

Venue: THE HOTEL LALLGARH PALACE, BIKANER, RAJASTHAN, INDIA

S. No	Paper ID	Date of Presentation	Title
1. Power Electronics, HVDC Transmission, FACTS, Electric Drives. Instrumentation, Smart grid.			
Session: S-1		Venue: H-1	
Time: 2:00 PM – 3:30PM			
1	2	25-Nov	A Topology Selection: An Isolated Flyback Converter
2	39	25-Nov	A Novel Design of Tactile Sensor using Piezoresistive Cantilever for Robotic Application
3	43	25-Nov	Variable step Learning Based Control Algorithm for Power Quality in PMSG Based Power Generation System
4	81	25-Nov	Application of Stockwell Transform in Bearing Fault Diagnosis of Induction Motor
5	109	25-Nov	Thyristor Converters are more energy Efficient than Diode Converters for the Electrolysis of the non-ferrous metals-A case study in Aluminium Smelters at Hindalco, India
6	132	25-Nov	Development & simulation of dynamic conductance based High Intensity Discharge lamp model driven by Low Frequency Square Wave electronic ballast
7	252	25-Nov	Effect of Plug-in Electric Vehicles on Load Frequency Control
8	839	25-Nov	Experimental Evaluation of Interleaved DC-DC Converters for Maximum PV Power Tracking
Session: S-2			
Venue: H-2		Time: 2:00 PM – 3:30PM	
9	291	25-Nov	Hysteresis Current Control of Switched Reluctance Motor Using Three Term Inductance Model
10	455	25-Nov	Speed Estimation of Induction Motor using TMS320F28335 Digital Signal Processor
11	489	25-Nov	Premature Failure of Modern Turbine Generator Rotor Windings

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12	548	25-Nov	Simulation of Wind Turbine Emulator using DC Motor and its Connection with PMSG
13	566	25-Nov	Rotor resistance estimation for induction motor using model reference adaptive controller
14	575	25-Nov	Comparative Performance Analysis of Decoupled SVPWM Techniques for a Four – Level Open End Winding Induction Motor Drive
15	599	25-Nov	Experimental Analysis of Power Factor Correction using Magnetic Energy Recovery Switch
16	609	25-Nov	Development of visualization toolbox for monitoring electromechanical oscillations
Session: S-3		Venue: H-3	Time: 2:00 PM – 3:30PM
17	615	25-Nov	A Single Stage Smoothing Filter for the Speed Estimation of Induction motor
18	645	25-Nov	Electrical Characteristics of 14nm SiC-3C Channel SOI FinFET with Dual-k Spacer
19	660	25-Nov	Power Flow Control and Implementation of PFC Rectifier for DC Motor Drive
20	701	25-Nov	Modelling and Design of a Modified Neuro-Fuzzy Control-based IM Drive via Feedback Linearization
21	712	25-Nov	DTFC-SVM for Three-Level Diode Clamped Inverter Fed IM Drive
22	724	25-Nov	Design of Wireless Sensor Network based Fuzzy Logic Controller for a Cold Storage System
23	738	25-Nov	Energy Efficient and Secure Data Aggregation with Malicious Aggregator Node Detection (ESMD) in WSNs
24	777	25-Nov	Benchmarking of Text Segmentation in Devnagari Handwritten Document

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Session: S-4				Venue: H-4	Time: 2:00 PM – 3:30PM
25	790	25-Nov	Online Monitoring and Protection of Voltage Stability for LCC Based HVDC System		
26	791	25-Nov	A New Cross Switched cascaded Multilevel Inverter Topology with Reduced Number of Switches		
27	805	25-Nov	Hybrid Control for High Efficiency LLC Resonant Converter		
28	808	25-Nov	Sliding Mode Observer for Speed Sensorless Field Oriented Control of Induction Motor		
29	815	25-Nov	Brushless Induction Excited Synchronous Generator with Induction Machine Operating in Plugging Mode		
30	820	25-Nov	Effect of Pole Placement of a Full Order State Observer in Sensorless Speed Estimation of Brushed DC Motor		
31	826	25-Nov	Ultrasound based assistive mobility devices for the visually impaired		
2. Power quality, Robotics, Electric Vehicles.					
Session: S-5				Venue: H-1	Time: 3:30 PM – 5:00PM
1	68	25-Nov	Performance Evaluation of D-STATCOM For Mitigation of Power Quality Problems At Different Source And Load Side Fault Conditions		
2	79	25-Nov	Design and Simulation of Vibration based Energy Harvesting Device with Stepped cantilever beams		
3	90	25-Nov	Performance Comparison of Reference Current Extraction Techniques for Indirect Current Control Based Shunt Active Filter		
4	143	25-Nov	Damping of Power System Oscillations using RCGA optimization based TCSC controller		
5	297	25-Nov	Electric Vehicle Batteries; A Selection based on PROMETHEE Method		

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6	323	25-Nov	Energy management in hybrid electric vehicles using Particle swarm optimization method
7	330	25-Nov	Finding Optimal Driving strategy of Electric Vehicle during Deceleration with Serial Regenerative Braking
8	359	25-Nov	Power flow Control with Different Operating Modes of UPFC
Session: S-6		Venue: H-2	Time: 3:30 PM – 5:00PM
9	364	25-Nov	Comparative analysis of 6,12 and 48 pulse T-STATCOM
10	370	25-Nov	Current Controlled Voltage Source Inverter Based Amplifier for Power Hardware in Loop Simulation Using Miniature Full Spectrum Simulator
11	408	25-Nov	Fuzzy Logic Based Dynamic Voltage Restorer for Mitigating Various Power Quality Problems
12	460	25-Nov	Modular Multilevel E-STATCOM Considering Distributed Energy Storage at the DC Link
13	505	25-Nov	Optimal Voltage Unbalance Compensation in a Microgrid Using PSO Algorithm
14	525	25-Nov	Harmonic Analysis of Residential Load Based on Power Quality
15	556	25-Nov	Space Phasor based HCC for Shunt Active Power Filter with Reduced Average Switching Frequency
16	641	25-Nov	Speed Control of a Three Phase Induction Motor Using DSP Controller and Harmonic Reduction Using Passive Filter
Session: S-7		Venue: H-3	Time: 3:30 PM – 5:00PM
17	707	25-Nov	Firing Angle Optimization of Seven-Level Cascaded H-bridge Multilevel Inverter with Un-Equal DC Sources using GSA approach
18	771	25-Nov	XILINX-FPGA Implementation of Space Vector PWM Technique for Three-Phase Five Level Cascaded H-Bridge Inverter

