	Varanasi Srinivasa Rao and Dr Jahagirdar	Design and Development of Broadband Circularly Polarized C-Band Microstrip Antenna Array	
			422	Shankarayya G. Kambalimath, Prem C. Pandey, Pandurangarao N. Kulkarni, Shivaling S. Mahant-Shetti and Sangmesh G Hiremath	FPGA-Based Implementation of Comb Filters Using Sequential Multiply-Accumulate Operations for Use in Binaural Hearing Aids	
14:30 - 16:15	Session 5	Emerging trends in Engineering	384	Bitan Bandyopadhyay, Sk. Jahid Ahmed, Debayan Das and Ayan Chatterjee	AS 802.15.4: A modified IEEE 802.15.4 standard for more reliable communication and utilization of inactive period using optimized sleep period	Prof S R Jog
			657	B.T.Venkatesh Murthy and Srinivasa Rao.I.	Design of Low Noise Amplifier Using Common Gate Current Reused Topology For Wind Profiling Radar	
			684	Parkash Chand, Rajarshi Mahapatra and Rishi Prakas	Energy Consumption Analysis of Heterogeneous Wireless Network Using Coordinated Multipoint Transmission Technique	
			696	Manjunath Rk and Prof Nagabhushan Raju K	A practical perspective on design of a Long-haul Microwave link in hilly – non LOS terrain	
			796	Kunal Sankhe, Chandan Pradhan, Sumit Kumar and Garimella Rama Murthy	Cost Effective Restoration of Wireless Connectivity in Disaster Hit Areas using OpenBTS	
			1642	Tejas Vasavada and Sanjay Srivastava	TDMA Scheduling of Group Aware Tree in Wireless Sensor Networks	
MDC 5 Hall						
Date/Time	Session (s)	Track				Session Chair
11:30 - 13:15	Session 1	Emerging trends in Engineering	Paper No	Author Name	Title	Prof P P Rege
			140	M Alarmel Mangai and N Ammasai Gounden	Pedestrian Classification using Principal Eigenspaces	
			164	Jomet Thomas and Tony Jacob	Sequential Change Detection/Isolation With Stochastic Energy Constraints	
			360	Aarohi Vora, Dr. Chirag Paunwala and Dr. Mita Paunwala	Statistical analysis of various kernel parameters on SVM based multimodal fusion	
			434	Aparajita Nanda, Pankaj Sa and Banshidhar Majhi	Covariance Based Person Re-identification Using Spectral Matching	
			1348	Pranav Sharan, Mohit Mutyal, Himanshu Agrawal and Poorva Agrawal	Simulation Study of Multi-Robot for Intelligent Transportation System	
589	Mugdha Dewasthale and Dr. R. D. Kharadkar	Improved NLMS Algorithm with Fixed Step Size and Filter Length using Adaptive Weight Updation for Acoustic Noise Cancellation.				

12th DEC	14:15 - 16:00	Session 2	Emerging trends in Engineering	642	Astik Biswas, Prassana Sahu, Anirban Bhowmik and Mahesh Chandra	Acoustic Feature Extraction using ERB Like Wavelet Sub-band Perceptual Wiener Filtering for Noisy Speech Recognition	Prof S.N.Merchant
				845	Mily Jashank, Sureshchandra Gupta and Jayalakshmi Nair	Analysis of Environmental Temperature Variation as a Precursor of Earthquake Prediction Using I2C	
				849	Jayalakshmi Nair, Dr.Sureshchandra J. Gupta and Mily Jashank	Pre-Analysis of Extremely Low Frequency Magnetic Signals to Predict Earthquakes.	
