DETAILED FINAL SCHEDULE OF PAPERS

Day 1: 6th Dec.2012 Technical Session 1   Time: 4.15pm – 5.30pm   Track 1: Power System

Seq	EDAS id	ID	Title	Authors
1	1569629003	214	LMP technique for locating Series FACTS Device (TCSC) for Social Welfare Benefits in Deregulated Electricity Market	Rashmi Jain; Anwar ShahzadSiddiqui; MajidJamil
2	1569637673	273	Comparison of Effectiveness of Auxiliary Signals Incorporated in STATCOM for improving Transient Performance of Power System	Narendra Kumar; Vipin Jain; Sanjiv Kumar
3	1569640755	349	Analysis of UPFC, SSSC with and without POD in Congestion Management of Transmission System	Naqui Anwer, A.S.Siddiqui, Abdullah Umar
4	1569644055	390	Performance Evaluation of Multilevel Inverter with Advance PWM Control Techniques	Madhusudan Singh; Arpit Agarwal; Namrata Kaira

Day 1: 6th Dec.2012 Technical Session 1   Time: 4.15pm – 5.30pm   Track 2: Renewable Energy System

Seq	EDAS id	ID	Title	Authors
1	1569625667	182	Performance improvement of Wind energy conversion system using Matrix Converter	Surendra Tripathi, Haroon Ashfaq
2	1569629235	215	Renewable Energy based Small Hybrid Power system for Desalination Applications in Remote locations	Nagaraj R
3	1569637085	259	PMSG based Isolated Wind Energy Conversion System (WECS) for Variable Load	Ruchika Mittal; Pulkit Jain; RitikaGour; Rashmi Sharma; Rajveer Mittal; Satvir Singh Deswal
4	1569637697	275	Prediction of Wind Energy using Intelligent Approach	Mohammad Rizwan; Sanju Saini; Upma Singh
5	1569640783	351	Maximum Power Point Tracking and Grid feeding of Permanent Magnet Sychronous Generator based Wind Energy Conversion System using Modified Hill Climb Searching Algorithm	P Damodharan; Rajin M Linus

Day 1: 6th Dec.2012 Technical Session 1   Time: 4.15pm – 5.30pm   Track 3: Machines

Seq	EDAS id	ID	Title	Authors
1	1569609659	27	Symbolic Dynamics Based Bearing Fault Detection	Bubathi Muruganatham; Chandramohan Sujatha; Sanjith M a; T Jayakumar
2	1569622585	112	A Control Technique for Bidirectional Dual Active Bridge DC-DC Converter	R T Naayagi; R Shuttleworth; Andrew Forsyth
3	1569625371	173	Performance Analysis of Direct Torque Control of PMSM Drive Using SVPWM – Inverter	Narayan Gupta, Preeti Gupta
4	1569626643	208	Implementation of Supervisory Control System for PMSM Drive	Mini Sreejeth; PrakharVarshney; PriyankaSachdeva; Madhusudan Singh; Parmod Kumar
5	1569644777	408	Comparison of high frequency signal injection techniques for rotor position estimation at low speed to standstill of PMSM	Ravikumar A

Day 1: 6th Dec.2012 Technical Session 1   Time: 4.15pm – 5.30pm   Track4: Semiconductor Devices

Seq	EDAS id	ID	Title	Authors
1	1569609175	25	Electromagnetic Compatibility Issues of Dual Active Bridge DC-DC Converter	R T Naayagi
2	1569625437	176	Digital Controller Implementation for Non-Inverting Buck-Boost Converter Using Run-Time Partial Reconfiguration of FPGA	Sajeesh K; Vivek Agarwal
3	1569638663	329	Evolutionary algorithm based combinational circuit design	Arun Rudra; Neeta Pandey; Sreedevi Indu
4	1569639535	342	Three-Phase Single Stage Medium Power Supply Using CukConverter	G. Bhuvaneswari; Bhim Singh; Shikha Singh

| 5 | 1569639555 | 344 | Three-Phase Push-Pull Modular Converter Based Welding Power Supply with Improved Power Quality | G. Bhuvaneswari; Bhim Singh; Swati Narula |

Day 2: 7thDec.2012 Technical Session II   Time: 9.30am – 11 am   Track 1: Power System

