

## IOSR Journal of Engineering (IOSRJEN)

### Editorial Board

- ❖ Dr. Dewan Muhammad Nuruzzaman, Bangladesh
- ❖ Dr. Mohammad Pourmahmood Aghababa, Iran
- ❖ Sukumar Senthilkumar, Malaysia
- ❖ Dr. Habibolla Latifzadeh, Iran
- ❖ Dr. K.V.L.N.ACHARYULU, India
- ❖ Dr. Ali Keshavarzi, Iran
- ❖ Dr. Mohammad Reza Noruzi, Iran
- ❖ Dr. Asoke Nath, India

### Associate Editorial Board

- ❖ Dr. Gary Robinso, University of Western Sydney, Australia
- ❖ Dr. Sharon Rya, The University of Melbourn
- ❖ Dr. Lynn Kem, Universities in Canterbury, England
- ❖ Dr. Kim Mitche, Curtin University of Technology
- ❖ Dr. Augustine Ahorght, Boston University, USA
- ❖ Dr. Gina Salapata, University of Canterbury
- ❖ Dr. Animol S. Nair, SRM University, India
- ❖ Dr. Linda Mond, Macquarie University, Australia
- ❖ Dr. Samantha Benjamin, Pathways Health and Rsearch Centre
- ❖ Dr. John Toumbouro, Deakin University
- ❖ Dr. Mark Dadd, University of Newcastl
- ❖ Dr. Annette Michau, University of Queenslan
- ❖ Dr. Raheem Muhmmad, Faculty of Engineering, Alexandria University, Egypt
- ❖ Dr. Madison Luke, Havard University, USA

### IOSR Journals subscription:

Institute or any person can subscribe the hard copy of IOSR Journals. All subscription are payable in advance. Journals are sent by air to all countries except Indian subcontinent. Subscriptions are on annual basis. For more detail of subscription, log on to [www.iosrjournals.org](http://www.iosrjournals.org)

### Contact Us

Website URL : [www.iosrjen.org](http://www.iosrjen.org)  
Email : [jen@iosrmail.org](mailto:jen@iosrmail.org)



# INTERNATIONAL ORGANIZATION OF SCIENTIFIC RESEARCH

e-ISSN : 2250-3021 Volume 8, Issue 5, Vresion 4 p-ISSN : 2278-8719

## Contents

Optimization of the parameters of Alcohol Fuels for best Performance and Exhaust of Copper Coated Spark Ignition Engine	01-11
Factors Influencing Implementation of Non formal Education in Rushinga District of Mashonal and Central Province in Zimbabwe	12-15
Applying Supervised Machine Learning Algorithms for Analytics of Sensor Data	16-22
A Survey About Techniques On Opinion Mining And Sentiment Analysis Through Online Reviews	23-27
Typical Implementation of VITERBI Decoder for efficient error detection and correction	28-34
Effectiveness of Lean Tools and Technique in Automobile Industries	35-42
Development of a Motorized Soybean De-hulling Machine for Small Scale Farmers	43-49
Effectiveness of using Huffman coding in High data rates and reducing PAPR in OFDM systems	54-65
Experimental Study on Concrete by Partially Replacing Cement with Calcium Bentonite and Fine Aggregate with Steel Slag	54-65
A Review on the Determination of Optimal Location and Size of FACTS Devices	66-72
Load Frequency Control in Power System: A Short Review	73-80

# IOSR-JEN