

# IOSR Journal of Engineering (IOSRJEN)

## Editorial Board

- ❖ Dr. Dewan Muhammad Nuruzzaman, Bangladesh
- ❖ Dr. Mohammad Pourmahmood Aghababa, Iran
- ❖ Sukumar Senthilkumar, Malaysia
- ❖ Dr. Habibolla Latifizadeh, 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 13, Issue 11

p-ISSN : 2278-8719

## Contents

- |   |       |
|---|-------|
| Threaded Summary Of Research On MOS Devices<br><i>Dr. Ravi Kumar Chanana</i>  | 01-04 |
| The Role of Hydrogen in Sustainable Energy Transition<br><i>Rajini K R Karduri</i>  | 01-08 |
| Longitudinal Vibrations In A Rotating Micropolar Elastic Solid Having A Cylindrical Hole<br><i>K. Narasimharao, K. Somaiah</i>  | 09-24 |
| Urban Regeneration for Historic Commercial Centers<br><i>Anjana Mary Jacob</i>  | 25-36 |
| Computer system for the segmentation of the urinary bladder in computed tomography, for the processing and classification of the pathology presented by the bladder<br><i>Brenda Samantha Pérez Bedolla, Jaime Hugo Puebla Lomas, José Félix Serrano Talamantes</i> | 37-41 |
| Evaluation of Local Starch As a Filtration Control Additive in Water-Based Mud As Substitute For Imported Samples for Drilling Operations in Nigeria<br><i>Joel O.F.F, Ndubuisi, E.C</i>  | 42-48 |

Peer Reviewed Refereed Journal