				1060	Nitesh Lulla	An Improved Algorithm for Efficient Computation of MFCC	
				1525	Kaushal Buch	Decision based Non-linear Filtering using Interquartile Range Estimator for Gaussian Signals	
				1374	Ashish Sahani, Vijay Ravi and Mohanasankar Sivaprakasam	Automatic Estimation of Carotid Arterial Pressure in ARTSENS	
	16:30 - 18:15	Session 3		MV chavhan Paper contest 2014 (30Mins)			105
13th DEC	10:45 - 12:30	Session 4	Emerging trends in Engineering	73	Sambit Bakshi, Banshidhar Majhi and Pankaj K Sa	Phase Intensive Global Pattern for Periocular Recognition	Dr.Mrs.R.P. Mudhalwadkar
				204	Poonam Sharma and Dr.Preeta Sharan	Photonic Crystal Based Sensor for Detection of High Glucose Concentration in Urine	
				388	Anwesha Sengupta, Subhadeep Datta, Sibsambhu Kar and Aurobinda Routray	Analysis of Fatigue using EEG State-Space Analysis	
				710	Harshad Kamble, Bharatkumar Ahuja, Eknath Kulkarni and Parag Mantrawadi	Simulation And Development of Anti Tremor Apparatus For Microsurgery	
				1199	S.M.M. Naidu, Uttam R. Bagal, Prem C. Pandey, Suhas Hardas and Niranjan D. Khambete	Detection of Characteristic Points of Impedance Cardiogram and Validation Using Doppler Echocardiography	
				1579	Saket Buch, Abhishek Kakkar, Subhash Chandra Bera, Sumitesh Sarkar and Dipak K. Das	Interference Mitigation System Concept for Communication Satellites	
	14:30 - 16:15	Session 5	Emerging trends in Engineering	1439	Anurag Singh and Samarendra Dandapat	Distributed Compressive Sensing for Multichannel ECG Signals over Learned Dictionaries	Prof Prem Pande
				1511	Divya Bansal	HMM Based Predictive Model of Brain Computer Interface	
				1562	Mithun Sakthivel, Bobby George and Mohanasankar Sivaprakasam	Packaging and Evaluation of an Online tool for Locating Metal shrapnel during surgery	
				1101	Imran Hussain and Anjan Talukdar	Continuous Hand Posture Recognition System with Real Time Palm Tracking for American Sign Language	
				459	Niladri Sekhar Tripathy, I. N. Kar and Kolin Paul	A Model Based Robust Control Law for Linear Event-triggered System	
				703	Sanjay Chopade and Dinesh Padole	Stability Analysis of 6T SRAM Cell for Nano scale FD-SOI Technology	
	Date/Time	Session (s)	Track	MDC 6 Hall			Session Chair
11:30 - 13:15	Session 1	Power and Energy	258	Yogesh Prabhu, Anjali Dharme and Dhananjay Talange	A Three Phase Shunt Active Power Filter Based on Instantaneous Reactive Power Theory	Dr J G Ghodekar	
			614	Dr. Abhinandan De, Debojyoti Biswas and Prottay Mondal Adhikari	An Artificial Neural Network based Approach for Classification of Power Swing conditions		
			713	Sandeepan Majumdar, Dr. Kamal Mandal and Dr. Niladri Chakraborty	Performance Study of Mine Blast Algorithm for Automatic Voltage Regulator Tuning		
			963	Apu Banik, Sovan Dalai and Biswendu Chatterjee	Condition Monitoring of Overhead line Insulator By measuring Surface Leakage Current		
			1377	Bidishna Bhattacharya, Niladri Chakraborty and Kamal K Mandal	Multiojective Optimal Placement and Sizing of SVC Using Cultural Algorithm		
			258	Yogesh Prabhu, Anjali Dharme and Dhananjay Talange	A Three Phase Shunt Active Power Filter Based on Instantaneous Reactive Power Theory		

12th DEC	14:15 - 16:00	Session 2	Power and Energy	20	Nagarjuna Reddy, J Amarnath and Rama Rao N	STUDY OF ALUMINIUM CONTAMINANTS OF DIFFERENT DIMENSIONS IN A SINGLE PHASE GAS INSULATED BUSDUCT	Dr J G Ghodekar
