

International Journal of Engineering Research and Applications (IJERA)

Editor-In-Chief

Prof. Manju Sharma

Editorial Board Members

- | | |
|----------------------------|----------------------------------|
| Dr. Hadi Arabshahi, Iran | A. K. M Nazmus Sakib, Bangladesh |
| Dr. Eugen Axinte, Romanian | Dr. Rao, P.hd, USA |
| Dr. Yaduvir Singh, India | Dr. Aknuas William, Australia |
| Dr. Shahram Jamali, Iran | |

Associate Editorial Board members

- | | |
|--|---|
| Sukumar Senthil Kumar
Universiti Sains Malaysia, School of Mathematical Sciences, Malaysia | Dr. Prasanta K Sinha
Durgapur Institute of Advanced Technology & Management, Durgapur |
| Dr. Bensafi Abd-El-Hamid
Abou Bekr Belkaid University of Tlemcen, Algeria
Tamilnadu, India | Dr. A.V.Senthil Kumar
Director, MCA depart, Hindusthan College of Arts and Science, |
| Dr. Prasanta K Sinha
Deputy Director, Durgapur Institute of Advanced Technology & Management, West Bengal | Dr. Suresh Prasad Singh
H.O.D.(Chemical Engineering), B. I. T. Sindri, Dhanbad |
| Hari Mohan Pandey
Middle East College of Information Technology, Under Coventry University, U.K. | Patrick Tiong Liq Yee
Universiti Teknologi Malaysia, Malaysia, |
| Dr. V S Giridhar Akula
Professor and Principal, Avanthi's Scientific Technological and Research Academy (JNTU), Hyderabad | Dr. Santosh K. Pandey
Department of Information Technology Board of Studies ,
The Institute of Chartered Accountants of India |

Contact Details

Ukraine Office
First floor, ST Street,
Ivano-Frankivsk, 76008, Ukraine

India Office
SC-89, Shastri Nagar,
Ghaziabad, UP, India

Email: ijera.editor@gmail.com
Website: www.ijera.com



International Journal of Engineering Research and Applications (IJERA)

**Volume 10 - Issue 1
January 2020**



All Papers are indexed in Index Copernicus



International Journal of Engineering Research and Applications (IJERA)

Volume : 10 Issue : 1 (Series-2)

ISSN : 2248-9622

January-2020

Contents :

Review Design Analysis and Optimization of Screw Conveyor for Asphalt Application: A Review <i>Peshatwar S.V., Dinde Shubham, Dindole Prasad, Dirgule Mahesh, Ghodake Pratik</i>	01-04
On Some Double Integral Transformation of Aleph-Function <i>Yashwant Singh, Harmendra Kumar Mandia, Pardeshi Poonam</i>	05-10
Hypervisor Based Security <i>Anshumali Bhushan</i>	11-15
Economical Automatic Solar Panel Cleaning System using arduino <i>Malhar K. Naik</i>	16-19
Synthesis and Characterizations of Cadmium Sulphide (Cds) Thin Films by Chemical Spray Deposition Technique <i>V.Mary Pradeepa, K.Kesavan</i>	20-24
Design of Automotive engine components by cad software; Autodesk Inventor and Solidworks; a comparative study <i>Talal Ibrahim Almudhaf</i>	25-31
Analysis Land Use Changes In Mila Dam Using Software Arcswat <i>Tasia Ayu Nandari, Heri Sulistiyono, Ery Setiawan</i>	32-37
Despeckling B-Mode Breast Ultrasound Images using Hybrid Statistical Filter: a of VM <i>Dr.P.K.Saranya</i>	38-45
An Interval-Based Algorithm for Uncertainty Quantification in Composite Structures <i>Herbert M. Gomes, Pedro B. Santana, Ewerton Grotti</i>	46-50
Novel Voltage Regulation Technique for a Three Phase Transformer less Grid Connected Photovoltaic System Using ANN Fractional Order PI Controller <i>M.Vinay Kumar, U.Salma</i>	51-61
Experimental Study of Thermal Conductivity of Ethylene Glycol Water Mixtures <i>Mazen Al-Amayreh</i>	62-68