Seq	EDAS id	ID	Title	Authors
1	1569624001	138	Voltage Sag Mitigation Using Multilevel Inverter based Distribution Static Compensator (DSTATCOM) in Low Voltage Distribution System	Subina Khan; Snehal Gawande; Manoj kumar Ramteke
2	1569624175	143	Reactive Power Compensation of Wind Energy Distribution System using Distribution Static Compensator (DSTATCOM)	Snehal Gawande; Nilesh Kubde; Manish Joshi; Bharat Sudame
3	1569625663	181	Optimal Allocation of Distributed Static Series Compensators in Power System using Biogeography Based Optimization	Abhishek Rathi; Abhishek Sadda; Lalit Nebhnani; Vaivaswat Maheshwari
4	1569625727	183	Voltage Stability Assessment in the Presence of Optimally Placed D-FACTS Devices	Abhishek Rathi; Abhishek Sadda; Vaivaswat Maheshwari; Lalit Nebhnani
5	1569625937	185	Loss Minimization with D-FACTS Devices using Sensitivity Based Technique	Abhishek Rathi; Abhishek Sadda; Vaivaswat Maheshwari; Lalit Nebhnani
6	1569640907	356	Load Compensation with DSTATCOM and BESS	Kapil Shukla; Alka Singh; Suman Bhowmick
7	1569644509	394	Integration of Wind Generation System in Low Voltage Distribution System	Manju Aggarwal; Madhusudan Singh; Sushil Gupta

Day 2: 7thDec.2012 Technical Session II   Time: 9.30am – 11 am   Track 2: Renewable Energy Systems

Seq	EDAS id	ID	Title	Authors

Seq	EDAS id	ID	Title	Authors
1	1569602305	15	The Steady State Analysis of Z-Source Inverter based Solar Power Generation System	SweekaMeshram; Ganga Agnihotri; Sushma Gupta
2	1569625293	171	Microcontroller Based Single-Phase Simplified Seven-Level Inverter for PV System	I William Christopher; R Ramesh; J Parthiban; B Saravanan; Rakesh Kumar; S Pallavan
3	1569637779	278	Diagonal PV Micro-inverter With Isolated Output	ViranchiPandya; ArunAgarwala
4	1569637825	279	Power Quality Improvement using STATCOM with Renewable Energy Sources	K Ilangokaruppasamy; Manjula Nair
5	1569642261	374	Single phase Cascaded Multilevel Photovoltaic Sources for Power Balanced operation	Vishal Verma; Amritesh Kumar
6	1569642419	375	Control Technique Analysis of DC-DC Converter for Photovoltaic Application Using SIMSCAPE	Pallavee Bhatnagar, R.K Nema

Day 2: 7ᵗʰDec.2012 Technical Session II   Time: 9.30am – 11 am   Track 3: Machines

Seq	EDAS id	ID	Title	Authors
1	1569586149	3	Design and implementation of Robust Multirate Output Feedback based Sliding Mode Controller for Induction Motors using FPGA	ViniTuteja; Jignesh Patel; Axay Mehta
2	1569605997	20	Simplified Stability Analysis of a three-phase Induction Motor Drive System	Shirazul Islam; FarhadIlahiBakhsh; Shamshuddin Ahmad; Atif Iqbal
3	1569606309	21	Battery operated closed loop speed control of dc separately excited motor by Boost-Buck converter	Byamakesh Nayak; Saswati Dash

4	1569610811	42	Online Identification and Adaptation of Rotor Resistance in Feedforward Vector Controlled Induction Motor Drive	Mouli Chandra; Tara Kalyani
5	1569619681	88	Modeling of Neural Network Based Rotor Flux MRAS Speed Observer for Induction Motor Drive	Giribabu Dyanamina
6	1569624397	147	Effect of voltage unbalance and stator inter turn short circuit on the characteristics of an induction motor	SrikondaHariKishan; Satyapal Gupta

Day 2: 7thDec.2012 Technical Session II   Time: 9.30am – 11 am   Track 4: Semiconductor Devices

