### **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. Bensafi Abd-El-Hamid

Abou Bekr Belkaid University of Tlemcen, Algeria Tamilnadu, India

Dr. Prasanta K Sinha

Deputy Director, Durgapur Institute of Advanced Technology & Management, West Bengal

Hari Mohan Pandey

Middle East College of Information Technology, Under Coventry University, U.K.

Dr. V S Giridhar Akula

Professor and Principal, Avanthi's Scientifi Technological and Research Academy (JNTU), Hyderabad

Dr. Prasanta K Sinha

Durgapur Institute of Advanced Technology & Management, Durgapur

Dr. A.V.Senthil Kumar

Director, MCA depart, Hindusthan College of Arts and Science,

Dr. Suresh Prasad Singh

H.O.D.(Chemical Engineering), B. I. T. Sindri, Dhanbad

Patrick Tiong Liq Yee

Universiti Teknologi Malaysia, Malaysia,

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



## **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)

ISSN: 2248-9622 Volume: 10 Issue: 6 Series-5 June - 2020 Contents: Heat Enhancement in Mini Channel Heat Exchanger using Software 01-07 **Analysis Method** Mr.Omkar Sanap, Mr.Prathamesh Kulkarni, Mr. Shubham Holkar, Mr. Piyush Chaudhari, Mr.M.S.Dholkawala Systamatic study of how cell division takes place in human fetus 08-09 development based on Time Rupa S Pawar, Dr Jayshree Parikh Smart Waste Management Using Vehicle Tracking System 10-12 Mr. Saurabh Chauhan, Tushar Dangey, Abhishek Naithani Automatic Face Recognition and Detection Using OpenCV, 13-19 Haar Cascade and Recognizer for Frontal Face Zankruti Arya, Vibha Tiwari 20-28 Architecture of System Design of E-verification and Eauthentication of Driver in Saudi Arabia in Covid-19 using Bluetooth, fingerprint, Maps Technology Raid Mohsen Alhazmi Recycled Glass Powder replaces Fine Aggregate – Effect on 29-31 **Compressive Strength** K Krishna Bhavani Siram Expert System for Diagnosis of Skin lesion using Android Application 32-38 with Tensor Flow API Sundeep.P.S, Lakshmi Rajan, Karthika Venugopalan, Asst.Prof. M.Gokilavani Analytical study of MHD free convective, dissipative boundary 39-56 layer flow pasta porous vertical surface with conjugate Soret effect andinfluence of heat source in the presence of thermal radiation, chemical reaction and constant suction Lt. K.K.Prusty, M.Senapati Energy Balance in Induction Furnace and Arc Furnace Steelmaking 57-61 Swaren S. Bedarkar, Narendra B. Dalal