

<b>SNO</b>	<b>POWER ELECTRONICS</b>
01	A Dynamic Successive Interference Cancellation (Dsic)
02	A Green Routing Algorithm for IoT-Enabled Software Defined Wireless Sensor Network A Green Routing Algorithm for IoT-Enabled Software Defined Wireless Sensor Network
03	A New Hybrid Model based on Fruit Fly Optimization Algorithm
04	A Novel Energy-Efficient Clustering
05	An Adaptive Sampling Algorithm for Effective Energy Management
06	An efficient security risk estimation technique for Risk - based access control model for IOT
07	An Efficient Tree-based Self-Organizing Protocol for Internet of Things
08	Analysis of Spectrum Efficiency and Call Drop Probability in5G Cognitive Radio
09	Broadband Doa Estimation Using Convolutional Neural Networks
10	Combining Solar Energy Harvesting with Wireless Charging
11	Deep Reinforcement Learning-Based Modulation and Coding Scheme Selection in Cognitive Heterogeneous Networks
12	DRACO Distributed, Robust and Asynchronous coverage in Wireless sensor Networks
13	ECG Heart over a period of Electrical Activity
14	Effect of AWGN & Fading channels on BER performance of a WiMAX communication System
15	Efficient PAPR Reduction Techniques in OFDM Systems
16	Energy Efficient Relay Selection of Cooperative HARQ based on the Number of
17	Enhanced Security Of Twofish Encryption Algorithm Using Fuzzy Logic Controller
18	Fuzzy Logic Based Energy Efficient Clustering Hierarchy for Nonuniform Wireless Sensor Networks
19	Genetic Algorithm based Network Reconfiguration in Distribution Systems
20	GFDM Based Wireless Powered Communication for Cooperative Relay System

21	Improving-Lifetime-of-Wireless-Sensor-Networks-along-with-Security-master
22	Joint Device Positioning and Clock Synchronization in 5G Ultra-Dense Network
23	Local Search particle swarm optimization algorithm channel estimation based on MC-CDMA System
24	Loss allocation in distribution network with distributed generations
25	Massive MIMO Forward Link Analysis for cellular Networks
26	Meta Heuristic technique for network reconfiguration in distribution system with photovoltaic and D-STATCOM
27	MIMO Techniques for Carrierless Amplitude and Phase modulation in Visible Light Communication
28	On Maximizing Sensor Network Lifetime by Energy Balancing
29	Optimal Allocation of DG Stability Index or Costing
30	Optimal Integrated Generation Bidding and Scheduling with Risk Managemen Under a Deregulated Power Market
31	Optimal placement of DG and DSTATCOM
32	Optimized LTE Cell Planning for Multiple User Density Subareas using Meta-Heuristic Algorithms
33	Pattern Division Multiple Access A New Multiple Access Technology for 5G
34	Performance of Turbo Code with Different Parameters
35	Real Time on Board Flight Path Optimization Under Constraints Using Surrogate flutter Function
36	Reduction in Bit Error Rate bar Graph
37	Reduction in Bit Error Rate from Various Equalization Techniques for MIMO Technology
38	Secure Multicast Communications in Cognitive Satellite
39	Traffic Signal Optimization Using Ant Colony Algorithm
40	YIN, a fundamental frequency estimator for speech and music

**S.NO**

**POWER SYSTEM**

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| 01 | A Decentralized Control Architecture applied to DC Nanogrid Clusters                  |
| 02 | A Highly Reliable and High Efficiency Quasi Single Stage Buck Boost Inverter          |
| 03 | A Low Capacitance Cascaded H-Bridge Multi-Level StatCom                               |
| 04 | A Modified DC Power Electronic Transformer Based on                                   |
| 05 | A Multilevel Transformerless Inverter employing Ground Connection between PV Negative |

- 06 A New Multilevel Inverter Topology with Maximum Voltage Levels and Minimum DC Sources
- 07 A New Simulation Modeling for Nonlinear Current Control in Single Phase Grid Connected PV System
- 08 A New Soft-Switching Configuration and Its Application
- 09 A Novel High-Order Sliding Mode Control of Magnetic Levitation System
- 10 A Random Forest Regression Based Space Vector PWM Inverter
- 11 A Three Port Converter Based Distributed DC grid -connected pv system
- 12 Adaptive Harmonic Compensation in Residential Distribution rid by Roof-Top PV Systems
- 13 An Improved H5 Topology with Low Common-Mode Curren
- 14 An Improved Zero-Current-Switching Single-Phase Transformerless PV H6 Inverter with Switching Loss-Free
- 15 An Islanding Detection Method for Inverter-based Distributed Generators
- 16 Analytical and experimental studies on active suspension system of light passenger vehicle
- 17 Applying Reactive Power Compensators to Large Wind Farms to improve Battery Modelling and Simulation Using a Programmable Testing Equipment
- 18 Bridge-Type Solid-State Fault Current Limiter Based on ACDC Reactor
- 19 Characteristic Investigation and Control of a Modular Multilevel Converter-Based HVDC System Under
- 20 Control and Power Management of a Grid Connected
- 21 Control Strategy of Wind Turbine Based on Permanent Magnet Synchronous Generator
- 22 Design and Analysis of a Class of Zero Fundamental Ripple Converters
- 23 Design and Development of MATLAB Based Three Phase Converter for Unbalanced AC Source
- 24 Design of a Sliding-Mode-Controlled SEPIC
- 25 Design of C' uk Derived Transformerless Common Grounded PV Micro-inverter in CCM
- 26 Determination Of Transmission Cost
- 27 Development of High-Performance
- 28 Direct Torque Control With Feedback Linearization for Induction Motor Drives
- 29 Distributed Operation of Interlinked AC Microgrids with Dynamic Active and Reactive Power Tuning
- 30 Dynamic Performance of Solar PV Integrated UPQC-P for Critical Loads
- 31 Enhanced-Boost Quasi-Z-Source Inverters with Two Switched Impedance
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34	Estimation, Control and Prediction
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37	Fuzzy Logic Based MPPT for a Wind Energy Conversion System Using Sliding Mode Control
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42	Hybrid Energy Storage System MicroGrids Integration For Power Quality Improvement Using Four Leg
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50	Modeling And Simulating Of Single Side Short Stator Linear Induction Motor With The End Effect
51	Modeling and simulation for smart grid integration of solar wind energy
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53	Modeling & Analysis of High-Power
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55	Modulation and Control of Transformer less UPFC
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57	Multilevel Current Source Inverter for Balanced Unbalanced PV sources
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