Seq	EDAS id	ID	Title	Authors
1	1569624463	151	A Soft-Switched Flyback Converter with Recovery of Stored Energy in Leakage Inductance	Subhendu Dutta; Dipten Maiti; Arindam Sil; Sujit Biswas
2	1569626179	198	Application of Custom Power Park to Improve Power Quality of Sensitive Loads	Bahr Eldin Suliman Mohammed Osman, I.I Abdalla, R.Ibrahim, N.Perumal
3	1569626679	209	FPGA based digitalized Power Supplies	Paresh Shah, Rakesh Saxena, MPS Chawala
4	1569638489	320	Measurement of IGBT Switching Characteristic and Loss Using Coaxial Current Transformer	Vikash Kumar; Srikanth Reddy; Narayanan G
5	1569640915	357	Small Signal Analysis and Control design of Active clamp Forward Converter with center tapped secondary	VijayaRajguru; BhalchandraChaudhari
6	1569641597	366	The 27-Level Multilevel Inverter For Solar Pv Applications	Karthik S; Sabarinathan L; Ravi Krishna S

Day 2: 7ᵗʰDec.2012 Technical Session III   Time: 1.45 pm – 3.15 pm   Track 1: Power System

Seq	EDAS id	ID	Title	Authors
1	1569621823	105	Enhancement of Instantaneous Power Theory under Unbalanced Grid Voltages Condition Using Positive Sinusoidal Signal Regulator	EbrahimBabaei; MajidYavari
2	1569622637	113	Multifunctional Capabilities of Converter Interfaced Distributed Resource in Grid Connected Mode	Alka Singh; Bhim Singh
3	1569626191	199	Operation and Control of a Distributed Microgrid with Hybrid System	MeghaGoyal; Rajesh Gupta
4	1569626241	200	A Simplified Control Strategy for Shunt Active Power Line Conditioner Working under Unbalanced Non-Sinusoidal Supply Conditions	MahmadasrafMulla; Sanjay Patel; Chudamani R; AananditaChowdhury
5	1569637247	260	Power sharing in Distributed Power Generation System	Manoj Badoni; Alka Singh, Bhim Singh
6	1569638043	286	Reactive Power Compensation for Integration of Wind Power in a Distribution Network	ShahzadAhsan; Anwar ShahzadSiddiqui; Shagufta Khan
7	1569642259	373	Mater-Slave Current Control DGs in a Microgrid for Transient Decoupling with Mains	Vishal Verma; GirishGowd

Day 2: 7ᵗʰDec.2012 Technical Session III   Time: 1.45 pm – 3.15 pm   Track 2: Renewable Energy System

Seq	EDAS id	ID	Title	Authors

1	1569611495	56	Dependence of Hill Climbing MPPT Algorithm on ADC and Digital Filter Parameters	Rajneesh Kumar
2	1569617107	80	Novel MPPT Technique for SPV Array under inhomogeneous insolation	Venkata Sriram Pullela; Swagnik Bhattacharya
3	1569620569	92	Golden Section Search (GSS) Algorithm for Maximum Power Point Tracking in Photovoltaic System	Jaya Agrawal; Mohan Aware
4	1569624379	146	Advanced Perturbation and Observation (P&O) based Maximum Power Point Tracking (MPPT) of a Solar Photo-Voltaic System	Dinesh Kumar Sharma; Ghanshyam Purohit
5	1569624457	150	Comparative Evaluation of Global Peak Power Point Tracking Techniques For Grid-Connected PV System Operating Under Partially Shaded Condition	Nilesh V. Shah; Chudamani R
6	1569638289	301	Grid-connected photovoltaic system with MPPT and reactive power compensation control	Gitanjali Mehta; Sajjan Pal Singh
7	1569644791	410	Probabilistic method for optimal allocation of wind-based distributed generation with Considering Reliability Improvement and Power Loss Reduction	Saeed Hakimi gilani; Hossein Afrakhte; Mojtaba Jabbari ghadi

Day 2: 7thDec. 2012 Technical Session III   Time: 1.45 pm – 3.15 pm   Track 3: Machines

Seq	EDAS id	ID	Title	Authors
1	1569623103	120	Approximate Analysis Of 2-Dimensional Heat Conduction In The Rotor Of An Induction Motor During Reactor Starting	Ashok Naskar

