

PEIE 2012
Accepted Full Paper

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3	Harmonic Reduction in Three Phase Rectifier using current injection and Power Recovery	Binsy Joseph
5	Modeling and PID Control of the Brushless DC Motor with the help of Genetic Algorithm	G. Raghu Chandra
6	Cascaded Multilevel Inverter for Photovoltaic Systems With PI Control	Shantanu Chatterjee , S Mallika
8	Detect The Fault Location on Transmission Lines Using Wavelet Transform	Shilpi Sahu
11	Improvement of system stability margins using coordination control of Static Var Compensator (SVC) and Thyristor Controlled Series Capacitor (TCSC)	Venu Yarlagadda , K. R. M. Rao , B.V.Sankar Ram
12	Modified Artificial Bee Colony Technique for Optimized Power Systems Stabilization	V.Ravi , K.Duraiswamy
15	New Bridgeless DCM Sepic PFC Rectifier With Low Conduction and Switching Losses	C.Sreekala , T.Senthil Kumar , T.Yamuna
17	Secure Network Using Rectified Probabilistic Packet Marking Algorithm	Anil V. Turukmane , K.P.Chaudhari
21	A Novel Self-timed High Speed 8-bit SAR ADC	Ganesh Raj , Ankur Gupta , Anu Gupta
25(Withdrawn)	RF Characterization Of Antibiasd MEMS Varactor Based Phase Shifter	H.Rajagulathilagavathi , R.Rajeswari , S.Kanthamani
26	The Visually Impaired People Dashboard	N. Bhoopal Neerudi , Gaurav Kumar, B.Krishnaveni
27	0.5 V, 36 μ W Butterworth Gm -C filter in 0.18 μ m CMOS process	Vasantha M. Harishchandra , Tonse Laxminidhi
35	Design and Development of Compact High Voltage High Pulse Power Supply Using Solid State Device	M. K. Pathak , Krishna Kumar Rai
38	Effect of parasitics of feed-forward compensated OTA on Active-RC Integrators	Rekha S , Laxminidhi T
40	Design of a CPW Proximity fed Antenna For Wierless Communication	Aditya Patel
41	Modeling of Photovoltaic Charging System for the Battery Powered Wireless Sensor Networks	R Hemalatha , R Ramaprabha , S Radha
50	Torque Computation of Induction Motor with VVVF Drive Subjected to Severe Torque Fluctuation	M. V. Palandurkar , J. P. Modakh , S. G. Tarnekar

51	Development of Circuit based Model for Photovoltaic Module using MATLAB/Simulink	S. Sheik Mohammed , D. Devaraj , N. Karpagam
55	Artificial Neural Network Controller for Vector Controlled Induction Motor Drive	Apoorva Saxena , Sayak Dutta , Chitra. A
61	Performance Analysis of Different Current Controllers for Active Power Filter	Dipti A. Tamboli , D.R. Patil
62	Optimum LQR Switching Approach for the Improvement of STATCOM Performance	Yathisha L , S Patil Kulkarni
64	Experimental Study on Vector Control of Grid-Connected VSI with Delta-Sigma Modulator	Mohamayee Mohapatra, B Chitti Babu , A.K.Panda
65	Squirrel Cage Rotor Design For Safety And Reliability Improvement Of A Three Phase Induction Machine	Lokesh Varshney , Vikas Varshney , Albert Newwel , R.K.Saket
66	Active Power Factor Correction Using Switching Regulators	Ghanekar V. D , Patil M. M , Molke G.V, Travis Helenes A
68	Loss Reduction in Distribution System Using Differential Evolution Technique	V.Usha Reddy , T.Gowri Manohar
71	Performance Analysis of Public Key Management in Vehicular Adhoc Network	Yogesh A. Suryawanshi , Avichal Kapur , Manish D.Chawhan
72	Magneto hydrodynamics For Advanced Power Generation System	Rajesh Kr Ahuja , Mradu Payal Sharma
74	Experimental validation and performance comparison of multi-loop MPPT controlled PV systems on low to high end controllers	Atul Gupta , Venu Uppuluri Srinivasa , Ankit Soni
75	“Fault Analysis on Practical Extra High Voltage Transmission Line of Maharashtra State by using Wavelet Technique and Matlab Software”	Khushboo.M.Khan, R.P.Hasabe
504	Dynamic Modeling of Control Two-link Robotic arm Manipulator with controller	Dileep Singh Gond ,Mr. Hemant Amhia
505	Cascaded Multilevel Inverter For Industrial Applications	S.S.Sethuraman , Amala priya shalini.B
507	Voice For The Voiceless And Secret Talk	K.Rajeswari, E.Jeevitha, R.Stephy Graph
508	Dynamic Web Service Composition through Network Analysis with Backtracking	K.Rajeswari, E.Jeevitha, R.Stephy Graph, M.Suresh Kumar
510	Modelling And Control Of Five-Phase Induction Motor Drive	J.Bala Krishna,
511	Effect of Temperature on SiGe Heterogate Raised Buried Oxide Drain Tunnel FET Electrical Parameters	Monalisa Das, Brinda Bhowmick
513	Design and Performance Analysis Of Photovoltaic System	Preethi M , Natarajan E,