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19	817	25-Nov	A Novel Three Phase 7-Level Asymmetrical Multilevel Inverter with Reduced number of Power Electronic Switches
20	834	25-Nov	Full Bridge Level Doubling Network Assisted Multilevel DC Link Inverter
21	851	25-Nov	Control of DVR Using SPLL Strategy in Distribution System
3. Power System their control, Micro Grid, Electric Trading, Power System Protection, Power System Security.			
Session: S-8		Venue: H-4	Time: 3:30 PM – 5:00PM
1	74	25-Nov	The Cross Border Power Trading for Humanity & Friendship
2	85	25-Nov	Comparative Analysis of Fault Resistance Compensation Methods for Mutually Coupled Parallel Transmission Lines
3	177	25-Nov	Generation Adequacy Assessment for Microgrid with ESS
4	188	25-Nov	Multi-objective Economic Emission Load Dispatch Using Modified Biogeography Based Optimization Algorithm
5	209	25-Nov	Stability enhancement of DC-DC converters using robust droop control scheme and circulating current elimination in dc micro-grid
6	230	25-Nov	Over Current Relay Coordination of Modified IEEE Test Systems with Distributed Generation Using Genetic Algorithm Approach
7	231	25-Nov	Performance Evaluation of Neural Networks for Short-Term Price Forecasting
8	242	25-Nov	Chattering Free Sliding Mode Controller For Load Frequency Control Of Multi Area Power System In Deregulated Environment
Session: S-9			
		Venue: H-1	Time: 5:15 PM – 6:45 PM
9	267	25-Nov	A Preliminary Study Towards Conceptualization and Implementation of a Load Learning Model for Smart Automated Demand Response
10	270	25-Nov	Small Signal Stability and Coherency Analysis of Northern Regional Power Grid of

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			India
11	348	25-Nov	Blocking of Distance Relays Zone3 under Load Encroachment Conditions Using Decision Tree Technique
12	356	25-Nov	Resilience Assessment using Microgrids in Radial Distribution Network
13	386	25-Nov	Coordination of Electro-mechanical Based overcurrent Relays Using CMA-ES algorithm
14	337	25-Nov	Application of Gravitational Search Algorithm to Analyse Economic Load Dispatch in Power System Network.
15	431	25-Nov	Availability Based Distributed Resource Management of Microgrid
16	546	25-Nov	Real-Time Parameter Estimation of Single-Phase Transformer
Session: S-10		Venue: H-2	
Time: 5:15 PM – 6:45 PM			
17	643	25-Nov	A Robust STFT Based Algorithm for Detection of Symmetrical Fault during Power Swing
18	662	25-Nov	Combined Optimal DG Placement and Reactive Power Management in Unbalanced Distribution Systems
19	702	25-Nov	Byzantine Fault Tolerance for Real Time Price in Hierarchical Smart Grid Communication Infrastructure
20	717	25-Nov	Application of Firefly Algorithm Optimized Fuzzy 2DOF-PID Controller for Load Frequency Control of Multi-source power system
21	793	25-Nov	Price Prediction Techniques For Residential Demand Response Using Support Vector Regression
22	797	25-Nov	Paralleling Of Inverters With Dynamic Load Sharing
23	849	25-Nov	Optimum method for diagnosis of SF6 leakage in Gas Insulated Switchgear
24	597	25-Nov	Aggrandize Text Security And Hiding Data Through Text Steganography

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4. Renewable energy sources and storage, solar PV & Wind system			
Session: S-11		Venue: H-3	
Time: 5:15 PM – 6:45 PM			
1	75	25-Nov	Optimal Sizing of a PV/Wind Hybrid System using Pigeon Inspired Optimization
2	106	25-Nov	A Study on the PV potential analysis for grid connected PV system in NIT Rourkela
3	110	25-Nov	Wind Solar Hybrid System – An innovative and Smart Approach to Augment Renewable Generation and Moderate Variability to the Grid
4	261	25-Nov	Control And Operation Of Grid-Connected Solar Photovoltaic For DC Microgrid Application
5	263	25-Nov	Implementation of a Fuzzy Logic Based Perturb and Observe Approach for Maximum Power Point Tracking of Solar PV Modules
6	266	25-Nov	A State of Art Review and Challenges with Impedance Networks Topologies
7	290	25-Nov	Fuzzy Logic Control of OWC Wave Energy Plant for Preventing Wells Turbine Stalling
8	294	25-Nov	ANFIS Based Energy Management Strategy for PV/Wind/Battery Hybrid Energy System
9	396	25-Nov	Performance analysis and implementation of high speed MAP decoder for long term evolution
Session: S-12		Venue: H-4	
Time: 5:15 PM – 6:45 PM			
10	414	25-Nov	Off Grid Rural Electrification Using Integrated Renewable Energy System
11	440	25-Nov	PV Solar Farm As Statcom For Voltage Regulation
12	520	25-Nov	Detection of Transmission Line Faults in the Presence of Solar PV System Using Stockwell's Transform
13	530	25-Nov	Comparative Reliability Study of Existing & Proposed Configurations of a PV Plant

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14	532	25-Nov	Analysis of Isolated Bi-Directional DC-DC Converters for the Performance Enhancement of Photovoltaic System and Energy Storage System
15	598	25-Nov	Development of a wind turbine simulator using separately excited DC motor for Induction Generator Testing
16	650	25-Nov	Current Source Inverter with reduced leakage current for Transformer-less Grid -PV interface
17	661	25-Nov	A Novel PV Inverter Control for Maximization of Wind Power Penetration
18	827	25-Nov	A Hybrid Modular Multilevel Converter for Solar Power Integration

S. No	Paper Id	Date of Presentation	Title
1. Power Electronics, HVDC Transmission, FACTS, Electric Drives. Instrumentation, Smart grid.			
Session: S-13		Venue: H-1	Time: 8:15 AM – 9:45 AM
1	16	26-Nov	Performance Analysis of Temperature Controllers for Injection Moulding Machine
2	93	26-Nov	QoS Enhancement of IEEE 802.11n WLAN
3	98	26-Nov	Dual PID Loop Controller for HF Link Inverter in Two-Stage SST
4	108	26-Nov	Parameter Dependent Invariant Manifolds To Construct Approximate Slow and Fast Models of a Multi Machine Power System
5	113	26-Nov	Effect of Coil Geometry and Shielding on Wireless Power Transfer System
6	114	26-Nov	Effects of Coil Misalignment in a Four Coil Implantable Wireless Power Transfer System
7	122	26-Nov	Direct Torque and Power Controlled PMSM Drive
8	706	26-Nov	Enhancement Of Ecg Signal Using Emd And Hurst-Based Mode Selection Technique
Session: S-14		Venue: H-2	Time: 8:15 AM – 9:45 AM

