

Day 2: Poster Session

Date: 14th December, 2018

Time: 1:45pm – 3:15pm

	Paper ID	Paper Name
1.	1	A Low Voltage Ride Through Scheme for three phase grid connected PV inverter with an adaptive window based MAF-PLL
2.	10	A Smart Modeling & Simulation of the Single Ended Primary Inductor Converter (SEPIC)
3.	11	Power Loss Modeling of the Semiconductors Using the Flyback Converters
4.	13	An Improved Soft Switched Boost Power Converter Suitable for Power Factor Correction
5.	17	Newfangled Multilevel Inverter fed V/f Controlled Induction Motor Drive with Multicarrier PWM Strategy
6.	36	Control of Induction Motor Drives –Technological Advancements
7.	37	Voltage Drop Management and Step Up The Voltage of Sediment Microbial Fuel Cell
8.	73	An Implementation of Parallel Particle Swarm Optimization Algorithm for Proportional Integral Derivative Controller Tuning
9.	94	A Simple Fault Tolerant Multilevel Inverter Topology
10.	100	Primary Review on Size and MPPT Method of Grid Connected Solar Photovoltaic Inverter
11.	115	A New Fault Tolerant Single Phase 5-Level Inverter Topology
12.	124	Novel Approach (Intersection Point Determination Method) to Maximize The Output of Solar PV System Under Fast Changing Environmental Condition
13.	139	Enhanced IAF-PNLMS Based Control Algorithm for Power Quality Improvement in Weak Grid Interfaced Solar PV System
14.	143	Mitigation Of Torque Ripple In BLDC Motor Using Modified Sepic Converter
15.	147	Performance Evaluation of Conventional and Electric powertrain

16.	151	Small Signal Modelling and Control of a High Voltage Gain Dual Input Boost DC-DC Converter
17.	157	Design of Three Phase Grid Tied Solar Photovoltaic System Based on Three Phase VSI
18.	173	State-of-Art on Flexibility Services in Electricity Markets
19.	195	Optimal Allocation of STATCOM using Improved Sine Cosine Optimization Algorithm
20.	198	Utility Interactive Adaptive Digital Filter Based Control and Off-Grid Control of PV-BES Microgrid
21.	210	Fault Diagnosis in Five-level CHB Inverter using Normalization Factor and THD Analysis
22.	217	Interleaved High Gain Bidirectional DC-DC Converter for Grid Integrated Solar PV Fed Telecommunication BTS Load
23.	231	Performance of Sensorless Method for PMSM Drive
24.	234	FPGA-based Real-time Performance Analysis of Buck-regulator fed Current Source Inverter
25.	238	Wavelet based Islanding in a Three-Phase Grid Collaborative Inverter System using FPGA Platform
26.	239	Solar PV Based DC Microgrid under Partial Shading Condition with Battery-Part 1: Maximum Power Generation
27.	240	Solar PV Based DC Microgrid under Partial Shading Condition with Battery-Part 2: Energy Management System
28.	245	Model-Based Bearing Fault Detection In Induction Motors Under Speed Varying Conditions
29.	352	Multipulse Diode Rectifiers: Power Quality Perspective Based On Experimental Data
30.	395	A New Direct Torque Control Scheme for Five-phase Induction Motor Drive with Reduced Current Distortion
31.	399	A Series Compensated Open-end Winding Induction Generator System for DC loads and AC linear, Non-linear and Unbalanced loads

Day 3: Poster Session

Date: 15th December, 2018

Time: 1:45pm – 3:15pm

	Paper ID	Paper Name
1.	249	Recursive Digital Filter Based Control for Power Quality Improvement of Grid Tied Solar PV System
2.	300	Online Golden Section Method based Loss Minimization Scheme for Direct Torque Controlled Induction Motor Drive
3.	306	Smart Inverter Functionality for Facilitating Higher Solar PV Penetration in Distribution Feeders
4.	317	PV and TEG Hybrid Power Generation for Enhancement of Efficiency
5.	326	Detection of Power Quality Disturbances in Utility Grid with Solar Photovoltaic Energy Penetration
6.	327	Detection of Power Quality Disturbances in Utility Grid with Wind Energy Penetration
7.	338	Islanding Detection for Grid Connected Solar PV System
8.	349	Inertia and Primary Frequency Response Assessment Under Uncertain Photovoltaic Generation
9.	351	Impact of Optimal Scheduling of DRs and Network Reconfiguration on the Performance of Active Distribution Systems
10.	365	Design of Fractional-Order PI controller for DC-DC Power Converters
11.	366	A Novel Voltage-Zone based power management scheme for PV- Battery based Standalone System
12.	377	Effective Switching Sequence Scheme for Space Vector Modulated Two-Level Inverter to Reduce the Current Distortion in Linear Operating Range
13.	380	dSPACE Based Motor Testing Platform for Characterization of BLDC Motor

		Performance Under Different Loading Conditions
14.	390	Experimental Analysis of Three Phase High Power Electric Furnace Systems
15.	393	Simulation of Dynamic Inductive Wireless Charging Using Overhead Line
16.	417	Microgrid Short Circuit Studies
17.	436	Challenges in Developing Hardware-In-Loop Model of Cage Induction Motor with Eccentricity Fault
18.	478	Grid Integration of Multi Objective Two Stage 3P4W SPV System Using TLS Based Control Techniques
19.	479	MAF-SOGI-PLL Based ingle Phase Multimode PV Battery System With Improved Power Quality
20.	482	Accurate Magnitude Integrator Quadrature Signal Generator Control for Single Phase Grid Tied Solar PV System.
21.	266	System Splitting Predictive Analytics Tool for Smart City to Enhance Restoration of Smart Grid
22.	485	Cuk SEPIC Based Bridgeless PFC Dial Output Converter Fed SRM Drive
23.	486	Nonadaptive CDSC Based Control of a Single Phase PV System Tied to a Distribution Grid