

# **International Journal of Electronic and Electrical Engineering**

**Volume 9, Number 2 (2016)**

## *Contents*

<b>Recent Trends in HVDC Transmission Systems</b> <i><sup>1</sup>H. Sudheendra, <sup>2</sup>K. N. B Murthy and <sup>3</sup>N. Krishnamurthy</i>	<b>89-95</b>
<b>Optimal Solution of IEEE Standard 14 Bus System using MATLAB Simulation incorporating with FACTS Devices</b> <i><sup>1</sup>E. Nanda Kumar, A.P./E.E.E. and <sup>2</sup>Dr. R. Dhanasekaran</i>	<b>97-110</b>
<b>Simulation of Fuzzy Modeling of Human Control Strategy for Overhead Crane using MATLAB.</b> <i><sup>1</sup>Rajeev, <sup>2</sup>Pawan Kumar Pandey and <sup>3</sup>Disha Popli</i>	<b>111-116</b>
<b>A New Topology for the Design and Control of Uninterruptible Power Supply by Using Z – Source Inverter</b> <i><sup>1</sup>T C Srinivasa Rao, <sup>2</sup>D Shobha Rani and <sup>3</sup>T C Subramanyam <sup>4</sup>K Hanumantha Rao and <sup>5</sup>Md Asif</i>	<b>117-132</b>
<b>Order Reduction of Linear High-Order Discrete Time Systems Using Polynomial Differentiation Technique in w-Domain and PID Controller Design</b> <i>B. Satish Naidu<sup>1</sup>, J.V.B.Jyothi<sup>2</sup></i>	<b>133-141</b>
<b>Optimal DG Placement and Sizing in Distribution System for Loss and THD Reduction</b> <i>G.V.K Murthy<sup>1</sup>, S. Sivanagaraju<sup>2</sup> S. Satyanarayana<sup>3</sup> B. Hanumantha Rao<sup>2</sup></i>	<b>143-154</b>
<b>Comparative Evaluation of Three Phase Three Level Neutral Point Clamped Z-Source Inverters using Advanced PWM Control Strategies</b> <i>K. Sreekanth, S. Nagaraja Rao and D.V. Ashok Kumar</i>	<b>155-170</b>

*Ms. Jakkula Jyothsna and Dr. G. Tulasi Ram Das*