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9	195	26-Nov	Primary Frequency Support by Virtual Synchronous Generator with Precise Frequency Detection Techniques
10	254	26-Nov	Investigation on Dielectric Properties of HDPE with Alumina Nano Fillers
11	273	26-Nov	MRAS Based Speed Estimation of Single Stage Solar Powered Vector Controlled Induction Motor Drive For Water Pumping
12	324	26-Nov	ISTF-PID BASED D.C. SERVO MOTOR CONTROL
13	391	26-Nov	Low Cost PV Based Irrigation Pump using SR Motor with Cascaded 'Bo-Bu' Converter
14	411	26-Nov	Grid Interactive Solar PV Based Water Pumping Using BLDC Motor Drive
15	424	26-Nov	FPGA Based Adaptive Delta Modulated Direct Matrix Converter
16	448	26-Nov	Application of Fuzzy Q Learning (FQL) Technique to Wind Turbine Imbalance Fault Identification Using Generator Current Signals
Session: S-15		Venue: H-3	Time: 8:15 AM – 9:45 AM
17	540	26-Nov	Intelligent Task Repeatability of an Industrial Robotic Arm
18	553	26-Nov	A study of different hard-switched and soft-switched variants of buck-boost converter
19	555	26-Nov	An 18-Pulse AC-DC Converter-Fed 27-Level Inverter Based Vector Controlled Induction Motor Drive
20	577	26-Nov	Voltage and Power Flow Controlled Parallel DC-DC Converter System
21	618	26-Nov	Reactive Power Control of Induction Motor Drive using Chopper Operated Slip Power Recovery Scheme
22	623	26-Nov	Double Stage Solar PV Array Fed Water Pump Driven by Permanent Magnet Synchronous Motor
23	626	26-Nov	Design and Implementation of Fuzzy and Neuro-fuzzy controller for Robot Navigation

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24	649	26-Nov	Selection of Most Relevant Input Parameters Using WEKA for Artificial Neural Network Based Concrete Compressive Strength Prediction Model
Session: S-16		Venue: H-4	Time: 8:15 AM – 9:45 AM
25	682	26-Nov	Design And Evaluation Of Charge Pump
26	719	26-Nov	Theoretical Estimation of Core Loss in a Trapezoidal Back-EMF Motor
27	740	26-Nov	Brushless DC Motor Based Ceiling Fan Using Buck-Boost Converter
28	745	26-Nov	Energy Efficient Density-Based K Clusters for Wireless Sensor Networks
29	765	26-Nov	Forearm Movements Classification Of Emg Signals Using Hilbert Huang Transform And Artificial Neural Networks
30	770	26-Nov	Theory of the Effect of Torque and re-Torque Practices on Electrical Connectors with Clamping Fasteners
31	796	26-Nov	Implementation and designing of FIR filters using Kaiser window for De-Noising of Electrocardiogram Signals on FPGA
32	798	26-Nov	Reconfigurable FIR Filter for Denoising of ECG signal
Session: S-17		Venue: H-5	Time: 8:15 AM – 9:45 AM
33	824	26-Nov	Efficient Design of Digital FIR filter and its FPGA implementation using FCSD
34	48	26-Nov	An Analysis Of Power-Factor-Correction Boost Converter's Nonlinear Dynamics Through Bifurcation Diagrams
35	221	26-Nov	Leakage flux monitoring for detection of stator winding faults in three phase induction motors
36	691	26-Nov	Artificial Intelligence Based Automation & Braking System For Cars Using Open Source BCI Technology
37	757	26-Nov	Optimization of initial weights and biases in Multi Layer Feed Forward Neural Network (MLFFNN) using GA incorporated PSO

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38	762	26-Nov	AGC scheme for hybrid power system using BBBC-PID controller
39	161	26-Nov	Gray Scale Image Compression Using Hybridization of PSO-ACO with Guided Filter
40	412	26-Nov	Biometric User Authentication Using Brain Waves
Session: S-18		Venue: H-1	Time: 10:00 AM – 11:30AM
41	467	26-Nov	Simulation of Channel Induction Furnace with Power Electronic Converter
42	380	26-Nov	Novel High Gain Converters Derived Through the Integration of Zeta, Sepic and Flyback Converters
43	418	26-Nov	Application of Superior Magnetic Material Hiperco 50A to minimize Cogging Torque of Permanent Magnet Brushless DC Motor
44	331	26-Nov	Reduction of Torque Ripples in Five Phase Induction Motor Drive using Instantaneous Voltage Control Method with Three-Level Cascaded Inverter
45	13	26-Nov	Modelling and Simulation of a Fuel Cell System Supplying Power to a Separately excited DC Motor
46	11	26-Nov	A method to estimate the effect of the cutting process on the iron losses
47	76	26-Nov	Dual Output Cuk Converter fed Switched Reluctance Motor Drive
48	821	26-Nov	Brushless Induction Excited Synchronous Motor (BInSyM): A New Motor for High Power Applications
2. Power quality, Robotics, Electric Vehicles.			
Session: S-19		Venue: H-2	Time: 10:00 AM – 11:30AM
1	57	26-Nov	Control of Grid Connected Inverter using Adaptive Network based Fuzzy Inference System (ANFIS) to control Active and Reactive power
2	59	26-Nov	Regulating frequency of supply voltage using matrix converter and comparative evaluation with double end converter

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3	99	26-Nov	Capacitor Voltage Balancing in Back-to-Back Modular Multilevel Converter
4	121	26-Nov	THD Analysis of Three Phase Five Switches Seven Level Inverter with Different Filters
5	128	26-Nov	Comparative Study of FACT Devices used for Stability Enhancement of off Shore Integrated Multi Machine System
6	131	26-Nov	Hybrid Topology for Multilevel Inverter with Reduced Circuit Switches using Carrier based PWM Scheme
7	160	26-Nov	Design & Analysis of D-STATCOM for Power Quality Improvement using ICCT with Conventional Controllers
8	181	26-Nov	A New Binary Hybrid Cascaded H-Bridge Multi Level Converter For Power Quality Applications
Session: S-20		Venue: H-3	Time: 10:00 AM – 11:30AM
9	298	26-Nov	DSC filter based Unit Vector Estimator for Reference generation and control of Dynamic Voltage Restorer
10	311	26-Nov	Integration Methodology of Ultracapacitor - Battery Based Hybrid Energy Storage System For Electrical Vehicle Power Management
11	377	26-Nov	A PFC Based EV Battery Charger Using a Bridgeless SEPIC Converter
12	502	26-Nov	A Consensus Priority Algorithm Based V2G Charging Framework for Frequency Response
13	561	26-Nov	Wireless Monitoring of Power Quality Disturbances in the Supply to Induction Motor
14	648	26-Nov	A Reduced Voltage Rated Unified Power Quality Conditioner for Harmonic Compensations
15	671	26-Nov	Detection of Power Quality Disturbances in The Utility grid Using Stockwell Transform

