



**IOSR Journals**

International Organization  
of Scientific Research

# *IOSR Journal of Electrical and Electronics Engineering*

e-ISSN : 2278-1676

Volume: 15 Issue: 1 Series-2

p-ISSN : 2320-3331

W  
E  
E  
E  
R  
S  
I  
O

## **Contents:**

<b>Computation and Confirmation of Conduction Band Offset and Oxide Breakdown Fields from a Combination of Electrical and Physical Measurements on a N-Type C-Face 4H-SiC MOS Device</b> <i>Dr. Ravi Kumar Chanana</i>	<b>01-06</b>
<b>Comparative Study of FPGA Performance Over ASIC and DSP Processors</b> <i>Dr. Faris Ali Jasim Shaban</i>	<b>07-13</b>
<b>Impact of Single DG on the Reliability of the distribution system</b> <i>Atik Faisal, Min Yongzhi</i>	<b>14-19</b>
<b>Modeling of an Interior Permanent Magnet Synchronous Motor with Two Independent Stator Windings using Rotor Reference Frame</b> <i>Onah. C. O., Obe. E. S., Agber. J. U.</i>	<b>20-27</b>
<b>Reliability Indices evaluation of Ring Distribution Systems without and with DG</b> <i>Saadia K. Mousa, Moneer A Faraj, Fathi K. Amoura, Wafa S. Shuaieb</i>	<b>28-41</b>
<b>Analysis and Improvement of Power Quality Parameters by Using UPQC with the Implementation of Fuzzy and PID Controllers</b> <i>Ravindra Kajla, Subhash</i>	<b>42-52</b>
<b>Comparative Analysis of Power Quality Parameters by Using UPQC with The Implementation of Fuzzy and PID Controllers</b> <i>Ravindra Kajla, Subhash</i>	<b>53-60</b>
<b>IOT Technology and its Usage: A Study</b> <i>R Subba Rao, Aurobinda Kar</i>	<b>61-63</b>
<b>Modeling of sensorized BLDC Motor speed control using MATLAB/SIMULINK</b> <i>Poornachandran. J, Jay Kumar Swain</i>	<b>64-73</b>
<b>Security Mechanism to handle Data in Cloud Computing Environment</b> <i>Anil Kumar Mishra, Chinmaya Ranjan Pattanaik</i>	<b>74-76</b>