2	1569623173	123	Comparison of Conventional and Vector Controlled Methods Applied for Single-Phase Induction Motors in Presence of Iron Loss	Hojat Hatami; Mohammad Bagher Bannae Sharifian
3	1569623175	124	A Modified Direct Torque Control Using an Adaptive Flux Observer	Hossein Saberi; Mohammad Bagher Bannae Sharifian
4	1569624289	145	Generalized PWM algorithm for VSI fed Induction Motor Drives Using the only Sampled Reference Phase Voltages	Jupalli Bhavani, J.Amarnath, D. Subba Rayudu
5	1569625229	167	Microcontroller Based Single-Phase Simplified Nine-Level Inverter Fed Induction Motor	I William Christopher; R Ramesh; A Deepa; K Hemalatha; S Madhubala; J Hemalatha
6	1569637909	280	A Novel Switching Scheme for Three Phase PWM AC Chopper Fed Induction Motor	Jose Thankachan; George Saly
7	1569639309	340	Improved Dynamic Performance of Fuzzy Based DTC Induction Motor Using Bus-Clamped SVM	Venkataramana Naik N, S.P. Singh
8	1569641027	361	Improve the Dynamic Performance of Doubly Fed Induction Generator under Load Variation in an Islanded Micro-grid	Mehran Sabahi
9	1569644775	407	A Novel Type-2 fuzzy Logic Control of Induction Motor Drive using Scalar Control	Venkataramana Naik N, S.P. Singh

Day 2: 7ᵗʰDec.2012 Technical Session III   Time: 1.45 pm – 3.15 pm   Track 4: Industrial Application

Seq	EDAS id	ID	Title	Authors
1	1569610987	46	A Switched-Capacitors Based Multilevel Boost Inverter with	Alekh Ranjan, Krishna Kumar Gupta,Lalit Kumar, Shailendra Jain

Seq	EDAS id	ID	Title	Authors
			Single Input Source	
2	1569622941	117	Application of Accelerated Particle Swarm Optimization To Multi Level Diode Clamped Inverter	SreedharMadichetty, Mr; DasguptaAbhijit
3	1569622975	118	A Space-Vector modulation scheme for a Four-level Dual Inverter fed Open-end Winding Induction Motor Drive	Barry Venugopal Reddy
4	1569624139	141	New Cascaded Multilevel Inverter Topology With Reduced Variety of Magnitudes of dc Voltage Sources	EbrahimBabaei
5	1569638163	291	TYPE-2 Fuzzy based SVM for Two-Level Inverter fed Induction Motor Drive	Durga Gadwala, T.Abhiram, M.K.Pathak
6	1569638357	305	Sensitivity Analysis of Model-Based Controller Applied to Loss Minimization of Induction Motor	Anil Chandrakanth S, Navneet Kumar,Thanga Raj Chelliah, S.P. Srivastava
7	1569644551	398	Comparative Performance Analysis of Shunt Active Power Filter and Hybrid Active Power Filter using FPGA-Based Hysteresis Current Controller	Santanu Dash; Nirjharini Sahoo; Gayadhar Panda

Day 2: 7thDec.2012 Technical Session IV   Time: 3.30 pm – 5.00 pm   Track 1: Power Systems

Seq	EDAS id	ID	Title	Authors
1	1569617667	85	Average Current Control Of a 2.5 KW Front-end Unity Power Factor Boost Rectifier With Asymmetric Bridge-less Topology	Shishir Suresh Kulkarni; Vinayak Shet

2	1569620929	96	Comparative Study of Different Residential Illumination Appliances Based on Power Quality	Karuna Nikum, Rakesh Saxena
3	1569621829	106	Dynamic Modeling of UPFC based on Indirect Matrix Converter	Ebrahim Babaei; Farzad Mohammad zadeh Shahir
4	1569621833	107	New Control Methods for Matrix Converter based UPFC Under Unbalanced Load	Ebrahim Babaei; Farzad Mohammad zadeh Shahir
5	1569623063	119	A New Topology for Shunt Active Filter without DC-link Based on Direct AC/AC Converter	Farid Atash Bahar; Behrooz Tusi; Ebrahim Babaei
6	1569640423	348	A Simplifies Control Strategy for Series Hybrid Active Power Filter that Compensate Voltage Sag, Swell, Unbalance and Harmonics	Mahmadasraf Mulla; Payal Patel; Chudamani R; Anandita Chowdhury
7	1569644533	396	Shunt active power filter as front end converter for DC loads	Syam Naresh Garlapati; Rajesh Gupta

