IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)

Managing Editor Board

- ❖ Dr. Govindaraj Thangavel, India
- ❖ Dr. Zairi Ismael Rizman, Malaysia
- Dr. Ahmed Hashim, Iraq
- ❖ Dr. Sunil Kumar J, Ethiopia
- ❖ Dr. M.N. Nwohu, Nigeria
- ❖ Dr. EL Mokhtar Hamham, Morocco

International Editorial Board

- Dr. Pradyumn Chaturvedi Samrat Ashok Technological Institute, Vidisha (MP), India
- Dr. Umashankar S School of Electrical Engineering, India
- Dr. Farhan Lafta Rashid Ministry of Science and Technology, Iraq
- ❖ Dr. Manohar IIT Delhi, India
- ❖ Dr. Wael Salah Multimedia University, Malaysia
- ❖ Dr. Akhilesh Arvind Nimje Kalinga Institute of Industrial Technology, KIIT University, Bhubaneswar, INDIA

Contact Us

Website URL: www.iosrjournals.org

Email: Support@iosrmail.org









Qatar Office:

IOSR Journals Salwa Road Near to KFC and Aziz Petrol Station, DOHA, Qatar

India Office:

EHTP, National Highway 8, Block A, Sector 34, Gurugram, Haryana 122001

Australia Office:

43, Ring Road, Richmond Vic 3121 Australia

New York Office:

8th floor, Straight hub, NS Road, New York, NY 10003-9595



IOSR Tournal of Electrical and Electronics Engineering **IOSR** Journals

International Organization of Scientific Research

e-ISSN: 2278-1676 p-ISSN: 2320-3331 Volume: 14 Issue: 3 Series-3



Contents

Contents.		
	Issues in Current-Voltage/Capacitance-Voltage Traces-Based MIS Characterisation that Improves Understanding for a Better Design of n-channel MOSFETs on Si and SiC	01-09
	Tenets of Switch Mode Power Supply Application Design	10-16
	An Appraisal of Solar PV Systems over Diesel Generators for Off-Grid Water Projects in Rural Africa for Sustainable Development	17-23
	Design and Implementation of an Electronic Pyranometer	24-30
	Modelling and Simulation of PV ON Grid System Producing 10kwh in Ma'an Development Area Using PV Software	31-37
	Optimal sizing of grid-connected PV-systems using PSO	38-44
	Design and Development of Embedded System Based PCR Thermal Cycler	45-53
	Study on Effect of Geometric and Material Parameters on Shear Loaded Notched Composite Panels	54-62
	Study On Uplift Behavior of Single Belled Anchors in Multiple Regression Analyses	63-75
	Survey on Workflow Scheduling in Cloud Environment	76-81

All Papers are indexed in Index Copernicus