				399	Rakesh Chandra D, Francesco Grimaccia, Sailaja Kumari M, Marco Mussetta, Sydulu Maheswarapu, S Leva and M.Q. Duong	Small Signal Stability Analysis of Power System with SCIG and DFIG Wind Turbines	
				411	Hasmat Malik	Feature Selection using RapidMiner and Classification through Probabilistic Neural Network for Fault Diagnostics of Power Transformer	
				1100	Loveswara Rao Burthi, Lingareddy P and L.N.V.S.K.Siva Prakash Bandi	An Active Dynamic LVRT Solution for Balanced and Unbalanced Grid Faults in a Power System by Using "Sen" Transformer	
				1276	T K Sai, K A Reddy and P Suneel Kumar	Towards Intelligent Decision Making in Power Plant Operation Rescheduling of Real Power for Congestion Management using Cuckoo Search Algorithm	
16:30 - 18:15	Session 3	Power and Energy	181	Subhashish Deb and Arup Kumar Goswami	ROOT SHOOT COORDINATION OPTIMIZATION (RSCO) FOR ECONOMIC LOAD DISPATCH	Shri Sham Kanitkar	
			782	Vivekananda Haldar and Niladri Chakraborty	RISK MANAGEMENT IN ELECTRICITY MARKET BY PORTFOLIO OPTIMIZATION		
			968	Pooja Shinde and Dr Surekha Deshmukh	Unscheduled Interchange (UI) Price Based Secondary Frequency Control of An Interconnected Hybrid Power System		
			1037	Gargi Konar, Dr. Niladri Chakraborty and Dr. Kamal Krishna Mandal	A Quantum Approach in Power Systems		
			1161	Suresh D Varwandkar, M V Hariharan and Sunil A Patekar			
13th DEC	10:45 - 12:30	Session 4	Power and Energy	118	Chinmay Jain and Bhim Singh	A SOGI-FLL Based Control Algorithm for Single Phase Grid Interfaced Multifunctional SPV under Non Ideal Distribution System	Prof Mini Thomas
				180	Hariprasad Dande	Solar Based Induction Heating System	
				391	Ashis Rout, Sidharth Samantara, Gopal Krishna Dash, Satish Choudhury, Renu Sharma and Byomakesh Dash	Modeling and Simulation of Hybrid MPPT Based Standalone PV System with Upgraded Multilevel Inverter	
				1004	Siddharth Joshi, Dr. Vivek Pandya and Dr. Bhavesh Bhalja	Maximum Power Point Tracking and MPPT Efficiency for Wind and Solar Energy Conversion Standalone System PSIM based P&O Method	
				1192	Biswajit Manna, Nilanjan Saha and Debashis Palit	Optimization of Solar Power using Servo Mechanism by Perturb & Observe Method	
	14:30 - 16:15	Session 5	Power and Energy	568	Badal Sarkar, Dipak Kumar Mishra, Chiranjib Koley and Nirmal Kumar Roy	Microstrip patch antenna based UHF sensor for detection of Partial Discharge in High Voltage Electrical Equipments	Prof Mini Thomas
				1019	R.K. Soni and Avneet Kumar	Comparative assessment of SVM and Hysteresis control strategies for Grid side converter of PMSG	
				1307	Gaurav Pandey and Sandeep Bhongade	Participation of DFIG Based Wind Turbine Generator in Load Frequency Control with Linear Quadratic Regulator	
				1373	Manisha Joshi and Geetanjali Vaidya	Modeling and Simulation of Single Phase Grid Connected Solar Photovoltaic System	
				1390	Ankit Varshney and Abu Tariq	MODELLING AND SIMULATION OF PHOTOVOLTAIC SYSTEM WITH EMERGENCY BACKUP(BATTERY)	
				1418	Saravana Kumar and Debashisha Jena	Backstepping Sliding Mode Control for Variable Speed Wind turbine	

Date/Time	Session (s)	Track	MDC 7 Hall			Session Chair	
12th DEC	11:30 - 13:15	Session 1	Power and Energy	169	Dr. G. Sridhar Reddy Reddy and K Srinivasa Rao Rao	Photovoltaic based Power Electronic Converter Systems-Part II	Dr N Gopalakrishnan
				187	Loksha Mh and Dr. S G Srivani	LLC Resonant Converter Design and development	