Day 2: 7ᵗʰDec.2012 Technical Session IV   Time: 3.30 pm – 5.00 pm   Track 2: Renewable Energy Systems

Seq	EDAS id	ID	Title	Authors
1	1569611785	65	Analyzing Optimum Power Capability of Plant in Micro Grid during Transient Conditions using VF Controller	Monika Jain, Sushma Gupta, Deepika Masand, Gayatri Agnihotri
2	1569613019	73	A Holistic System for Fair Value Compensation in EV-Batteries based Mobile Microgrid	RaziqYaqub; Azaz Tariq; Yu Cao
3	1569621727	102	Optimal Allocation of SPV based DG System for Loss reduction and Voltage Improvement in Radial Distribution Systems Using Approximate Reasoning	Majid Jamil, Sheeraz Kirmani

4	1569621843	109	Optimal DG Placement and Sizing in Distribution Systems Using Imperialistic Competition Algorithm	Arash Mahari; Ebrahim Babaei
5	1569625037	160	Optimal Hybrid Power System design using HOMER	Dinesh Yadav; Sai Pranith Girimaji; Trilochen Bhatti; Dr.Ibraheem
6	1569635517	235	Interconnection Issues for Distributed Resources in a Smart Distribution System	Mini Thomas; ParveenTerang
7	1569637057	258	An Advanced Frequency Drift method for Islanding Detection of an Inverter Interfaced Grid Connected Distributed Generation	Pankaj Gupta; Ravinder Bhatia; Dinesh Jain; Rajveer Mittal

Day 2: 7thDec.2012 Technical Session IV   Time: 3.30 pm – 5.00 pm   Track 3: Machines

Seq	EDAS id	ID	Title	Authors
1	1569624159	142	PID Control of Maglev Guiding System for Linear Elevator	Maryam Moazen; Mohammad Bagher Bannae Sharifian; Hadi Afsharirad
2	1569636565	247	ANN based Space Vector for a Three-Phase Diode Clamped Five-Level Inverter	Durga Gadwala, N.Venkataramana Naik, M.K.Pathak
3	1569641219	363	Design of Class-A Chopper for Minimizing Load Voltage Ripple	Anupam Agarwal; Dheeraj Joshi
4	1569642251	372	Hybrid PI Speed Controllers for Permanent Magnet Brushless DC Motor	Vishal Verma; Harish Kumar; RenuBhardwaj
5	1569644387	393	Realization of a Novel Current Mode Fully Differential PID (FDPID) Controller	Pragati Kumar; Rakesh Verma

6	1569644541	397	Performance Evaluation of BLDC Motor with Conventional PI and Fuzzy Speed Controller	ArchnaGarg; Madhusudan Singh
7	1569644675	401	Implementation of NARMA-L2 Neuro controller for Speed Regulation of Series Connected DC Motor	SudarshanValluru; Madhusudan Singh, Nawratna Kumar
8	1569644771	406	PWM Schemes for Average Line to Line Voltage Based Sensorless Control of BLDC Motor	Satishbabu Bhogineni, K.R.Rajagopal

Day 2: 7thDec.2012 Technical Session IV   Time: 3.30 pm – 5.00 pm   Track 4: Industrial Application

Seq	EDAS id	ID	Title	Authors
1	1569631439	226	Artificial Intelligence Based Control of 3D Inverted Pendulum	Manish Verma; Prerna Gaur; Alok Mittal; SkJha
2	1569637325	263	Simulation of Virtual SCADA System using LabVIEW	Narendra Kumar; Uttam Kumar
3	1569637687	274	Mathematical Modelling and Simulation of CSTR Using MIT Rule	Narendra Kumar; Neha Khanduja
4	1569638215	298	Novel Approach for Measurement of High Current By Piezoelectric Technology	Avinash Katkar, Elijah Tintius Toppo, M.F.A.R.Satarkar
5	1569639223	338	Control of 2-DOF Robotic Manipulator using Brushless DC motor to track the motion of object in a plane	Deepak Saini, Dr. Prerna Gaur
6	1569644051	389	Fail-Safe Operation and Reliability Enhancement of Distributed Process Plant with PLC	Parmod Kumar; Karan Singh

| 7 | 1569652051 | 411 | Investigations of Model Order Reduction Techniques for Large Scale Linear Systems | Chandan Kumar; SkJha; Prerna Gaur |