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16	714	26-Nov	Performance Analysis of Carrier Based PWM Technique for Three Level Diode Clamped Multilevel Inverter with Different Reference Signals
Session: S-21		Venue: H-4	Time: 10:00 AM – 11:30AM
17	763	26-Nov	Condition Monitoring of Induction Motor Using Negative Sequence Component and THD of the Stator Current
18	772	26-Nov	Effectuation in SPWM Technique for 3- Φ VSI using STM32F4 Discovery Board Interfaced with MATLAB
19	809	26-Nov	Thyristor - MOSFET Hybrid Single-Phase Transformerless H-5 Photovoltaic String-Converter
20	841	26-Nov	Bi-Directional Charger for Electric Vehicle with Four Quadrant Capabilities
21	55	26-Nov	Comparison of Control Techniques for Damping of Oscillations in Power System using STATCOM
22	446	26-Nov	Implementation of Passive filter to mitigate power quality problems of an Induction motor at varying loads
23	512	26-Nov	A Smart Solar Power Cultivation Using the Flyback Converter & Multi-Level Inverter
24	568	26-Nov	Design and development of battery operated resonant converter and multiplier based capacitor charging high voltage power supply
Session: S-22		Venue: H-5	Time: 10:00 AM – 11:30AM
25	748	26-Nov	PI and FLC (Triangular and Gaussian MF) based SHAF under Load Variation Using SRF Method
26	176	26-Nov	Single Phase 9 Level Symmetrical Cascaded H-Bridge Inverter For Different PWM Techniques
27	472	26-Nov	Control of Seven Level Cascaded H-Bridge Inverter by Hybrid SPWM Technique
28	644	26-Nov	Voltage Stability Enhancement Of Radial Distribution System By Optimal

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			Placement Of DG and D-STATCOM
29	104	26-Nov	Optimal Placement of DG for Voltage Profile Improvement & Real Power Loss Minimization using SPSO
30	216	26-Nov	Analysis of Transient Stability using Fuzzy Logic Control with FACTS Devices
31	17	26-Nov	Development of Efficient Hybrid Energy Storage for Electric Vehicle
32	392	26-Nov	Analysis of Two Input Buck-Boost DC Converter

3. Power System their control, Micro Grid, Electric Trading, Power System Protection, Power System Security.

Session: S-23				Venue: H-1	Time: 11:30 AM – 1:00PM
1	18	26-Nov	Effect of DG on transient stability and other important aspects of power system		
2	24	26-Nov	Analysis of Faults on Series Compensated EHV Transmission Line in The Presence of Wind Generation		
3	25	26-Nov	Deregulation of Transmission Pricing :MW-Mile Method		
4	28	26-Nov	Diagnosis of Present-Day Cellulosic Insulating Materials used in Electrical Power Industry		
5	30	26-Nov	An Approach to Identify Critical On Load Tap Changing (OLTC) Transformers under Network Contingencies		
6	785	26-Nov	Automatic Image Annotation Using an Ant Colony Optimization Algorithm (ACO)		
7	62	26-Nov	Optimal Capacitor Placement in Distribution System Using Genetic Algorithm		
8	92	26-Nov	A Novel DG Allocation Method For Power Loss Reduction In Radial Distribution System		
Session: S-24				Venue: H-2	Time: 11:30 AM – 1:00PM
9	97	26-Nov	Fault Location in Distribution Network with Distributed Generation: An Overview		

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			and Key Issues
10	117	26-Nov	Influence of distributed generation penetration level on performance indices of unbalance radial feeder
11	119	26-Nov	Voltage Stability Monitoring by Different ANN Architectures using PCA based Feature Selection
12	120	26-Nov	Analysis of Faults in Power System Network in the Presence of Series Compensated EHV Transmission Lines
13	247	26-Nov	A Non-Linear Adaptive Control Strategy for Grid Connected DC Microgrid
14	149	26-Nov	An Optimal Phase Balancing Technique for Unbalanced Three-Phase Secondary Distribution Systems
15	150	26-Nov	Robust Digital Relaying Scheme to Prevent the Miscoordination of Recloser-Fuse in Distributed Generation
16	152	26-Nov	Detection of Transmission Line Faults in the Presence of Wind Power Generation Using Discrete Wavelet Transform
Session: S-25		Venue: H-3	Time: 11:30 AM – 1:00PM
17	153	26-Nov	Optimum method for diagnosis of SF6 leakage in Gas Insulated Switchgear
18	186	26-Nov	Stacked Switched Capacitor Architecture using Electrolytic Capacitors for size reduction
19	840	26-Nov	Design and Simulation of Feedback System to Generate Plasma Arc in Current Source Mode
20	264	26-Nov	An Analytical Approach for Placement of Distributed Generation in Balanced Radial Distribution System Considering Load Variation
21	301	26-Nov	Effect of Particle Surface Treatment on Dielectric Properties of Epoxy-Alumina Nano-composites
22	306	26-Nov	PMU Emulation for Static Security Analysis of Power System
23	313	26-Nov	An Approach Towards Medium Term Forecasting Based on Support Vector

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			Regression
24	316	26-Nov	An Investigation to Guarantee Shape Memory Alloy Wire as a Variable Stiffness Actuator
Session: S-26		Venue: H-4	Time: 11:30 AM – 1:00PM
25	319	26-Nov	Characterization of OIP under repeated lightning impulses
26	329	26-Nov	Serverless Cloud computing framework for Smart grid architecture
27	333	26-Nov	Comparative analysis of Linearization and Point Estimate Methods for Solving Probabilistic Load Flow
28	349	26-Nov	Modelling of Inverter for Stability Analysis of Microgrid
29	367	26-Nov	Power Theft: Major Cause of Non -Technical Losses in Indian Distribution Sector
30	373	26-Nov	Online Estimation and Analysis of Equivalent Circuit Parameters of Three Phase Induction Motor Using Particle Swarm Optimization
31	376	26-Nov	A FFP Based Adaptive Control of SPV System Tied to Weak Grid
32	383	26-Nov	Sinusoidal Tracer Control of Single-Stage SPV-Hydro-Battery Based Microgrid
Session: S-27		Venue: H-5	Time: 11:30 AM – 1:00PM
33	397	26-Nov	Detection of Transmission Line Faults in the Presence of Thyristor Controlled Reactor Using Discrete Wavelet Transform
34	416	26-Nov	Distribution System Expansion Planning Incorporating Distributed Generation
35	442	26-Nov	A Meticulous Approach Towards Contingency Clustering in Power System
36	811	26-Nov	A Neuro Fuzzy Sliding Mode Controller for Load Frequency Problem in Deregulated Environment for Multi Area Power System
37	464	26-Nov	Islanding Based Optimal Placement of Phasor Measurement Units using MILP
38	469	26-Nov	Loop Transfer Recovery Based Control Technique for Grid Integrated SPV System

