Table of Contents

1. Recognition and Calculation of Harmonic Pollution for Distribution Systems Anil Kumar S V D and Ramesh Reddy K	1-10
2. Simulation and Experimental Validation of Symmetrical and Assymetrical Cascaded H-Bridge Multilevel Inverters for Grid Connected PV Application Ramesh A, Siva Kumar M and Chandra Sekhar O	11-23
3. Design of A Controler for a Load Simulator with Comparative Analysis using PID & QFT Along with Realtime Synthesis Chandrima Roy and Kalayan Kumar Datta	24-32
4. Implementation of Differential Protection of Three Phase Transformer using MATLAB Simulink <i>Thote P B and Daigavane M B</i>	33-41
5. DSP-FPGA based Efficient and Controlled Braking Method for Multilevel Medium Voltage Induction Motor Drive Atul Gupta, Upama Bose, Deepak Kotkar and Uppuluri Venu	42-52
6. Fuzzy Controlled Bipolar-Starting and Unipolarrunning Converter for Extended Torque-Speed Characteristics of Electric Vehicle Rajasekhar G G and Basavaraja B	53-64
7. A Review on Sensor Less Control of Doubly Fed Induction Machine (DFIM) Arunesh Kumar Singh and Abhinav Saxena	65-71
8. Effect of Voltage Levels and Modulation Index on THD of A Diode Clamped Multilevel Inverter Fed Induction Motor Drive Krishna Priya Y and Vijaya Kumar M	72-83
9. Mathematical Analysis and Probability Density Function of FKHR pathway for Cell Survival /Death Shruti Jain	84-93
10. A Decisive Evaluation of SRM Drive for Industrial Applications with High Power Factor Correction Capabilities Sridhar P, Purna Chandra Rao V and Singh B P	94-103
11. Identification of Power Quality Problems in IEEE Bus System by using Neural Networks Devadasu and Sushama M	104-109

12. Fuzzy Controlled PV Cell Fed Multi Level Inverter for Induction Motor Drive	110-126
Madhu Kiran B and Sanker Ram B V	

13. Modeling Simulation and Analysis of PV Cell Boost Converter Fed Induction Motor 127-136 Drive with Closed Loop Speed Control *Krishna Reddy K, Kiran D V, Gurappa B and Nagaraju A*

14. Comparative Analysis of Leakage Reduction of Benchmark Circuits for Defense ApplicationsChhavi Saxena