

# International Journal on POWER SYSTEM OPTIMIZATION

VOLUME 10

NUMBER 1

JANUARY-JUNE 2018

## Contents

1. Practical Set up to Test a Novel Neutral Point Oscillation Mitigation Technique.....1  
for Three Level Inverter  
*K. Narasimha Raju, O. Chandra Sekhar and N. Kiran*
2. Application of Parametric Methods for Earthquake Precursors using GPS TEC .....19  
*R. Revathi, S. Lakshminarayana, K.S. Ramesh and  
S. Koteswara Rao*
3. A Multi Target Function for Ideal Siting and Sizing of Distributed Generation .....29  
(DG) Systems using Particle Swarm Optimisation (PSO)  
*Thummala Ravi Kumar and Kesava Rao Gattu*
4. An Embedded Web Server Based Automatic Smart Home Monitoring System .....41  
*S. Anusha, K. Sreenivasa Ravi and P. Gopi Krishna*
5. A Review on Recent Developments in Wireless Power Transfer .....49  
*Sk. Moulali and K. Subbarao*
6. Binary Jaya Algorithm Based Optimal Placement of Phasor Measurement .....55  
Units for Power System Observability  
*Tapan Prakash, V.P. Singh, S.P. Singh and S.R. Mohanty*
7. Comparative Analysis of Different Modulation Techniques for Multi Level.....65  
Diode Clamped Inverter with Boost Converter  
*VNSR. Murthy, A. Pandian and M. Venu Gopalrao*