	Based on Modified Z-Source Inverter	Sharmeela C
516	A modified Seven level H bridge Z Source Inverter for Photovoltaic Systems	V. Saravanan, V. Bindu, P. Sureshkumar, R. Ramanujam, M. Arumugam
517	Comprehensive Analysis of Z Source DC/DC Converters for DC power supply systems	C. Kannan, V. Saravanan, P. Sureshkumar, R. Ramanujam, M. Arumugam
518	Flow Analysis of Novel Pole Shapes Switched Reluctance Hub Motor	R.Satheesh,S.Prabhu,V. Bindu, V Saravanan, P.Sureshkumar, V. Chandrasekar, R. Ramanujam R.Arumugam, M.Arumugam
520	Analysis of Freeway Mobility Model using Routing Protocols of MANET	Shruthi J, Anil G.N, Jakka Srividya,
526	A Novel Converter for Low Power Drives	G.Nageswara Rao, Dr.K.Chandra Sekhar, Dr.P.Sangameswara Raju
529	Optimizing Conversion Efficiency And Mitigating Harmonics In Variable Frequency Power Supply Applications Using Matrix Converter	G.N. Surya ,Dutt, Subroto,
531	FPGA Based Special Featured Cryptography Processor	Deepika Channagiri ,DR. M.Z.Kurian ,Dr.M.Nagaraja
537	Constant and Upper Switching Frequency Torque Controller for DTC Drives	Soumen Chatterjee
540	Implementation of fuel cell distributed generation system with fuzzy controllers	R.Priyadharshini , S.P.Devendran
547	Enhancement of ATC In presence of SSSC Using Linear and Reactive Methods	Y.Chittemma,S.Lalitha kumari ,A.Varaprasad Rao
551	Coupled Inductor and Voltage-Doubler Circuit for High Step-Up DC-DC Converter	Uma.S, Arpitha.B.Raju
553	Improvement of Power Quality and Performance Analysis of PV Fed UPQC for Utility Connected System	S. Balasubramaniyan, S. Thulasidharan ,Dr.T.S.Sivakumaran
554	Design of Adaptive FLANN based model for Non-linear Channel Equalization	Sidhartha Dash,Santanu Kumar Sahoo, Mihir Narayan Mohanty
558	Very Low Resolution Face Recognition In Parallel Environment	Debabrata Chowdhuri , M. Rajasekharbabu, Sendhil Kumar K.S.
560	Testing and Control of TSC-TCR type Static Var	Venu Yarlagadda, Dr. K. R.

Accepted Short Paper

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7	High Efficiency DC-DC Converter for Low PV Voltage Sources	S M Ali , Sourabh Sinha
16	Rectified Probabilistic Packet Marking Using Trace back Mechanism	Anil V. Turukmane , K.P.Chaudhari
18(Wit hdraw n)	Economic Analysis of a Biomass/PV/Diesel Autonomous Power Plant	Subhadeep Bhattacharjee , Anindita Dey
19(Wit hdraw n)	Soft Computing Techniques for Distillation Column Composition Control	Subhadeep Bhattacharjee , Bhaswati Medhi
20	FPGA Implementation Of Red Algorithm For High Speed Pupil Isolation	Banushri .S , M. Nagaraja
23	Finding the artifacts in a perceptual video verification on system level testing	Dhara Patel , Anitha Pushpanathan , Mehul Naik
24	Design and Simulation of Single-stage Single-switch Electronic ballast with SEPIC topology for Fluorescent Lamps	S Chandra Shekar , Srikanth Paleti
28	EMG Based Prediction of Elbow Motion with Different Load Conditions	Shammi More , A.S. Arora
29	A MATLAB/Simulink Model for a Zero-Voltage Switching DC-DC converter for Photovoltaic Application	Mohit Sinha
30	A Domain Ontology based Service Matching for CHORD based Super Peer Network	R.Rajmohan, N.Padmapriya , S.K.V.Jayakumar
31	Impact of Mobility and Terrain Size on Performance of AODV and DSR in Mobile Ad hoc Network	Banoj kumar Panda , Manoranjan Das , Rupanita Das
32	Detection of Geometric Shapes in Real Time using Image Processing	B. Krishnaveni , G. Jawahar Santosh , M. Anwesh Reddy , N. Bhoopal
33	FPGA Triggered Space Vector Modulated Voltage Source Inverter Using MATLAB/System Generator®	L.A.Abishek Rajaraman , P.Ganesh , P.Geeth Prajwal Reddy , M.Senthil Kumaran
36	Design of Fuzzy Logic Controller of Residential Electric Water Heaters	D.Krishna , M.Ravikanth , G.Srikanth
37	Face Recognition Using PCA and Bit-Plane Slicing	T.Srinivas , M.Mahesh Chandra , P.V.Naganjaneyulu , P.Sudhakar Rao