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39	484	26-Nov	FOGI-QSG Based Control of Multifunctional Grid Tied SECS
40	511	26-Nov	Automatic Generation Control of two-area ST- Thermal power plant Optimized with Grey Wolf Optimization
Session: S-28		Venue: H-1	Time: 1:30 PM – 3:00PM
41	515	26-Nov	Battery Energy Storage in Standalone Microgrid - Synchronization and Transfer between Operating Modes
42	547	26-Nov	Small Signal Stability Analysis and Optimal Control of Multi-area Power System
43	570	26-Nov	Energy Saving Certificate Market in India
44	573	26-Nov	Identification of Type of Internal Fault in Indirect Symmetrical Phase Shift Transformer Based on PRN
45	574	26-Nov	Statistically Generalized Rating For CLR In Power Transmission Systems
46	586	26-Nov	Sniffer Detection and Load Balancing Using Aglets in a Cluster of Heterogeneous Distributed System Environment
47	767	26-Nov	Loss Allocation Method Independent of Dynamic Load Variation
48	589	26-Nov	Grid Voltage Stabilization for Smart Grid Systems
Session: S-29		Venue: H-2	Time: 1:30 PM – 3:00PM
49	606	26-Nov	Power Transformer Failure Analysis using Interval Type-2 Fuzzy Set Theory Based Fault Tree Analysis
50	620	26-Nov	Integrated Tuning of modified PID Load Frequency Controller for Two Area Interconnected System Including Renewable Energy Sources
51	622	26-Nov	Real Time Intelligent Oscillatory Stability Monitoring and Coherent Groups Identification
52	734	26-Nov	Detection of Transmission Line Faults in the Presence of Thyristor Switched Capacitor Using Discrete Wavelet Transform

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53	634	26-Nov	Design and Implementation of High Speed Digital FIR Filter using Unfolding
54	709	26-Nov	Effective Generation of Electrical Energy from Exhaust gases in Automobiles
55	588	26-Nov	A Novel Bidirectional Z-Source DC Circuit Breaker for DC Microgrids
56	457	26-Nov	Solution of Optimal Power Flow Problem with FACTS Devices Using Grey Wolf Optimizer Algorithm
Session: S-30		Venue: H-3	Time: 1:30 PM – 3:00PM
57	204	26-Nov	Evaluation of Optimal Capacity of Pump Storage System in Standalone Green Microgrid with Resource Full Use of RES in Deregulated Power Sector
58	633	26-Nov	Load Management in Intermittent and Weak Grid Communities
59	855	26-Nov	A Novel Method of Frequency Regulation in Microgrid
60	63	26-Nov	Analysis of Different Image Contrast Enhancement techniques
61	158	26-Nov	INVESTIGATION OF FIELD AGED COMPOSITE INSULATORS
62	170	26-Nov	Electricity Demand Forecast
63	258	26-Nov	Hazy image enhancement using Extended Dark Channel prior based Restoration Model
64	394	26-Nov	Design Approach of Integrated Renewable Energy System for Small Autonomous Power System
Session: S-31		Venue: H-4	Time: 1:30 PM – 3:00PM
65	71	26-Nov	Dissolved Gas Analysis (Dga) For Transformer Health Condition
66	872	26-Nov	A Novel Control Scheme for PMBLDC Drive
67	516	26-Nov	Efficient use of Energy Detection Scheme in Improving the Utilization of Licensed Spectrum
68	554	26-Nov	Economic Evaluation of Bagasse Based Cogeneration Plant For Performance

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			Optimization.
69	588	26-Nov	A Novel Bidirectional Z-Source DC Circuit Breaker for DC Microgrids.
70	624	26-Nov	Robust Power System Stabilizer Design Using PSO based DK Iteration
71	862	26-Nov	DESIGN AND ANALYSIS OF LCL FILTER FOR INTERCONNECTION WITH GRID CONNECTED PV SYSTEM
72	874	26-Nov	An Adaptive Controller for Voltage Source Converter Based Scheme for Integrated Solar PV-Grid System
Session: S-32			
		Venue: H-5	Time: 1:30 PM – 3:00PM
73	667	26-Nov	Optimal Placement and Sizing of Distributed Generators by Using Voltage Indexing & Heuristic Method
74	678	26-Nov	Identification of Generator Coherent Groups by Using Center of Inertia and Support Vector Machine
75	688	26-Nov	Under Frequency Islanding Scheme of IEEE 30-Bus System
76	694	26-Nov	Coordinated Control Of Boiler And Turbine In A Power Station
77	699	26-Nov	Artificial Intelligence Based Approach for Secured Protection during Stressed Conditions
78	742	26-Nov	A Multi-level Thresholding for Image Segmentation using Improved PSO Algorithms
79	755	26-Nov	A Scheme For Detecting the Types of Misbehaviour and Identifying the Attacks using Reputation Mechanism in a Mobile Ad-hoc Network
80	82	26-Nov	Hybrid Optimization Model for Smart Grid Distributed Generation Using Homer
Session: S-33			
		Venue: H-1	Time: 3:00 PM – 4:30PM
81	778	26-Nov	A Cooperative Additional Hybrid and Clipping Technique for PAPR reduction in OFDM System

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82	792	26-Nov	Improved Phasor Estimation Algorithm under Transient Conditions
83	866	26-Nov	Biased Neural Network Based Decoupled Voltage and Frequency Controller (DVFC)
84	810	26-Nov	A Study of Large Scale PV Penetration Impact on IEEE-39 Bus Power System
85	837	26-Nov	Novel hybrid cost-priority based Scheduling in Cloud Environment
86	870	26-Nov	A New controller for PMBLDC drive
87	871	26-Nov	Implementation of an Efficient Single-Phase PFC Resonant Converter
88	873	26-Nov	A Normalized Neural Network Based Controller for Power Quality Improved Grid Connected Solar PV System
Session: S-34		Venue: H-2	Time: 3:00 PM – 4:30PM
89	265	26-Nov	An Analytical Approach for Optimal Sizing and Placement of Distributed Generation in Radial Distribution Systems
90	293	26-Nov	Adaptive Distance Relay For Fault Resistance Compensation
91	368	26-Nov	Development of FPGA based MicroPMU for Security Assessment in MicrogridsMicroPMU
92	624	26-Nov	Robust Power System Stabilizer Design Using PSO based DK Iteration
93	710	26-Nov	Pilot Protection Principle Unaffected by Influence of Capacitive Current of EHV/UHV Lines
94	211	26-Nov	Load Frequency Control of Two Grid on Different Frequency using V2G (Vehicle-to-Grid)
95	292	26-Nov	Kids Safe Search Classification Model
96	7	26-Nov	Fault Identification in Power Distribution System by Combined Discrete Wavelet Transform and Fuzzy Logic

