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

> **UGC** Approved Journal Journal No. 48995

Contact Us

Website URL: www.iosrjen.org Email: jen@iosrmail.org



INTERNATIONAL ORGANIZATION OF SCIENTIFIC RESEARCH

e-ISSN: 2250-3021 Volume 8, Issue 9, Vresion 3

Contents

Use of Geotextile Pavement in Road Construction In India	01-05
Coincidence Point and Common Fixed Point In B-Metricspaces	06-09
Establishing Auto Gasification of Sewage Sludge	10-13
P63, a marker of the proliferative basal layers of skin epithelia and the hair follicle	14-20
Voltage Stability Control by Statcom under fault condition for wind Farms	21-25
Gastric Bioaccessiblity Of Iron Fortified Maize Meal Products.	26-30
A Comparison Study of Z-H Algorithm and Genetic Algorithm	31-35
Microstructural evolution and mechanical behavior during annealing of aluminum deformed by equal channel angular pressing	36-45
GPS Aided Power efficient Dynamic Source Routing in MANETs	46-52
Bending Analysis of Rectangular Thick Plate Using Polynomial Shear Deformation Theory	53-61
Semantic Segmentation Using Fully Convolutional Net: A Review	62-68
Some Characteristics and Classifications of Mathematical And Epidemic Models	69-71
Great Law of Thermodynamic (Entropy S + Counter-entropy S *) = 0	72-87

ABOUTIOSR:

International Organization of Scientific Research (IOSR) is a registered independent Organization, a unit of CSIR delivering supports and services to education professionals and researchers around world, especially those from the developing countries.

IOSR is the association of Scientists, Research scholars, Professors, Directors, Managers, Engineers, Pharmacy persons of various fields like Engineering, Management, Pharmacy, Applied Science, and Mathematics.

IOSR helps the researchers free of cost by providing right direction in their research with the help of its worldwide research association members.

About IOSR Journals

IOSR Journals a broad-based open access, was founded on two key tenets: To publish the most exciting researches with respect to the subjects of our functional Journals. Secondly, to provide a rapid turn-around time possible for reviewing and publishing, and and to disseminate the articles freely for teaching...

IOSR Journals Achievements

Today, the IOSR Journals is becoming a major international research journal editors and thesis research. We acquire, develop, market and distribute the knowledge through the dissemination of academics and practitioners from around the world. All journals published by us maintain the...

IOSR Journals Mission

Our mission is to contribute to the progress and application of scientific discoveries, by providing free access to research information online without financial, legal or technical barriers. All International...

IOSR Journals Values

At IOSR Journals we have a clear set of values for delivering our vision. These are:

- * Research Orientation.
- * Valuing Our Users.
- * Quality Control.
- * Innovation....

LIST OF JOURNALS:

- IOSR Journal of Computer Engineering (IOSR-JCE)
- IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)
- IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
- IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)
- IOSR Journal of Applied Chemistry (IOSR-JAC)
- IOSR Journal of Applied Physics (IOSR-JAP)
- IOSR Journal of Mathematics (IOSR-JM)
- IOSR Journal of Business and Management (IOSR-JBM)
- IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)

Submit your paper in IOSR Journals

Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated by IOSR Journals. All articles are subjected to a peer-review process. All submitted articles will be judged based on their quality Authors are requested to submit their articles in M.S Word format to online submission process on IOSR Journals website www.iosrjournals.org

Terms of Submission

Papers must be submitted on the understanding that they have not been published elsewhere and are not currently under consideration by another journal. The submitting author is responsible for ensuring that the article's publication has been approved by all the other coauthors. It is also the authors' responsibility to ensure that the articles emanating from a particular institution are submitted with the approval of the necessary institution. Only an acknowledgment from the editorial office officially establishes the date of receipt. Further correspondence and proofs will be sent to the principal author before publication unless otherwise indicated. It is a condition of submission of a paper that the authors permit editing of the paper for readability.

Peer Review

All manuscripts are subject to peer review and are expected to meet standards of academic excellence. Submissions will be considered by an associate editor and if not rejected right away by peer-reviewers, whose identities will remain anonymous to the authors.

Paper Acceptance:

The final decision on publication is made by the Editor-in-Chief upon recommendation of the Editorial Board Members. If the manuscript is accepted for publication, it must not be published in any periodicals elsewhere without the permission of the editorial board

Copyright Form

Open Access authors retain the copyrights of their papers, and all open access articles are distributed under the terms of the Creative Commons Attribution license, which permits unrestricted use, distribution and reproduction in any medium, provided that the original work is properly cited.

The use of general descriptive names, trade names, trademarks, and so forth in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and Regulations.

While the advice and information in this journal are believed to be true and accurate on the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for Any errors or omissions that may be made. The publisher makes no warranty, express or implied, with Respect to the material contained herein.

IOSR Journals Indexing Partners

All published paper in IOSR Journals index in following world wide libreries.



















INTERNATIONAL ORGANIZATION OF SCIENTIFIC RESEARCH

Vol. 8, Issue 9

Version 3

September 2018

Contents

Use of Geotextile Pavement in Road Construction In India Annu , Maiyanka Verma	01-05
Coincidence Point and Common Fixed Point In B-Metricspaces Neha Tiwari , Piyush Kumar Tripathi , Mukesh Kumar Singh , Kaushal Kumar Singh	06-09
Establishing Auto Gasification of Sewage Sludge <i>Kamal Batcha B , Kirubakaran</i> V	10-13
P63, a marker of the proliferative basal layers of skin epithelia and the	14-20
hair follicle Jinhuan Zong , Lijun Jiang , Shanfeng Chen , Chengye Ma , Hongjun Li , Dongliang Zhang	
Voltage Stability Control by Statcom under fault condition for wind Farms <i>Manoj Yaram , P Balanagu</i>	21-25
Gastric Bioaccessiblity Of Iron Fortified Maize Meal Products. D. Chinofunga, D. Jaravaza, T. Usai, I. Matiringe, J. H. Serere	26-30
A Comparison Study of Z-H Algorithm and Genetic Algorithm Parmita, Dr. Reecha Sharma	31-35
Microstructural evolution and mechanical behavior during annealing of aluminum deformed by equal channel angular pressing Rachel Santos Mendes, Ana Carolina Ribeiro Duarte, Fabiane Roberta Freitas Da Silva, Jefferson Fabrício Cardoso Lins	36-45
GPS Aided Power efficient Dynamic Source Routing in MANETs B. M. Parmar, Dr. Kishor G. Maradia	46-52
Bending Analysis of Rectangular Thick Plate Using Polynomial Shear Deformation Theory Ibearugbulem, Owus M., Ezeh, John C., Ettu, Lawrence O., Gwarah, Ledum S.	53-61