39	Operational Analysis, Performance Evaluation and Simulation of Solar Cell Powered Two Level Embedded E Z-source Inverter system New title Operational Analysis, Performance Evaluation and Simulation of Solar Cell Powered Embedded EZ-source Inverter fed Induction Motor	Nisha K.C.R , T.N.Basavaraj
44	Detection of Fast Flux Network Based Social Bot Using Analysis Based Techniques	Amit Kumar Tyagi
52	Implementation of Close Loop Speed Control with VVVF Control and Slip Regulation on Lim	Kunwar Aditya , Albert Newwel
54	Design and Implementation of Wavelet Based Image Coder for Color Image Compression	Sarita Kumari
57	Design and Implementation of Microcontroller based Solar Powered Water Pumping System	S. Sheik Mohammed , D. Devaraj , N. Karpagam
58	Size reduction of WLAN antenna using Sierpinski Carpet Fractal Geometry	A.Shereen Siddhara , S.Sheik Mohammed
59	Analysis of three-phase star-connected isolated asynchronous generator	Shakuntla Boora , K.S Sandhu , S.K Aggarwal
63	Transient Stability Analysis Of Power System Using Simulink/Matlab	Anju Gupta , P R Sharma
67	Implementation Of Wireless Air Pollution Monitoring System	Nikheel A Chourasia , S.P Washimkar , Mushir Ahmed , Imran Shaikh
69	RTL Design of PCI Express Physical Link Layer Receive Logic	Naga V Satyanarayana Murthy
73	Advanced DSP based PLC Modem over DC Lines for Real Time Remote Monitoring of PV Plant Parameters	Gupta Atul, Uppuluri Srinivasa Venu, Devendra Paranjape, Nikhil kashyap
76	Voltage Sag and Imbalance Mitigation Using Multilevel Inverter Based Power Conditioner with SRF Theory	N . Chellammal , Subhransu Sekar Dash
509	Novel Approach To Finding Frequent Itemsets From DataSet	Yatin G.Patel
515	MicroController Base Wheeled Mobile Robot Simulink Analysis & Modeling	Nikhil Kumar Gupta
519	Vibration Reduction of Switched Reluctance HUB Motor	V.Prakash Kumar, S.Prabhu,V. Bindu, V Saravanan, P.Sureshkumar, V.Chandrasekar, R. Ramanujam R.Arumugam, M.Arumugam
522	Study, Design And Simulation of Aperture Coupled Microstrip Patch Antenna for WLAN Applications at 5.2Ghz	Tanveer Kour Raina,Amanpreet Kaur,

		Rajesh Khanna
525	An Efficient Filter for Sharpness Enhancement and Noise Removal from the Image	Praveenkumar Eklare,K.V. Shettigar
527(Withdrawn)	Fuzzy based Unified Power Quality Conditioner	Sai Shankar,Ashwani Kumar
528	Design, Matlab/Simulink Modeling of Novel Hybrid H-Bridge Multilevel Inverter for Micro Grid Application	CH. Venkateswara Rao, S.S. Tulasi Ram,B. Brahmaiah
530	Optimum Allocation Of Active Filters In A 4-Bus System Using Genetic Algorithm	Surasmi N.L
532	Application Of Time-Domain Features With Neural Network For Bearing Fault Detection	Amit Shrivastava ,Dr. S. Wadhvani
533	Digital security with Thermal Dorsal Hand Vein patterns Using Morphological Techniques	V.Krishna Sree,P.Sudhakar Rao
543	A Lifting based 3-d Wavelet Transform VLSI Architecture by (9,7) filters	Niladri Ghosh, K.Pradeep Vinaik
544	Performance studies on a solar still using ground heat and without using any energy storage medium	R.Shangeetha,M.Manamalli, M.Sathyanarayanan, S.Bagavathy
546	Design of a two phase inverter for a specific two phase induction motor through MATLAB simulation	A.Y.Fadnis ,Dr. D.R.Tutakne ,Dr. R.M.Mohoril ,Gaurav Gondhalekar
548	Artificial Neural Network based Power System Stability Analysis	S. Lalitha Kumari ,Y.Chittemma
552	Design of L and C Parameters for Z-Source Inverter using Small Signal Model	Ananda Kumar A, Dheerendra Singh, Bidyut Prabha Sahu
557	Design of BIST Architecture for Low Power SRAM Design	Anjali M.K,K.S Neelukumari
559	Performance Evaluation in the Identification of Cancer with Endoscopic Ultrasound Images using GPU	Yogesh Agarwal , Prof. M. Rajasekara Babu