Day 3: 8thDec.2012 Technical Session V   Time: 9.30 am – 11.30 am   Track 1: Power Systems

Seq	EDAS id	ID	Title	Authors
1	1569620561	91	Fuzzy Logic Based Control of STATCOM for Mitigation of SSR	S T. Nagarajan; Narendra Kumar
2	1569623837	136	Placement of Compensation Devices Based on CCT Assessment for Transient Stability Enhancement	Deepshikha Singla; Parshuram Sharma
3	1569632377	229	Mitigation of Induction Generator Effect Due to SSR with STATCOM in Synchronous Generator	S T. Nagarajan; Narendra Kumar
4	1569634801	233	An Induction Machine Damping Unit for Damping SSR in a Series Compensated Power System	Narendra Kumar; PrakashChittora
5	1569636625	249	Multi-objective Reactive Power Management using Differential Evolution	Laxmi Srivastava; Himmat Singh
6	1569636879	253	Software PLL Based Control Algorithm for Power Quality Improvement in Distribution System	Sabha Raj Arya; Bhim Singh
7	1569637949	282	Design of PID-PSS and SVC in a Multi-machine System for Damping of Power System Oscillations Using Genetic Algorithm	Hitesh Jariwala; AnanditaChowdhury
8	1569638335	304	Transient Stability Analysis of Power System using BCU method and Ray Technique	Subhasis Mitra Roy; Dinesh Yadav; Sai Pranith Girimaji; Trilochen Bhatti

| 9 | 1569638387 | 309 | A Comparative Study of Damping Subsynchronous Resonance Using SSSC and STATCOM | Narendra Kumar; NishaKamboj; Ajendra Singh |

Day 3: 8thDec.2012 Technical Session V   Time: 9.30 am – 11.30 am   Track 2: Renewable Energy Systems

Seq	EDAS id	ID	Title	Authors
1	1569621511	100	Implementation of response surface methodology for on metal oxide based aqueous supercapacitor	Parashuram Balwant Karandikar; Dhananjay Talange; Akshay Kumar Dekate; Atul Singh
2	1569623265	127	Optimal power flow using iteration particle swarm optimization	Tohid Ghanizadeh; Ebrahim Babaei
3	1569630699	221	Space Based Solar Power (SBSP): An Emerging Technology	Rugved Bidkar
4	1569635831	242	Solar Power Charger with Universal USB Output	Burak Akin
5	1569636857	250	Autonomous Wind Energy Conversion System Employing Synchronous Generator	Shailendra Sharma; Bhim Singh
6	1569638087	287	Energy Optimization in Wireless Communication Network through Renewable Energy Sources (RES)	Amit Kumar; Tanvir Singh; DivyaKhurana
7	1569638743	335	Steady State Analysis Of Three Phase Self Excited Induction Generator Using MATLAB GUI to Feed Single Phase Loads With Three Capacitor Configuration	Rajesh Kr. Ahuja, S S Murthy
8	1569641163	362	Optimization of Solar Power by Azimuthal Angle and Neural Network Control of a PV Module	Rahul Dubey; Dheeraj Joshi

Day 3: 8ᵗʰDec.2012 Technical Session V   Time: 9.30 am – 11.30 am   Track3 : Machines

