



**IOSR Journals**

International Organization  
of Scientific Research

# *IOSR Journal of Electrical and Electronics Engineering*

e-ISSN : 2278-1676

Volume: 20 Issue: 3

p-ISSN : 2320-3331

W  
E  
E  
E  
R  
-  
R  
S  
I  
O  
S  
R

## Contents:

Multilayer PCB Impedance Co-Regulation Mechanism Based On Dynamic Adaptive Return Vias Configuration	01-09
Plant Disease Detection Using Drone And Machine Learning	10-14
FFT Structure Implementation With Varying Radices In Verilog	15-22
Design And Simulation Of A Community-Based Hybrid Renewable Energy System For Rural Community Electrification	23-28
Performance Analysis Of Activation Functions For Marble Surface Anomaly Detection Using Deep CNNs	29-32
Exploring Industrial Robotics And Its Impacts On Industrial Learning And Evolution	33-39
Design And Simulation of a Community-Based Hybrid Renewable Energy System for Rural Community Electrification	40-46
Development Of A Hybridized Fuzzy Logic And Transfer Function-Based Model For Intelligent Solar Tracking	40-47
Robust MPPT And DFIG-Based Control Of Grid-Connected Wind Energy Systems Using Multi-Objective Genetic Algorithm Optimization	48-56
A Survey On Different Self-Gating Techniques Of Activation Functions In Neural Networks	57-59
Automotive Diagnostics Fuel Monitoring Operation And Consumption Using OBD-II Sensor	60-65
Robust Sliding Mode Control Of Torque And Speed In Electric Vehicle For Driveability Enhancement And Stability	66-72