S.NO	PROJECT TITLE NAMES	YEAR
1	Plugin Electric Vehicles Using Single-Stage ZETA-SEPIC-Based Multifunctional Integrated Converter With Fuzzy System	2021
2	High Speed SRM Using Vector Control for Electric Vehicle	2020
3	PID Controller Based Grid Connected Wind Turbine Energy System For Power Quality Improvement	2020
4	Power Quality Improvement Using Dynamic Voltage Restorer	2020
5	Off-board electric vehicle battery charger using PV array ISSN	2020
6	ANN Application On A Simple Active And Reactive Power Control Of A Single Phase Electric Spring	2020
7	Cascaded Multilevel Inverter Based Power and Signal Multiplex Transmission for Electric Vehicles	2020
8	Power Quality Improvement in Solar Fed Cascaded Multilevel Inverter With Output Voltage Regulation Techniques	2020
9	High Performance Frequency Converter Controlled Variable-Speed Wind Generator Using Linear-Quadratic Regulator Controller	2020
10	A Step-up Multilevel Inverter Topologyusing Novel Switched Capacitor Converters with Reduced Components	2020
11	Single-phase boost DC-link integrated cascaded multilevel inverter for PV applications	2020
12	Five-level one-capacitor boost multilevel inverter	2020
13	An Integrated SRM Powertrain Topology for Plug-In Hybrid Electric Vehicles with Multiple Driving and On-board Charging Capabilities	2020
14	Effective grid connected power injection scheme using multilevel inverter based hybrid wind solar energy conversion system	2019
15	Fuzzified Bidirectional Dc/Dc Converter With Dual Battery Energy Storage For Hybrid Electric Vehicle System	2019
16	Power Quality Improvement and PV Power Injection by DSTATCOM With Variable DC Link Voltage Control from RSC-MLC	2019
17	Low Switching Frequency Based Asymmetrical Multilevel Inverter Topology With Reduced Switch Count	2019
18	Grid-Connected Wind-Photovoltaic Cogeneration Using Back-to-Back Voltage Source Converters	2019
19	A New Switched-Capacitor Multilevel Inverter For High Frequency Ac Power Distribution Systems	2019
20	Cascaded H-Bridge Multi Level Inverter Based Improved Phase Shifted Carrier Based Synchronized Sinusoidal PWM Techniques	2019
21	Control and Management of Autonomous Power between Standalone DC Microgrids	2019
22	Power Factor Correction of Three-Phase PWM AC Chopper Fed Induction Motor Drive System Using HBCC Technique	2019
23	Single-Stage Bidirectional Buck-Boost Inverters Using a Single-Inductor and Eliminating Common-Mode Leakage Current	2019
24	Fuzzy Based Sensor Less Parameter Estimation And Current Sharing Strategy In Two-Phase And Multiphase IPOP DAB DC-DC Converters	2019
25	Power Quality Improvement in Low-Voltage Distribution Grids Using Voltage Regulator	2018
26	Stability Improvement of Microgrids Using a Novel Reduced UPFC Structure via Nonlinear Optimal Control	2018
27	Control Scheme for a Stand-Alone Wind Energy Conversion System for Better Efficiency of Battery Storage	2018

28	Repetitive Controller For Power Quality Improvement Using Dynamic Voltage Restorer And Shunt Hybrid Active Power Filters	**2018**
29	Ripple Current Reduction of a Fuel Cell for a Single-Phase Isolated Converter using a DC Active Filter with a Center Tap	**2018**
31	High-Efficiency Bidirectional Buck-Boost Converter for Photovoltaic and Energy Storage Systems in a Smart Grid	**2018**
32	Standalone Photovoltaic Water Pumping System Using Induction Motor Drive with Reduced Sensors	**2018**
33	Transformer-less dynamic voltage restorer based on a three-leg ac/ac converter	**2018**
34	Design and Control of Micro-Grid fed by Renewable Energy Generating Sources	**2018**
35	A Simple Active and Reactive Power Control for Applications of Single-Phase Electric Springs	**2018**
36	A Grid Connected Single Phase Transformerless Buck-Boost Based Inverter Which Can Control Two Solar PV Arrays Simultaneously	**2018**
37	PV-Hydro-Battery Based Standalone Microgrid for Rural Electrification	**2018**
38	Reduction Of Capacitor Ripple Voltage And Current With Fuzzy Control In Modular Multilevel Converter Based Variable Speed Drives	**2018**
39	Implementation of Solar PV- Battery and Diesel Generator Based Electric Vehicle Charging Station	**2018**
40	A New Design Method of an LCL Filter Applied in Active DC-Traction Substations	**2018**
41	Improved control algorithm for gridconnected cascaded H-bridge photovoltaic inverters under asymmetric operating conditions	**2018**
42	Autonomous Power Management for Interlinked AC-DC Microgrids	**2018**
43	Single Stage SECS Interfaced with Grid Using ISOGI-FLL Based Control Algorithm	**2018**
44	GaN Based Transformer-less Microinverter with Coupled Inductor Interleaved Boost and Half Bridge Voltage Swing Inverter	**2018**
45	An f-P/Q Droop Control in Cascaded-Type Microgrid	**2018**
46	A Buck & Boost based Grid Connected PV Inverter Maximizing Power Yield from Two PV Arrays in Mismatched Environmental Conditions	**2017**
47	Modelling, Design, Control, and Implementation of a Modified Z-source Integrated PV/Grid/EV DC Charger/Inverter	**2017**
48	Control of a Three-Phase Hybrid Converter for a PV Charging Station	**2017**
49	Development of a Bidirectional DC/DC Converter with Dual-Battery Energy Storage for Hybrid Electric Vehicle System	**2017**
50	Implementation and Comparison of Symmetric and Asymmetric Multilevel Inverters for Dynamic Loads	**2017**
51	Power management in PV-battery-hydro based standalone microgrid	**2017**
52	Dynamic Power Management and Control of PV PEM fuel Cell based Standalone AC/DC Microgrid Using Hybrid Energy Storage	**2017**
53	ISOGI-Q Based Control Algorithm for Single Stage Grid Tied SPV System	**2017**
54	Crisscross switched multilevel inverter using cascaded semi-half-bridge cells	**2017**
55	Modelling And Simulation Of LC Switching Voltage Boost Three Level NPC Inverter With Fuzzy Logic Controller	**2017**

ABOUT NEWZEN:

NEWZEN INFOTECH is a ISO Certified Organization for providing Academic Projects, Corporate Training, Software Development & Placement Services since 2008. We are successfully providing the services at Telangana and Andhrapradesh. NEWZEN is quickly emerging as an innovative and essential business software applications development resource.

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