Accepted Poster Paper

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4	PESR Protocol for Maximizing Route Lifetime in Mobile Ad Hoc Networks	M.Karthik , P.Senthil babu
13	Customized Multiprocessor Scheduling Algorithms for Real time Systems	Komal S. Bhalotiya

14(Withdrawn)	MFCC and Prosodic feature extraction technique: A Comparative study	Nilu Singha , R. A. Khan , Raj Shree , Sanjeev Bhadauria
22	Video comparison as per Perception of Average End-User for automatic system level testing	Dhara Patel , Anitha Pushpanathan , Mehul Naik
43	Comparison of various Harmonic Mitigation Techniques in Induction Furnaces	Arvind Dhingra , Ashwani Kumar Sharma
45	Detecting HTTP Botnet Using Artificial Immune System (AIS)	Amit Kumar Tyagi
46	Mitigation of voltage sag effect in ASD fed Induction Motor using Single Phase Neutral Linked Vienna Rectifier	Selvaraj.A , Paranjothi.S.R, Natarajan.K.V
47	Mitigation of Voltage SAG/SWELL, THD using IDVR and STATCOM on integration of wind energy system into Distribution Network	Yuvaraj V , Madhusudan Kumar , Udhayakumar T , Murugavel A
49	Memetic programming approach for floorplanning applications	R. Varatharajan , V.Khanna , Perumal sankar
56	Mathematical analysis and Simulation of ZVS for Single Phase H-Bridge Inverter using Soft Switching Boost Converter	K. Sreekanthreddy , B.R.Manoharreddy
60	Real time remote monitoring and measurement of loss due to dry flue gas for an industrial boiler	Chayalakshmi .C.L , D.S. Jangamshetti , Savita Sonoli
503	Gesture Based HumaNoid	G S L K Chand
506	Automated Railway Platform Crosser	K.Rajeswari, E.Jeevitha, R.Stephy Graph
514	Characterization of Electrical and Thermal Properties of Enamel Filled with Carbon Nanotubes	D. Edison Selvaraj , Dr. C. Pugazhendhi , A. SivaPrakash
521	Simulation and Hardware design of an Active Input Current Waveshaping with Zero Switching Losses for Three-Phase Circuit Using Power Diode	Shrinivas Reddy ,Mahadevi Biradar
523	A National DNA Database Banking	Venkatesh kumar Sharma, NeerajKumar
524	An automatic audio Comparison based on human perception for system level testing.	Dhara Patel, Anitha Pushpanathan, Mehul Naik
534	Improving the Performance of Boost Shunt Active Power Filter using PI Controller	Nirjharini Sahoo,Dr. Gayadhar Panda
535	Design Of High Power Factor SMPS Using Average Current Control Method	Sunil A. Patel ,Shailesh. L. Dhoriyani
536	Overview of converters for Photo Voltaic Power Generating Systems	P.Manimekalai , Dr.R.Harikumar ,R.Aiswarya
538	Upswing Of Power Quality Using Renewable Energy	I.Kumaraswamy , Dr.T.Devaraju ,G.Ravindra

539	A Survey Of Proactive Multicast Routing Protocols For Mobile ADHOC Network	A.A.Dande, Dr. A.A.Gurjar
542	Implementation of Self controlled Arbiter for High Speed Communication in on-chip using Xilinx Tools	Kaushik Mukherjee, A.Ch. Sudhir
549	Comparison of Different Switching Topology of Switched Reluctance Motor under HCC	S.Muthulakshmi, Dr.R. Dhanasekaran, K. Radhalakshmi, S.Aiswariya,
550	Resources Of Clean Electricity	Vishal Maru, Vikram Mangwana, Jitendra Singh, Himanshu Mathur
555	Kinematic Modeling of Wheeled Quadraped Robot	K.Parthiban ,S.J.Sugumar
561	Tuned Fuzzy Logic Control of Switched Reluctance Motor Drives	Nessy Thankachan , Prof. SV Reeba