

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-JEEE

Contents:

Research for manufacturing braces for heart disease <i>Kim Nhi Vu Thi, Thi Van Phung, Ngoc Oanh Le Thi</i>	01-04
Linear model for the variation of semiconductor bandgap with high temperature for high temperature electronics <i>Dr. Ravi Kumar Chanana</i>	05-08
Air Conduit Disinfectors Using Ultraviolet C-band Light-Emitting Diodes <i>Jianping Zhang, Ling Zhou, Ying Gao, Maria Topete, Alexander Lunev, Frank Harder, Michael Krames</i>	09-15
Adaptive Speed Control of Permanent Magnet Brushless DC Motor by Implementing PSO Algorithm <i>Suraj R. Kamde, Meghraj S. Morey</i>	16-25
A second look at the derivation of the average oxide fields in a charged metal-oxide-semiconductor device <i>Dr. Ravi Kumar Chanana</i>	26-29
IOT-Based Rotating Beacon Current and Voltage Monitoring Design Using Nodemcu Via Blynk Application At International Airport in Indonesia <i>Rusman, Ahmad Bahrawi, Amalia Resky Hasniati</i>	30-37
Energy Resource Allocation for a Rural Microgrid: Comparison Using Linear and Nonlinear Optimization Approaches <i>Yuvraj Praveen Soni, Eugene Fernandez, M. Mustafa Kamal, mtiaz Ashraf</i>	38-47