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Session: S-35		Venue: H-3		Time: 3:00 PM – 4:30PM	
97	4	26-Nov	Islanding Protection of Active Distribution System with Parallel Inverters		
98	38	26-Nov	Impact of Probabilistic Nature and Location of Wind Generation on Transmission Power Flows		
99	186	26-Nov	Stacked Switched Capacitor Architecture using Electrolytic Capacitors for size reduction		
100	429	26-Nov	Design of Suitable Multi-Phase DC-DC Converter for DC Micro-grid Application		
101	12	26-Nov	Assesment of Wheeling Rate at deregulated Power Market :- A Case Study of Nepalese Power system		
102	649	26-Nov	Selection of Most Relevant Input Parameters Using WEKA for Artificial Neural Network Based Concrete Compressive Strength Prediction Model		
103	860	26-Nov	Network Security Risk Level Estimation Tool for Information Security Measure		

4. Renewable energy sources and storage, solar PV & Wind system

Session: S-36		Venue: H-4		Time: 3:00 PM – 4:30PM	
1	58	26-Nov	Control of Standalone Wind/PV Hybrid Renewable Power Generation		
2	69	26-Nov	Performance of 1 MW Photovoltaic System in Rajasthan: A Case Study		
3	89	26-Nov	Maximum Power Factor Based Vector Control Approach for Synchronous Reluctance Motor Driven Solar PV array Fed Water Pumping System		
4	91	26-Nov	Voltage and Frequency Control with Limited Grid Operation in a Wind-PV-Biogas Based Rural Microgrid		
5	163	26-Nov	Economic Environmental Dispatch with PV Generation Including Transmission Losses using PSO		
6	164	26-Nov	Distance Protection of lines connected to Doubly Fed Induction Generator based wind farms		

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7	730	26-Nov	LMT Based Adaptive Control of Multifunctional Single Stage Three Phase Solar PV Grid Integrated System
8	169	26-Nov	Designing of Electronic Load Controller for 3- ϕ SEIG used in Constant Power Prime-Mover Driven Pico/Micro Hydro Power Generation System
Session: S-37		Venue: H-5	Time: 3:00 PM – 4:30PM
9	212	26-Nov	Modified MISO DC-DC Converter Based PV Water Pumping System
10	234	26-Nov	Comparision Between Conventional and Advance Maximum Power Point Tracking Techniques for Photovoltaic Power System
11	240	26-Nov	Detection of Transmission Line Faults in the Presence of Solar PV Generation Using Discrete Wavelet Transform
12	325	26-Nov	PMSG Based Constant Power Delivery Standalone WECS Using SST with Bidirectional Buck-Boost BESS
13	338	26-Nov	Performance Study of Common DC Link Connected Hybrid Wind and PV System
14	341	26-Nov	Implication of Optimal Performance of Renewable Energy System
15	466	26-Nov	Design of Adaptive Perturb and Observe-Fuzzy MPPT Controller for High Voltage Gain Multilevel Boost Converter
16	498	26-Nov	A Novel MPPT-Based Synchronous Buck Converter for Solar Power System in Fishing Trawler
Session: S-38		Venue: H-1	Time: 4:45 PM – 6:15PM
17	513	26-Nov	A Smart Solar Water Pumping System with Bidirectional Power Flow Capabilities
18	524	26-Nov	Artificial Neural Network Based Intelligent Model for Wind Power Assessment in India
19	526	26-Nov	A Novel Modular Voltage and Frequency Controller for Standalone Wind Energy Conversion System

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20	550	26-Nov	Comparative study of meta-heuristics based approaches for Maximum Power Point Tracking for PV systems
21	567	26-Nov	An Efficient Hill-Climbing Technique for Peak Power Tracking of Photovoltaic Systems
22	569	26-Nov	SVPWM based Decoupled Control of Active and Reactive Power for single stage Grid Connected Solar PV System
23	571	26-Nov	Overview Strategy: Of Wind Farm in VSC-HVDC Power Transmission
24	583	26-Nov	Implementation and Practical Evaluation of an Automatic Solar Tracking System for Different Weather Conditions
Session: S-39		Venue: H-2	Time: 4:45 PM – 6:15PM
25	584	26-Nov	Short Term Wind Speed and Power Forecasting in Indian and UK Wind Power Farms
26	611	26-Nov	Application of Waikato Environment for Knowledge Analysis Based Artificial Neural Network Models for Wind Speed Forecasting
27	672	26-Nov	Analysis on Feasibility of Electric Power Generation-via-Wind Power
28	680	26-Nov	Maximum Power Extraction from Partially Shaded PV Panel in Rainy Season by using Improved Antlions Optimization Algorithm
29	711	26-Nov	Techno-Economical Analysis for PV based Water Pumping System under Partial Shading/Mismatching Phenomena
30	715	26-Nov	Cascaded Flying Capacitor Half Bridge Inverter for Power Rating Enhancement in PV Based Inverter System
31	716	26-Nov	Optimization and Implementation of Hybrid Energy Sources in Remote and Grid active Microgrids –A Case Study for Indian scenario
32	725	26-Nov	Anti-Islanding Detection Method selection for Grid Connected DFIG Wind Farms using ANP method

