EEE TITLES (MATLAB)

CODE	TITLE
EPP – EEE - 001	A Modified DC Power Electronic Transformer Based on Series Connection of Full-Bridge Converters
EPP – EEE – 002	Use of Integrated Photovoltaic-Electric Spring System as a Power Balancer in Power Distribution Networks
EPP – EEE – 003	Design and Control of Micro-Grid fed by Renewable Energy Generating Sources
EPP – EEE – 004	A Multi-Mode Flexible Power Point Tracking Algorithm for Photovoltaic Power Plants
EPP – EEE – 005	Dynamic Modeling and Feasibility Analysis of a Solid-State Transformer-Based Power Distribution System
EPP – EEE – 006	A Two-Terminal Active Inductor With Minimum Apparent Power for the Auxiliary Circuit
EPP – EEE – 007	Power System Compensation Using a Power-Electronics Integrated Transformer
EPP – EEE – 008	A Review on Grid-Connected Converter Control for Short-Circuit Power Provision Under Grid Unbalanced Faults
EPP – EEE – 009	Optimum Design of Power Converter Current Controllers in Large-Scale Power Electronics Based Power Systems
EPP – EEE – 010	A Unified Control and Power Management Scheme for PV-Battery-Based Hybrid Microgrids for Both Grid-Connected and Islanded Modes
EPP – EEE – 011	A Voltage Regulator for Power Quality Improvement in Low-Voltage Distribution Grids
EPP – EEE – 012	Adaptive Sliding Mode Control of Standalone Single-Phase Microgrid Using Hydro, Wind, and Solar PV Array-Based Generation
EPP – EEE – 013	Advanced Voltage Support and Active Power Flow Control in Grid-Connected Converters Under Unbalanced Conditions
EPP – EEE – 014	An Improved Grid Current and DC Capacitor Voltage Balancing Method for Three-Terminal Hybrid AC/DC Microgrid
EPP – EEE - 015	Stability Improvement of DC Power Systems in an All-Electric Ship Using

	Hybrid SMES/Battery
EPP – EEE – 016	Voltage Limit Control of Modular Multilevel Converter Based Unified Power Flow Controller Under Unbalanced Grid Conditions
EPP – EEE – 017	Power Sharing in Angle Droop Controlled Microgrids
EPP – EEE – 018	A Comprehensive Design Approach of Power Electronic-Based Distributed Generation Units Focused on Power-Quality Improvement
EPP – EEE – 019	A hybrid diesel wind pv based energy generation system with brushless generators
EPP – EEE – 020	A novel grid-connected PV system based on MMC to get the maximum power under partial shading conditions
EPP – EEE – 021	A Single-Phase Grid-Connected Photovoltaic Inverter Based on a Three-Switch Three-Port Flyback with Series Power Decoupling Circuit
EPP – EEE – 022	Adaptive DC Stabilizer With Reduced DC Fault Current for Active Distribution Power System Application
EPP – EEE – 023	Control of Modular Multilevel Converters Under Singular Unbalanced Voltage Conditions With Equal Positive and Negative Sequence Components
EPP – EEE – 024	Disturbance-Adaptive Short-Term Frequency Support of a DFIG Associated With the Variable Gain Based on the ROCOF and Rotor Speed
EPP – EEE – 025	Flexible voltage control strategy considering distributed energy storages for dc distribution network
EPP – EEE – 026	Frequency Sensitivity Analysis of Load Damping Coefficient in Wind Farm-Integrated Power System
EPP – EEE – 027	Modified p-q Theory Based Control of Solar PV Integrated UPQC-S
EPP – EEE – 028	Parallel Operation of Bi-directional Interfacing Converters in a Hybrid AC/DC Microgrid under Unbalanced Grid Voltage Conditions
EPP – EEE – 029	Peak Current Limitation for Grid Side Inverter by Limited Active Power in PMSG-based Wind Turbines during Different Grid Faults
EPP – EEE – 030	Replacing the Grid Interface Transformer in Wind Energy Conversion System With Solid-State Transformer
EPP – EEE – 031	Research on the Impact of DFIG Virtual Inertia Control on Power System Small-Signal Stability Considering the Phase-Locked Loop
EPP – EEE – 032	Series Voltage Regulator for a Distribution Transformer to Compensate Voltage Sag/Swell