

AEE 2010 Registered Full Paper List

Paper ID	Title	Registered Author
25	Simulation Studies of Shunt Passive Harmonic Filters: Six Pulse Rectifier Load – Power Factor Improvement and Harmonic Control	Seema P. Diwan
31	Design and Analysis of Adaptive Neural Controller for Voltage Source Converter for STATCOM	Aman Ganesh
39	Design of a 45nm TIQ Comparator for High Speed and Low Power 4-Bit Flash ADC	Khot Suhas S
50	New Model Variable Frequency Transformer (NMVFT) – A Technology for v/f Control of Induction Motors	Farhad Ilahi Bakhsh
54	Static Synchronous Series Compensator (SSSC) with Superconducting Magnetic Energy Storage (SMES) for the Enhancement of Transient Stability in Multi-Area System	S. Padma
61	Assessment of Market Power in Deregulated Electricity Market with Congestion	J Vijaya Kumar
66	Simultaneous Generation Expansion Planning and Natural Gas Expansion Planning	Z.Manoochehri
69	Loss Reduction by Optimal Placement of Distributed Generation on a radial feeder	Sampath Kumar Bodapatla
71	Performance Analysis of Interconnect Drivers for Ultralow Power Applications	S.D.Pable
78	Design of UPQC with minimization of DC Link voltage for the Improvement of Power Quality by Fuzzy Logic Controller	R.V.D.Rama Rao
87	Novel Voltage mode multifunction filter based on Current Conveyor Transconductance Amplifier	Pushkar Arora
99	On the Performance Analysis of Multi-antenna Relaying System over Rayleigh Fading Channel	Kapil Gupta
102(c)	Application of Solar Powered High Voltage Discharge Plasma for NOX Removal in Diesel Engine Exhaust	Sayantani Das
113	A New Method of Determining Instability of Linear System	Yogesh V. Hote
123	Built-in Self Repair for SRAM array using redundancy	A. Padma Sravani
127	Wideband Low Profile Double Inverted-F Antenna for 5.2/5.8 GHz WLAN and 5.5 GHz WiMAX Applications	Debabrata Kumar Karmokar
173	Sensor Aided Automatic Path Finding Wheelchair	Apratim Majumder
180	A New Wavelet Based Algorithm For Power Distribution Networks	N. Zamanan

AEE 2010 Registered Short Paper List

Paper ID	Title	Registered Author
42	Multidimensional scaling algorithm and its current applications in wireless localization	Kulvir kaur
45	Light Triggering Thyristor for HVDC and Other Applications.	Chandra Kant Dwivedi
49	Performance Comparison of Rerouting Schemes of Multi Protocol Label Switching Network	Minesh Popatlal Thaker
52	Identification of Reactive Power Reserve in Transmission Network	Robert Lis
63	Optimal Placement of Distributed Generation Reducing Loss and Improving Voltage Sag Performance Using Genetic Algorithm	Soma Biswas
65	Optimally Learnt, Neural Network Based Autonomous Mobile Robot Navigation System	Maulin M.Joshi
82	Real Time Speaker Identification System – Design,Implementation and Validation	M. Meenakshi
95	A Novel Controller Based 48-Pulse STATCOM for Reactive Power Compensation and Voltage Stabilization in High Voltage Applications	S.M. Padmaja
103(C)	Treatment of NOx from Diesel Engine Exhaust by Dielectric Barrier Discharge Method	R B Rajkumar
105	TCAD Simulation of Gate Tunneling Current for Nano MOSFET with High-k Gate Stack Structure	Ashwani Kumar
119	Nanometric Thickness Measurement Device for Thin Transparent Films	S.Sudharssun
126	Analysis of Pavement Management Activities Programming by Particle Swarm Optimization	Navid Reza Tayebi
145	Wind Energy Validation Using Available Wind Potential	Hapse Manik Machindra
162	Dynamic Sub-channel Allocation In Multiuser OFDM Systems To Achieve Variable Data Rate	Venkat Babu G
182	A Novel Compensating Technique for Power Factor Improvement in Power Electronic Systems	S Pavithra

AEE 2010 Registered Poster Paper List

Paper ID	Title	Registered Author
44	The Role Of Advance Voltage Source Inverter in Power System Transmission line	Rahul Somalwar
64	Novel Anti Punch doping in Recessed Source Drain UTB SGOI MOSFETS for Reduced Static Power Dissipation	Kiran Bailey
79	Characterization of Performance of Paper-Oil Insulation System Of Power Transformers in Presence of Copper Corrosion	Faheem Ahmed Khan
106	Influence of Skin and Proximity effects on Surge	B.V.Sumangala

	Voltage Distribution in Transformers	
108	Improved Dynamic Performance and Stability of a Three Phase Induction Motor fed by a Tri-State CSI with Reduced Total Harmonic Distortion on the Input side of the Motor	N Kiran
159	Two Phasing Method For Conducting Heat Run Test Of Three Phase Induction Motors	Harish Kumar Sahu
110	SVPWM Control of Five Level Five Phase Voltage Source Inverter	M.M.Irfan
111	A CMOS Buffer without Short Circuit Power Consumption	Rakesh Kumar Yadav
125	Energy Efficiency and Latency Analysis of IEEE 802.15.4 MAC Layer for Wireless Body Sensor Networks	Ajeya B
136	Analysis and Minimization Technique for Leakage Reduction in Two Input NOR gate	Vaibhav Neem
181	An Online Tuning of a PMSM for Improved Transient Response using Ziegler-Nichol's Method	Pallavi Murthy