IEEE 2015-2016 PROJECT CAPTION –PS	
Sl.No	**PROJECT CAPTION**
TNIPS1	An Adaptive Power Oscillation Damping Controller by STATCOM With Energy Storage
TNIPS2	Analysis And Impacts of Implementing Droop Control in DFIG-Based Wind Turbines on Micro Grid/Weak-Grid Stability
TNIPS3	A Phase-Shifted-PWM D-STATCOM Using A Modular Multilevel Cascade Converter (SSBC)—Part I: Modeling, Analysis, and Design of Current Control
TNIPS4	A Novel Control Method for Transformer Less H-Bridge Cascaded STATCOM With Star Configuration
TNIPS5	A Low-Cost P&O Based Maximum Power Point Tracking, Combined With Two-Degree Sun Tracker
TNIPS6	Improved-Power-Quality Bridgeless-Converter-Based Multiple-Output SMPS
TNIPS7	Power Quality Improvements in A Zeta Converter for Brushless DC Motor Drives
TNIPS8	Voltage-Oriented Input–Output Linearization Controller As Maximum Power Point Tracking Technique for Photovoltaic Systems
TNIPS9	A Zero-Sequence Voltage Injection-Based Control Strategy for A Parallel Hybrid Modular Multilevel HVDC Converter System
TNIPS10	Full-Bridge Reactive Power Compensator With Minimized Equipped Capacitor and Its Application to Static VAR Compensator
TNIPS11	Minimization of The DC Component in Transformer Less Three-Phase Grid-Connected Photovoltaic Inverters
TNIPS12	Modular Cascaded H-Bridge Multilevel PV Inverter With Distributed MPPT for Grid-Connected Applications
TNIPS13	Novel Modular Multiple-Input Bidirectional DC–DC Power Converter (MIPC) For HEV/FCV Application
TNIPS14	Predictive Voltage Control of Transformer Less Dynamic Voltage Restorer
TNIPS15	Reactive Power Management in Islanded Micro Grid—Proportional Power Sharing in Hierarchical Droop Control

TNIPS16	Transformer Less Hybrid Power Filter Based on A Six-Switch Two-Leg Inverter for Improved Harmonic Compensation Performance
TNIPS17	Wide Damping Region for LCL-Type Grid-Connected Inverter With An Improved Capacitor-Current-Feedback Method
TNIPS18	A Single-Phase Active Device for Power Quality Improvement of Electrified Transportation
TNIPS19	Predictive Direct Power Control of Doubly Fed Induction Generators Under Unbalanced Grid Voltage Conditions for Power Quality Improvement
TNIPS20	A Grid-Connected Dual Voltage Source Inverter With Power Quality Improvement Features
TNIPS21	A Matrix Converter Ride-Through Configuration Using Input Filter Capacitors As An Energy Exchange Mechanism
TNIPS22	A Centralized Reactive Power Compensation System for LV Distribution Networks
TNIPS23	Reactive Power Compensation and Optimization Strategy for Grid-Interactive Cascaded Photovoltaic Systems
TNIPS24	Design And Implementation of STATCOM for Reactive Power Compensation and Voltage Fluctuation Mitigation In Microgrid
TNIPS25	Versatile Control of Unidirectional AC–DC Boost Converters for Power Quality Mitigation
TNIPS26	A New Reactive Current Reference Algorithm for the STATCOM System Based on Cascaded Multilevel Inverters
TNIPS27	Steady State Voltage Stability Enhancement Using Shunt and Series FACTS Devices
TNIPS28	A Constant Duty Cycle Control, Single-Phase Inverter Design for Distributed Static Series Compensators
TNIPS29	Design and Simulation of Five-Level Inverter Based DSTATCOM Using Fuzzy Logic
TNIPS30	Implementation of Kernel Incremental Meta learning Algorithm in Distribution Static Compensator
TNIPS31	Hardware Experiment Evaluation of STATCOMS Using Conventional and Direct-Current Vector Control Strategies

TNIPS32	Active Harmonic Reduction For 12-Pulse Diode Bridge Rectifier at DC Side With Two-Stage Auxiliary Circuit
TNIPS33	On The Reduction of Second Harmonic Current and Improvement of Dynamic Response for Two-Stage Single-Phase Inverter
TNIPS34	Direct Power Control of A Three-Phase Inverter for Grid Input Current Shaping of A Single-Phase Diode Rectifier With A Small DC-Link Capacitor
TNIPS35	Reduced Current Harmonics in The NPC Inverter With A Novel Space Vector PWM
TNIPS36	Harmonic Distortion In Micro Grids and Distribution Systems With Photovoltaic Generators
TNIPS37	Design of A Three-Level Hysteresis Controller for A Four-Leg Voltage Source Inverter In Aβo Frame
TNIPS38	A Gallium Nitride Device based Switched Capacitor Multilevel Converter for UPS Applications
TNIPS39	New PWM Technique for Three-To-Five Phase Matrix Converter With High Efficiency And Low THD
TNIPS40	Hybrid Active Filter With Variable Conductance for Harmonic Resonance Suppression in Industrial Power Systems
TNIPS41	Harmonic Analysis and Practical Implementation of A Two-Phase Microgrid System
TNIPS42	Power Factor Correction With A Modified Sheppard–Taylor Topology Operating in Discontinuous Capacitor Voltage Mode and Low Output Voltage
TNIPS43	Loss-Free Resistor-Based Power Factor Correction Using A Semi-Bridgeless Boost Rectifier In Sliding-Mode Control
TNIPS44	New AC-DC Power Factor Correction Architecture Suitable for High Frequency Operation
TNIPS45	Power Factor Correction in Switched Mode Power Supply for Computers Using Canonical Switching Cell Converter
TNIPS46	A Practical Second-Order Based Method For Power Losses Estimation in Distribution Systems With Distributed Generation
TNIPS47	Artificial Bee Colony Algorithm for Solving Multi-Objective Optimal Power Flow Problem