Seq	EDAS id	ID	Title	Authors
1	1569621835	108	Hysteresis Control of a Three-Phase to Two-Phase Matrix Converter	Mohammad BagherBannaeSharifian; Ebrahim Babaei; Maede Sadat Mirazimi
2	1569622291	111	Analysis Of Interharmonics In Conventional And Matrix Converter Fed Adjustable Speed Drives	B Geetha Lakshmi; Sivajanani@ Santhoshma; K Babu
3	1569625471	177	Realization of Fibonacci Search Algorithm for single phase Matrix Converter	ShubhamVerma; VineetaAgarwal
4	1569638103	289	sliding mode control of dual- buck full- bridge inverter	Satish Kumar; Rajesh Gupta
5	1569638729	334	Harmonic Analysis of Slip Power Recovery Drives	Kavita Jaiswal; Dheeraj Joshi; Duli Chand Meena
6	1569639741	346	Improved Power Quality Flyback Converter fed PMBLDCM Drive	Sanjeev Singh; Bhim Singh
7	1569640771	350	Leverrier's Algorithm based Modeling of Higher-order dc-dc Converters	Man Mohan Garg; Yogesh Hote; Mukesh Pathak
8	1569642911	377	Performance analysis of a DC Motor Fed from ZCS-Quasi-resonant Converters	Mallapu Vijayakumar; Kaliyaperumal Deepa
9	1569643809	386	Implementation And Comparison Of A New Moc With Post Regulators	T Deepti; Kaliyaperumal Deepa, Satheesh Chandran
10	1569644179	392	Implementation of a New Multi output Push-Pull Primary ZVS Converter	Mohana Krishnan Sharika; MallapuVijayakumar; Kaliyaperumal Deepa

Day 3: 8thDec.2012 Technical Session V   Time: 9.30 am – 11.30 am   Track 4 : Industrial Applications

Seq	EDAS id	ID	Title	Authors
1	1569609995	30	Full Bridge Series Resonant Inverter For Induction Cooking Application	Vijaya Devara, Dr.N.Vishwanathan
2	1569619255	87	HVDS approach for reducing the Technical and Non-technical losses to enhance the Electrical Distribution System performance	SushmaBasani; PallikondaBabu, Ashwin Kumar
3	1569623301	129	Mathematical Modeling and Transient Analysis of DC-DC Buck-Boost Converter in CCM	Hamed Mashinchi Mahery; Ebrahim Babaei
4	1569623309	130	Modeling and Stability Analysis of Buck-Boost DC-DC Converter Based on Z-Transform	Hamed Mashinchi Mahery; Ebrahim Babaei
5	1569626249	201	Stability Analysis of Boost DC-DC Converter Using Z-Transform	Ebrahim Babaei; Hamed Mashinchi Mahery
6	1569629685	217	An Improved and Simple Loss Reduction Technique of Distribution and Transmission (T&D) Networks in Power System	Tapas Halder
7	1569637293	262	Development of Synchronization system of Two Spark Gaps	Rohit Kumar
8	1569642821	376	Implementation of a SISO-ZVS Push-Pull Converter Fed DC Servo Motor	Kaliyaperumal Deepa; Mallapu Vijayakumar; Mohana Krishnan Sharika

Day 3: 8thDec.2012 Technical Session VI   Time: 1.30 pm – 3.30 pm   Track 1 : Power Systems

Seq	EDAS id	ID	Title	Authors
1	1569610019	31	Use of Phasor Measurement Unit (PMU) for Large Scale Power System State Estimation	Jitender Kumar; JitenderRai, Naimul Hasan
2	1569611779	64	Techno-Economic Feasibility of HVDS Concept for Distribution Feeder Power Loss Minimisation	MdSarwar; ZainulJaffery; Anwar ShahzadSiddiqui; Imran Ahmad Quadri
3	1569623125	121	Fault Location Scheme on a Three Phase Transmission Line using Synchronized Phasor Measurement	Ahmed ShariqueAnees; Mohammad Rizwan; MajidJamil
4	1569625085	163	Comparison of Vector-Based Hysteresis Current Control Schemes for Three-Phase Three Wire Shunt Active Power Filter	Rachana Patel; Jayendra Patel; Pinkal J. Patel
5	1569631859	227	Newton-Raphson Power Flow Models of Static VAR Compensator	Bahadur Singh Pali; Suman Bhowmick; Narendra Kumar
6	1569637745	276	GA based Multi objective Economic Load Dispatch by Maximization Of Minimum Relative Attainments	N.K.Jain, Uma Nangia, Jyoti Jain
7	1569638455	316	Broadband over Power Lines Implementation Roadmap for a Smarter Grid: A case study for Indian Power Sector	Mini Thomas; VinayChandna; SeemaArora

Day 3: 8ᵗʰDec.2012 Technical Session VI   Time: 1.30 pm – 3.30 pm   Track 2 : Renewable Energy Systems

