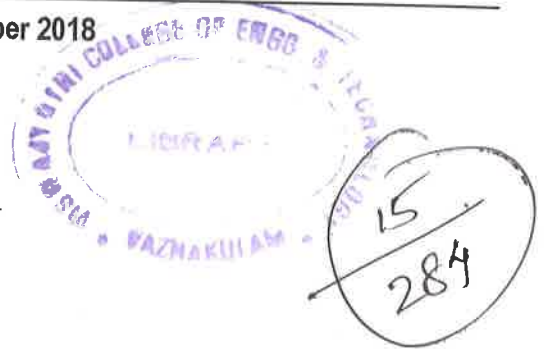


International Journal of POWER SYSTEMS & POWER ELECTRONICS

Volume 8 • Number 2 • July-December 2018



Contents

1. Frequency Deviation Control in Hybrid Renewable Energy System using FC-UC77-88
M. Sivaram Krishnan, M. Siva Ramkumar and A. Amudha
2. A Novel Switching Strategy for Realization of Single Phase Matrix Converter As a89-104
Universal Power Electronic Converter
Senthil Kumar Rasappan and Vivekanandan Chenniappan
3. SVC & UPFC for Voltage Stability Enhancement of TNEB Sixty Nine Bus System.....105-111
Sindhuja S. and Divya Parkavi K.
4. Push Pull Converter with PMDC Motor for Servo Applications113-121
Preethishri R.S. and K. Kalai Selvi
5. Design and Simulation of Interleaved DC-DC Converters For Fuel Cell Applications123-134
K.V. Thilagar and K. Kalai Selvi
6. Grid Integration of Renewable Energy Sources with Power Quality Improvement135-145
Features using Multilevel Inverters
R. Karthick and S. Manoharan
7. Closed Loop Control of Permanent Magnet Synchronous Generator Wind Turbine147-156
for Standalone System along with MPPT Control
A. Suyampulingam, V. Subbiah and R. Neelaveni