IEEE 2015-2016 PROJECT CAPTION –PED

Sl.No	PROJECT CAPTION
TNIPE1	Single-Switch Voltage Equalizer Using Multi stacked Buck–Boost Converters for Partially Shaded Photovoltaic Modules
TNIPE2	Automatic Mode-Shifting Control Strategy With Input Voltage Feed-Forward for Full-Bridge-Boost DC–DC Converter Suitable for Wide Input Voltage Range
TNIPE3	Speed control of a separately-excited DC motor powered by photovoltaic energy
TNIPE4	A novel self-starting ultra low-power and low-voltage two-stage DC-DC boost converter for microbial energy harvesting
TNIPE5	Single-Inductor Dual-Output Buck–Boost Power Factor Correction Converter
TNIPE6	A Stable Mode-Transition Technique for a Digitally Controlled Non-Inverting Buck–Boost DC–DC Converter
TNIPE7	High-Frequency-Fed Unity Power-Factor AC–DC Power Converter With One Switching Per Cycle
TNIPE8	Power Factor Correction in Bridgeless-Luo Converter-Fed BLDC Motor Drive
TNIPE9	PFC Cuk Converter-Fed BLDC Motor Drive
TNIPE10	Reducing Switching Losses in BLDC Motor Drives by Reducing Body Diode Conduction of MOSFETs
TNIPE11	Condition monitoring of BLDC motor drive systems by Hilbert Huang Transform
TNIPE12	An improved method to control the speed and flux of PM-BLDC motors
TNIPE13	A Novel Drive Method for High-Speed Brushless DC Motor Operating in a Wide Range
TNIPE14	A Unity Power Factor Bridgeless Isolated Cuk Converter-Fed Brushless DC Motor Drive
TNIPE15	One cycle control of buck-type, current source inverter-fed, brushless DC motor drive
TNIPE16	Design and Performance of a Cost-Effective BLDC Drive for Water Pump Application
TNIPE17	Buck converter based model for a brushless DC motor drive without a DC link capacitor

TNIPE18	Evaluation of Switching Performance of SiC Devices in PWM Inverter-Fed Induction Motor Drives
TNIPE19	Multi objective Fuzzy Predictive Torque Control of an induction motor drive
TNIPE20	A Quad Two-Level Inverter Configuration for Four-Pole Induction-Motor Drive with Single DC Link
TNIPE21	Common-Mode Voltage and Vibration Mitigation of a Five-Phase Three-Level NPC Inverter-Fed Induction Motor Drive System
TNIPE22	Extending the utilization of DC-link voltage in multi-level inverters using a new modulation technique
TNIPE23	High performance single supply CMOS inverter level up shifter for multi-supply voltages domains
TNIPE24	Nine level cascaded H Bridge Inverter (For High Performing UPS Applications)
TNIPE25	Pulse delay control for capacitor voltage balancing in a three-level boost neutral point clamped inverter
TNIPE26	Performance analysis of control and modulation methods of z-source inverter
TNIPE27	A Bidirectional LLC Resonant Converter With Automatic Forward and Backward Mode Transition
TNIPE28	A BL-CSC Converter-Fed BLDC Motor Drive With Power Factor Correction
TNIPE29	A Fast DC-Bus Voltage Controller for Bidirectional Single-Phase AC/DC Converters
TNIPE30	A High Gain Input-Parallel Output-Series DC/DC Converter With Dual Coupled Inductors
TNIPE31	A High Step-Up Converter with Voltage-Multiplier Modules for Sustainable Energy Applications
TNIPE32	A High Step-Up DC to DC Converter Under Alternating Phase Shift Control for Fuel Cell Power System
TNIPE33	A High-Efficiency MOSFET Transformer less Inverter for Non isolated Micro inverter Applications
TNIPE34	A Multi-Input Bridgeless Resonant AC-DC Converter for Electromagnetic Energy Harvesting
TNIPE35	A Novel Drive Method for High-Speed Brushless DC Motor Operating in a Wide Range

TNIPE36	A Novel High Step-up DC/DC Converter Based on Integrating Coupled Inductor and Switched-Capacitor Techniques for Renewable Energy Applications
TNIPE37	A Quasi-Z-Source Direct Matrix Converter Feeding a Vector Controlled Induction Motor Drive
TNIPE38	Analysis of Dual-Carrier Modulator for Bidirectional Non inverting Buck–Boost Converter
TNIPE39	Design and Control of a Bidirectional Resonant DC–DC Converter for Automotive Engine/Battery Hybrid Power Generators
TNIPE40	Cascaded Two-Level Inverter-Based Multilevel STATCOM for High-Power Applications
TNIPE41	Maximum Power Point Tracking For Photovoltaic System by Perturb and Observe Method Using Buck Boost Converter
TNIPE42	Decoupled and Moduar Harmonic Compensation for Multilevel STATCOMs
TNIPE43	An Adaptive Control Strategy for a Wind Energy Conversion System Based on PWM-CSC and PMSG
TNIPE44	Reactive Power Capacity Enhancement of a PV-Grid System to Increase PV Penetration Level in Smart Grid Scenario
TNIPE45	Analysis and Design of a New AC–DC Single-Stage Full-Bridge PWM Converter With Two Controllers
TNIPE46	Photovoltaic Burp Charge System on Energy-Saving Configuration by Smart Charge Management
TNIPE47	A New Single-Phase Single-Stage Three-Level Power-Factor-Correction AC–DC Converter With Phase-Shift Modulation
TNIPE48	Electrical Variable Transmission in Wind Power Generation System
TNIPE49	Dual Voltage Supply Converter for High-Speed Doubly Salient Reluctance Motors
TNIPE50	Unity Power Factor Bridgeless Isolated-Cuk Converter Fed Brushless-DC Motor Drive