Seq	EDAS id	ID	Title	Authors
2	1569611017	47	Novel Hybrid Modulation for High-Frequency-Link Inverters for Renewable Energy	SudipMazumder

2	1569612025	70	An Enhanced Controller for Shunt Active Filter Interfacing Renewable Energy Source and Grid	K Ilangokaruppasamy; Manitha P.V. Manjula Nair
3	1569638177	292	Per Capita Generation through SPV: feasibility and prospects in India	Abrar Ahmad; Anwar Shahzad Siddiqui; Ahmed Sharique Anees; Naqui Anwer
4	1569638359	306	Renewable Energy: Indian Competitive Electricity Marketplace and Future Aspects	N.K.Sharma, Prashant Kumar Tiwari; Yog Raj Sood
5	1569640861	353	Design of Mini Hydro Power plant on Small Weir: Need based Technology for Rural Electrification	SaralaAdhau, Dr. R. M. Moharil , Mr. P. G. Adhau
6	1569640863	354	Integration of natural resources for green power reliability	Mrs. Manisha H. Sabley, Sarala Adhau, Dr. R. M. Moharil
7	1569644009	387	Design of a DC-DC Converter for Photovoltaic Solar system	SudhaBansal; Lalit Mohan Saini; Dheeraj Joshi
8	1569644511	395	Grid Integration of Renewable Energy Sources: Challenges, Issues and Possible Solutions	Ahmed Sharique Anees

Day 3: 8thDec.2012 Technical Session VI   Time: 1.30 pm – 3.30 pm   Track 3 Semiconductor Devices

Seq	EDAS id	ID	Title	Authors
1	1569624451	148	Wideband Voltage Followers with Improved Performance and High-Frequency Analog Electronic Circuits	Urvashi Singh
2	1569625209	166	On Improving the performance of Traff's Comparator	Ranjana Sridhar; Neeta Pandey; Veepsa Bhatia; Asok Bhattacharya

3	1569626069	193	Digital Control of Zero Voltage Switching Buck Converter Using PIC Microcontroller	Neethu Mohan, Dr.Mukti Barai
4	1569626625	207	Low Power Multi-Threshold MOS Current Mode Logic Asynchronous Pipeline Circuits	Kirti Gupta; Neeta Pandey; Maneesha Gupta
5	1569635903	244	Improved Power Quality Converter Based Electronic Ballast with High Power Factor	Ashish Shrivastava; Bhim Singh
6	1569638205	297	Voltage Mode Biquadratic Filter using Single OTRA	RajeshwariPandey; Neeta Pandey; Sajal Paul; Mandeep Singh Singh; Manish Jain
7	1569638269	299	A Novel Multifunction Modified CFOA based Inverse Filter	Rambhagat Sharma; BhavneshJaint; Kamini Garg
8	1569638467	317	Low-voltage Current Mirror with extended Bandwidth	Maneesha Gupta; Abhinav Malhotra; Anu Malik

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1	1569611795	66	A Multiple Input DC-DC Converter for Interfacing of Battery/Ultracapacitor in EVs/HEVs/FCVs	Lalit Sahu
2	1569622939	116	Experimental Verification of Minority Charge Carrier Inspired Algorithm Applied To Voltage Source Inverter	Sreedhar Madichetty, Mr; Dasgupta Abhijit
3	1569629681	216	An Improved and Simple Hybrid Energy Recovery Snubber Circuit for Generic Power Converters and Protection Scheme	Tapas Halder

4	1569631145	224	Effective Power and Energy Management for The Dual Source Hybrid Electric Vehicle Based On The Measured Drive Cycle	Patel Sagar Mohanbhai, Pritesh Mohanbhai Patel
5	1569638409	312	Sensitivity Analysis of Pantograph-Catenary System Model	PriyaMahajan; RachanaGarg; Parmod Kumar
6	1569639433	341	Electric Vehicle and Grid Interface with Modified PWM Rectifier and DC-DC Converter with Power Decoupling and Unity Power Factor	Arun Verma; Bhim Singh; D Shahani
7	1569643547	384	Design, Modeling and Implementation of Bi-directional Buck and Boost Converter	Sumanth Pala, Dr.S.P.Singh