

Major Project EEE

1. A Carrier-Based Neutral Voltage Modulation Strategy for Multilevel Cascaded Inverters under Unbalanced DC Sources IEEE
2. A Transformer less Active Voltage Quality Regulator With the Parasitic Boost Circuit IEEE
3. An Effective Control Method for Quasi-Z-Source Cascade Multilevel Inverter-Based Grid-Tie Single-Phase Photovoltaic Power System IEEE
4. Control Scheme for a Stand-Alone Wind Energy Conversion System IEEE
5. Improved Active Power Filter Performance for Renewable Power Generation Systems IEEE
6. Novel Topologies for Symmetric, Asymmetric, and Cascade Switched-Diode Multilevel Converter with Minimum Number of Power Electronic Components IEEE
7. On electrical power evaluation in dq coordinates under sinusoidal unbalanced conditions IEEE
8. Space Vector Pulse width Amplitude Modulation for a Buck–Boost Voltage/Current Source Inverter IEEE
9. Fuzzy Logic Controller based 3-Phase Shunt Active Power Filter for Current Harmonic Mitigation IEEE
10. Modeling and Coordination Control of Hybrid AC/DC Microgrid IEEE
11. A DC-Link Voltage Self-Balance Method for a Diode-Clamped Modular Multilevel Converter with Minimum Number of Voltage Sensors IEEE
12. A Generalized Cascaded Multilevel Inverter Using Series Connection of Sub multilevel Inverters IEEE
13. A New Transistor Clamped 5-Level H-Bridge Multilevel Inverter with voltage Boosting Capacity IEEE
14. Cascaded seven level inverter with reduced number of switches using level shifting PWM technique IEEE
15. Control Strategy for Multilevel Inverter with Non-ideal DC Sources IEEE
16. D-STATCOM With Positive-Sequence Admittance and Negative-Sequence Conductance to Mitigate Voltage Fluctuations in High-Level Penetration of Distributed-Generation Systems IEEE
17. Dual-Buck Half-Bridge Voltage Balancer IEEE
18. Fault Current Interruption by the Dynamic Voltage Restorer IEEE

19. Five-Level Inverter for Renewable Power Generation System IEEE
20. Level and Phase Shifted PWM for 7-Level Switched-Capacitor Inverter Using Series/Parallel Conversion IEEE
21. Chopper Based Speed Controlling of Electric Motor
22. Power Semi Conductor Based Speed Control of Universal Motor
23. Over Voltage Protection of Lead Acid Battery DC Charger
24. Access Control of Electrical Equipments System Based on Integrated Chip
25. Energy Meter Based Manipulating of Domestic Electricity Bill
26. Electrical Devices Protection from Earth Fault through Circuit Breaker
27. TRIAC Based Load Controlling and Dynamic Temperature Adjustable System
28. LDR and RTC Based an Efficient Power Saver for Street Lights
29. Transformer Conservation from Voltage and Over Heat in Industries
30. Observation of Numerous Parameters in Motors for Fault Avoidance
31. Speed Control System of Electric Motor in Clockwise and Anti-clockwise Directions
32. A Domestic Electricity Meter Construction with Voice Announcement
33. Novel Technique Based Three Phase to Five Phase Transformer Development
34. Hybrid PWM Based Analysis of Cascaded Five Level Multilevel Inverter
35. Distributed Power Flow Controller Based Power Quality Enhancement in Distribution Systems
36. Interfacing Inverter Based Power Quality Enhancement of Distributed Network
37. SHEPWM Technique Based Selective Harmonic Elimination of Multilevel Inverter
38. High Performance PID controller Simulation for Speed Controlling of an Induction Motor with Mathematical Modeling
39. Cascaded H-Bridge Multilevel Inverter Based Wind Energy Conversion System
40. A Two Stage Bidirectional/Isolated DC/DC Converter by Using Current Ripple Reduction technique