

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 7
July - 2020



All Papers are indexed in Index Copernicus



International Journal of Engineering Research and Applications (IJERA)

Volume : 10 Issue : 7 Series-4

ISSN : 2248-9622

July - 2020

Contents :

- | | |
|--|--------------|
| Design and Control Methods of PFC in Onboard Chargers for Electric Vehicles
<i>Swathi D, Dr Usha P, Winnefred Paul Luke Kingkam Durai</i> | 01-10 |
| A Brief Study on Covariance of Newtonian Mechanics
<i>Dr Dev Raj Mishra</i> | 11-15 |
| Design of On board charger for Electric Vehicle
<i>Swathi D, Dr. P Usha, Winnefred Paul Luke Kingkam Durai</i> | 16-23 |
| Design Modelling and Analysis of Welding Fume Extractor
<i>Mr. Ridwan, Dr. Mahendra Motilal Dhongadi, Mr. Kiran Kumar Rokhade</i> | 24-29 |
| Design and Optimization of Stack Position and Stack Spacing in Thermoacoustic Refrigeration System
<i>Sandeep Singh Vasir, Dr. Diptesh Patel</i> | 30-39 |
| Variable Structure Control for Stabilizing a Fourth order System
<i>Vibha Bhatnagar, Gauri Gupta</i> | 40-46 |
| A Review on Chromium (VI) Removal Using Low Cost Biowaste Materials
<i>S. Sophie Beulah, K. Muthukumaran</i> | 47-52 |
| Design and Developement of Bench Lathe for Acetal Material
<i>Kaushar chavada, Abhishek panchal, Nouman qureshi, pradyumn parmar</i> | 53-58 |
| Water Level Monitoring Sensor
<i>PabbathiSaiteja, Sumagna Patnaik</i> | 59-61 |