ISSN : 2248-9622

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 Scientifi 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

ISSN 2248-9622

9 772248 962204

INDEX COPERNICUS INTERNATIONAL

University Grants Commission
UGC Approved Journal
Sl. no. 4525

International Journal of Engineering Research and Applications (IJERA)

Volume 10 - Issue 6
June 2020

All Papers are indexed in Index Copernicus

International Journal of Engineering Research and Applications (IJERA)

Volume : 10 Issue : 6 Series 8 ISSN : 2248-9622 June-2020

Contents :

Digitalization of ECG Records 01-05
PAWAN KUMAR SHARMA, RAJI K,S E PRIYANKA, ANANDA S.V, HARSHA.K

Smart Urban Growth Understanding urban infill and it's impact 06-22
G.N.Navya Sree, Sree Keerthi. D, Thrinetha

Sweet potato (Ipomoea batatas L. Lam) nutritional potential and social relevance: a review 23-40
Cláudio E. Cartabiano-Leite, Ornella M. Porcu, Alicia F. de Casas

The Utilization of Electrokinetics for the Treatment of Industrial Wastewater -Industrial Size Experimental Study 41-48
Dr. YujieSu, Dr. Mei Dong, Prof. Dr. Dr. h. c. Rafig Azzam

Dense Bituminous Macadam Preparation by Utilizing Waste Plastic 49-55
Yogesh choudhary, Nandeshwar lata, Bharat nagar

Artificial Intelligence Enabled Laser Fence System for Object Classification 56-60
Anjesh Kumar, Deepak Kumar, Hetram Swami, Raj Bahadur Yadav, Madhuri Yadav, Devinder Pal Ghai, Hari Babu Srivastava

Smart Bin Waste Management Network using LoRa and Internet of Things 61-65
Dr.S Muthukumar, K.Selvamurugan, K.Santhosh Kumar, V.Shalini

Development of Circular Ring Specimens for Friction Determination in Metal Forming Process by Using Experimental Testing 66-71
Mayourshikha Pancholi

Effect of Injection Timing on the Performance and Exhaust Emissions of a Diesel Engine using Diesel– Pupae biodiesel blends 72-76
Pradeep N.R, Dr. S. Kumarappa, Dr. B. M. Kulkarni

Service Models Towards The Evolution Of Cloud Computing 77-81
Satya Nagendra Prasad Poloju