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Session: S-40		Venue: H-3		Time: 4:45 PM – 6:15PM
33	799	26-Nov	Design of SRM Driven BESS Based PV Powered Water Pumping System	
34	167	26-Nov	Design and Analysis of TZ-Source Inverter for Integration of Renewable Energy	
35	560	27-Nov	Optimization of Radial Distribution System Losses With Wind Weibull Distribution Function Integration using PSO technique	
36	156	26-Nov	Management of Power in a Hybrid Solar PV and fuel cell power system	
37	207	26-Nov	Control of grid connected photo voltaic systems	
38	245	26-Nov	Power Management of Renewable Mix in Island Mode using Multiagent system	
39	289	26-Nov	Demand Side Management with Integration of Solar and Wind Energy System	
40	201	26-Nov	A Multilevel Inverter Topology for Single-Phase PV System	
Session: S-41		Venue: H-4		Time: 4:45 PM – 6:15PM
41	428	26-Nov	A Quick MPPT controller for a PV Source using cascaded artificial neural network controlled DC link	
42	580	26-Nov	Power Quality Enhancement For Battery Embedded Stand-Alone Wind Energy System	
43	167	26-Nov	Design and Analysis of TZ-Source Inverter for Integration of Renewable Energy	
44	66	26-Nov	Blade Pitch Angle and Tip Speed Ratio Control Schemes for Constant Power Generation of WECS	
45	33	26-Nov	Performance Analysis of Semiconducting Single Walled Carbon Nanotubes for Photovoltaic Application	
46	126	26-Nov	Hybrid Renewable Energy System: A Self Sustainable Approach for an Indian Village	
47	227	26-Nov	Design and Simulation of a Solar Powered DC Home with Grid and Battery Back-up	

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48	729	26-Nov	An Improved P&O MPPT Algorithm for Single Stage Three-Phase Grid Integrated Solar PV System
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S. No.	Paper Id	Date of Presentation	Title
1. Power Electronics, HVDC Transmission, FACTS, Electric Drives. Instrumentation, Smart grid.			
Session: S-42		Venue: H-1	
Time: 8:15 AM – 9:45 AM			
1	31	27-Nov	Constant ON Time High Power Factor Flyback Converter Design
2	54	27-Nov	Composite Observer Based Control Technique for Single-Phase Solar PV-Grid Tied System
3	148	27-Nov	Energy and Exergy Analysis of an Irreversible Thermionic Generator
4	175	27-Nov	Investigation of Charge Trapping Behavior of LDPE using De-trapping Characteristics
5	315	27-Nov	Comparative Analysis of DWT and WPT for Current Signal Analysis
6	344	27-Nov	Speed loop pseudo derivative feedback controller based direct torque controlled Permanent Magnet Synchronous Motor drive
7	419	27-Nov	Effect of Magnet Segmentation on Cogging Torque of Radial Flux Permanent Magnet Brushless DC Motor
8	493	27-Nov	Modeling of Speed Controller for Industrial Applications: A Two Mass Drive System
Session: S-43		Venue: H-2	
Time: 8:15 AM – 9:45 AM			
9	538	27-Nov	Cuk PFC Converter for High Brightness LED Driver with Brightness Control
10	558	27-Nov	Power Factor Corrected Bridgeless Modular Zeta Converter Based SMPS

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11	704	27-Nov	A novel Constant frequency Sliding Mode Control Of DC-DC Converters
12	194	27-Nov	Torque Control of Microturbine Based Distributed Generation System
13	804	27-Nov	Energy Saving Strategy on Electric Propulsion System Integrated with Doubly Fed Asynchronous Motors
14	326	27-Nov	Torque Ripple Reduction in PMSM Drive based on Instantaneous Voltage Control Technique
15	630	27-Nov	FPGA Based Design Of Bandpass Iir Filter Using Fully Parallel Canonic Sign Digit For Myriametre Band Application
16	639	27-Nov	A Voltage balanced Back-to-Back Stacked Multicell Converter
Session: S-44		Venue: H-3	Time: 8:15 AM – 9:45 AM
17	723	27-Nov	Design and Fabrication of Regulated DC Electronic Load for Testing Power Supplies and Batteries
18	823	27-Nov	Dead Cell Extracted-Urine Powered Battery Energy Harvesting System
19	832	27-Nov	Area Efficient VLSI Architecture for FFT using radix-2 Butterfly and Folding Technique
20	372	27-Nov	Complete Position Sensorless Control of PMBLDC Motor for variable speed applications
21	83	27-Nov	Design of Optimal PID[FOPID] controller for Linear system
22	237	27-Nov	Implementation of Digital Controller for Switch Relectance Motor Drive using Sensorless Technique
23	281	27-Nov	Modelling of Neutral Point Clamped based VSC-HVDC System
2. Power quality, Robotics, Electric Vehicles.			

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Session: S-45		Venue: H-4		Time: 8:15 AM – 9:45 AM
1	61	27-Nov	Detection of Power Quality Disturbances in the Utility Grid with Solar Energy Using S-Transform	
2	111	27-Nov	Artificial Neural Network based Three Phase Shunt Active Power Filter	
3	124	27-Nov	Simulation and Hardware of Multi-Pulse Rectifier for More Electric Aircraft	
4	137	27-Nov	Comparative Analysis of Power Quality using Wavelets for Real Time Implementation	
5	300	27-Nov	Takagi-Sugeno (TS)-type Fuzzy logic Controller for Three-phase Four-wire Shunt Active Power Filter for unbalanced load	
6	302	27-Nov	Analysis of Standalone Hybrid PV-SOFC-Battery Generation System Based on Shunt Hybrid Active Power Filter for Harmonics Mitigation	
7	471	27-Nov	A Second-order Volterra Filter Based Control of SPV-DSTATCOM System to Achieve Lyapunov's Stability	
8	581	27-Nov	Hysteresis Current Controlled Three Phase PWM Converter	
Session: S-46		Venue: H-5		Time: 8:15 AM – 9:45 AM
9	407	27-Nov	Design and Analysis of Zero-Voltage Transition Low Current Ripple Fifth-Order Boost Converter	
10	510	27-Nov	Compensation Techniques to Maintain the Line Parameters on Traction Power Supply System using FACTS device	
11	838	27-Nov	Control Algorithm Based on Amplitude Adaptive Filter for DSTATCOM	
12	426	27-Nov	Digital Controller for Multi Pulse Converter Based Battery Charging Systems	
13	539	27-Nov	A New Controller for Cascaded H-Bridge Multilevel Inverter	

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14	34	27-Nov	Power Quality Improved 18-pulse VSC based BTB HVDC System with Reduced Current Sensors
3. Power System their control, Micro Grid, Electric Trading, Power System Protection, Power System Security.			
Session: S-47		Venue: H-1	Time: 10:00 AM – 11:30 AM
1	172	27-Nov	A New Method for the Estimation of Time Difference of Arrival for Localization of Partial Discharge Sources using Acoustic Detection Technique
2	205	27-Nov	Small Signal Stability Enhancement of Multimachine Power System Stabilizer using Cuckoo Search Algorithm
3	208	27-Nov	Combined Emission Constrained Economic Dispatch with Valve Point Effect Loading Problem Solution using Whale Optimization Algorithm
4	233	27-Nov	A Study of Performance Analysis of PKL electricity generation Parameters
5	374	27-Nov	Novel Approach To Optimize The Power System Stabilizer (Pss) Parameters
6	375	27-Nov	ZA-QLMS Based Control Approach for DSTATCOM under Abnormal Grid Conditions
7	450	27-Nov	A Modified Differential Evolution approach to PHEV Integrated Thermal Unit Commitment Problem
8	458	27-Nov	Transmission Line Congestion Management in Liberalized Environment