				804	Tousif Khan N and Chitralekha Mahanta	Adaptive Backstepping Control for DC-DC Buck Converters using Chebyshev Neural Network	
				953	Hareesh Kumar Yada and Dr.Murty M.S.R	Reference Current Extraction for Three-Phase Four-Wire H-Bridge DSTATCOM using SOGI PLL Algorithm	
				1346	Dr. Rajesh Kumar Thakur	Close loop Control Analysis with Feed-Forward Control of Cuk Converter	
	14:15 - 16:00	Session 2	Power and Energy	541	Chinmaya K A and Udaya Bhasker Manthathi	Analysis of Different Space Vector Pulse Width Modulation Techniques for a Five-Phase Inverter.	Dr Roda
				769	Rajesh Kumar Panda and Jitendar Veeramalla	Hybrid Solid State Contactor for AC-3 Electrical Life Test Setup	
				1035	Pallavi Buchade and Vishwesh Vyawahare	Design of State Feedback Servo System for Fractional-order Models of Inverters	
				1139	Ravi Gelli, Shrikrishna Khaparde and Rushikesh Joshi	Towards CIM Implementation Challenges in Control Centers Worldwide and Indian Power Grid	
				1468	Bhaskar Naik, Ashish Ranjan, Vivek Gunawat, Praveen Kumar and Somnath Majhi	A brilliant Public Transportation System linked with Electric Vehicles in coordination with the Grid	
	16:30 - 18:15	Session 3	Power and Energy	97	Vashist Bist and Bhim Singh	Power Factor Correction in Brushless DC Motor Drive Using a Boost-Forward SSIPP	Dr D G Bharadwaj
				289	Saji Chacko, Dr Shailendra Jain and Dr Chandrashekhar N Bhende	TS –Fuzzy Controller Based Rotor Resistance Estimation for Indirect Field Oriented Controlled IM Drive utilizing rotor flux	
				494	Rajan Kumar and Bhim Singh	Solar Photovoltaic Array Fed Canonical Switching Cell Converter Based BLDC Motor Drive for Water Pumping System	
				763	Prithwiraj Purkait, Sandip Kumar Ojha and Sivaji Chakravorti	In Search of More Effective Ways of Representing Dielectric Test Data for Condition Assessment of Transformer Insulation	
				1181	Saurabh Shukla and Sanjeev Singh	Improved Power Quality PMLBDC Motor Drive for Constant Speed Variable Torque Load using Non-Isolated SEPIC Converter	
13th DEC	10:45 - 12:30	Session 4	High Performance Computing	550	Aryabartta Sahu and Suresh Kumar Desai	Scheduling of Multi-phase Applications on Mesh Multicore Architecture	Dr Subrata Chattopadhyay CDAC Bengaluru
				1112	Sapna Prabhu and Rohin Daruwala	Improving the scalability of shared cache multi-core systems	
				1275	Akash Punhani and Dr. Nitin	A Modified Diagonal Mesh Interconnection Network	
				1016	Rakesh Bhatnagar and Dr. Jayesh Patel	API SPECIFICATION FOR A SMALL GRID MIDDLEWARE SCADY	
				1365	Samrit Kumar Maity, Dr. Vcv Rao and Sonia Bansal	Parallelization of FDM/FEM Computations for PDEs on PARAM YUVA-II Cluster of Xeon Phi coprocessors	
	14:30 - 16:15	Session 5	High Performance Computing	1602	Sanchita Saha Ray, Surajeet Ghosh and Rakesh Prasad	Low-Cost Hierarchical Memory-Based Pipelined Architecture for DNA Sequence Matching	Dr. VCV Rao CDAC Pune
				1117	Chellapilla Patvardhan, V. Prem Prakash and Anand Srivastav	Parallel Heuristics for the Bounded Diameter Minimum Spanning Tree Problem	
				706	Anshuman Satapathy, Saroj Kumar Satapathy and Motahar Reza	Agent-based Parallel Particle Swarm Optimization based on group collaboration	
				612	Vamsi Krishna Myalapalli, Jaya Krishna Myalapalli and Pradeep Raj Savarapu	High Performance SQL	
				552	Aryabartta Sahu and Navin Kumar	DDGSim: GPU Based Simulator for Large Multicore with Bufferless NoC	