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Session: S-48		Venue: H-2		Time: 10:00 AM – 11:30 AM
9	531	27-Nov	Detection of transmission line faults in the presence of dynamic load using stockwell's transform	
10	587	27-Nov	Novel Hybrid Price Forecasting Model using Wavelet Transform, Time Series Time Delay Neural Network and Zero Phase filter in AEMC Market	
11	591	27-Nov	Performance analysis of Robust and Nonlinear MPPT controllers for Autonomous wind power system	
12				
13	647	27-Nov	Control of Wind Diesel Hybrid System with BESS for Optimal Operation	
14	695	27-Nov	Integrated Approach for Loss Reduction In Power System	
15	700	27-Nov	Impact of a Microgrid on Utility Grid Under Symmetrical and Unsymmetrical Fault Conditions	
16	722	27-Nov	Loss Reduction of 220 kV Substation with Optimum Reactive Power Management at 33 kV Voltage Level : A Case Study	
Session: S-49		Venue: H-3		Time: 10:00 AM – 11:30 AM
17	739	27-Nov	Online Volt/Var Control in a Smart Grid with Multiple Distributed Generation Systems	
18	806	27-Nov	Life Cycle Cost Analysis of Power Generation System Using Cow Urine	
19	133	27-Nov	Free Space Optical Link Performance Evaluation with Different Atmospheric Conditions at Different Power and Diversity	
20	276	27-Nov	High Gain Fourth-order Boost Converter For DC-grid Applications	

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21	241	27-Nov	Two-tiered Energy Trading Mechanism for Future Power System in India
22	56	27-Nov	Experimental Analysis of Proposed SP-TCT, TCT-BL and CT-HC Configurations under Partial shading Conditions
23	718	27-Nov	An analytical approach for optimal allocation of DG unit in Distribution system
4. Renewable energy sources and storage, solar PV & Wind system			
Session: S-50		Venue: H-4	Time: 10:00 AM – 11:30 AM
1	14	27-Nov	Micro controller based solar power system with grid synchronization
2	219	27-Nov	A New Multilevel Inverter for Grid Connection of PV modules
3	222	27-Nov	Employment Creation and Human Development Index analysis of renewable mix in island mode
4	224	27-Nov	Design of solar powered battery charger: An experimental verification
5	226	27-Nov	A Thyristorised Phase-Controlled Cycloconverter Based Power Electronic Transformer for Grid Integration of Renewable Energy Sources
6	286	27-Nov	Solar PV Based Single Stage Cascaded Seven Level Converter for Grid Interfaced Systems
7	295	27-Nov	New Firing Scheme for a PV Based Hybrid CHB Multi-Level Inverter
8	296	27-Nov	Detection of Power Quality Disturbances in the Utility Grid with Wind Energy Penetration Using Stockwell's Transform
Session: S-51		Venue: H-5	Time: 10:00 AM – 11:30 AM

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9	387	27-Nov	Control of Wind-Solar Microgrid for Rural Electrification
10	443	27-Nov	Real Time Implementation of Sign-Sign LMS Algorithm in Single Phase SPV Grid Tied System
11	447	27-Nov	Power production strategies from renewable energy resources in a hospital campus considering economic aspect
12	504	27-Nov	Integration of Multiple Source SPV Grid Tied System Using 27-Level Cascaded H-bridge Converter
13	572	27-Nov	Solar PV Impacts on Voltage Regulator in Distribution Network
14	659	27-Nov	Public Deligation & Verifiability of Matirx Multiplication to a Malicious Cloud Server
15	668	27-Nov	An Enhancement in Electrical Efficiency of Photovoltaic Module
16	675	27-Nov	Artificial Neural Network based Wind power forecasting in Belgium
Session: S-52			
Venue: H-1			
Time: 11:30 PM – 1:00 PM			
17	736	27-Nov	Performance of wind system with battery–UC in grid connected mode
18	741	27-Nov	Reactive Power Loadability based Optimal Placement of Wind and Solar DG in Distribution Network
19	750	27-Nov	A Solar PV System Controlled by Least Sum of Exponentials Algorithm
20	760	27-Nov	Solar PV Interfaced to Multifunctional VSC with a Battery Support
21	766	27-Nov	Maximum Power Point Tracking for PMSG based Wind Energy Conversion System
22	769	27-Nov	A Hybrid FNLMS Approach to Improve the Performance of a Grid Integrated Solar PV System

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23	830	27-Nov	Solar Energy Optimization Using Mppt Controller By Maximum Conductance Method
24	835	27-Nov	Quantization Based Adaptive Control of SPV-Grid Tied System
Session: S-53			Venue: H-2
Time: 11:30 PM – 1:00 PM			
25	462	27-Nov	Photo-Voltaic System for Refrigeration Plants in Isolated Areas
26	399	27-Nov	Control Of Grid Connected And Isolated Microgrid Using Renewable Source
27	654	27-Nov	Standalone BLDC Based Solar Air Cooler with MPPT Tracking for Improved Efficiency
28	713	27-Nov	Optimal Installed capacity of Wind and Solar System by using Improved Particle Swarm Optimisation
29	720	27-Nov	MPPT based Boost Converter using Coupled Inductor & Super Lift for mobile charging in Railways
30	147	27-Nov	Optimal Placement of Renewable DGs in balanced radial distribution system
31	135	27-Nov	Efficiency Enhancement of PV System using Model Based MPPT with Two level DC-DC Converter
32	862	27-Nov	Design And Analysis Of Lcl Filter For Interconnection With Grid Connected Pv System

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Session: S-54		Venue: H-3		Time: 11:30 PM – 1:00 PM
33	863	27-Nov	Analysis Of Grid-Lcl Filter Interfaced Pv-Array System	
34	864	27-Nov	Anti-Hebbian Control Algorithm For Three-Phase Inverter In Grid Connected Solar Pv System	
35	865	27-Nov	Exprimental Investigations and Power Quality Analysis of Controlled Rectifier	
36	866	27-Nov	Biased Neural Network Based Decoupled Voltage and Frequency Controller (DVFC)	
37	867	27-Nov	Sliding Mode Controller For Voltage Regulation Of Biogas/Diesel Engine Driven Standalone Single Phase Self Excited Induction Generator	
38	868	27-Nov	Single Voltage Measurement Based Control Algorithm for Voltage Source Converter	