# **International Journal of Computational Engineering Research (IJCER)**

## **Editorial Board**

- » DR.Qais Faryadi, Malaysia
- » Dr. Lingyan Cao, US
- » Dr. A.V.L.N.S.H. HARIHARAN, India
- » DR. MD. MUSTAFIZUR RAHMAN, Malaysia
- » Dr. S. Morteza Bayareh, Iran
- » Dr. Zahéra Mekkioui, Algeria
- » Dr. Yilun Shang, US
- » Lugen M.Zake Sheet, Iraq
- » Mohamed Abdellatif.
- » Meisam Mahdavi, Iran
- » Dr. Ahmed Nabih Zaki Rashed, Egypt
- » Dr. José M. Merigó Lindahl, Spain
- » Dr. Mohamed Shokry Nayle, Egypt
- » Dr. Thanhtrung Dang, Vietnam

### Contact us:

» ijceronline@editormails.com

Peer Reviewed Refereed Journal

» www.ijceronline.com



# International Journal of Computational Engineering Research (IJCER)

ISSN: 2250-3005

### Contents:

Expert Medical Diagnostic System for The Confirmation Of Early Pregnancy	01-14
IoT-Driven Cloud Healthcare for Diabetes: Opportunities and Challenges	15-20
Comparison Study of Modulation Techniques for a Three Level NPC Inverter	21-26
Assist Circle [Medical Campaign App]	27-29
Voice Recognition-Based Iot Home Automation System For Low Resource Languages And Healthcare System For Paralysis Patient	30-35
A Study to Assess the Knowledge Regarding the Use of Menstrual Cup among the Adult Girls in Girls' Hostel, Visnagar	36-40
A Study on Impact of FII and DII on in Indian stock market (BSE Sensex)	41-48
Numerical solution of thermal non-Newtonian EHL line contact problem by using preconditioned Newton-GMRES	49-59
Enhancing Forecasting Accuracy in Fuzzy Time Series Model Utilizing Graph-Based Clustering	60-69
Efficiently Solving High-Order and Nonlinear ODEs with Rational Fraction Polynomial: the Ratio Net	70-84
An Engaging Content Delivery Platform Powered by Next Generation Smart LED Technology	85-90
Immune Thrombocytopenia	91-99
Improved LEACH Cluster Algorithm Based on Spatially Uniform Partitioning	100-107
Design and assessment of a Real-Time Internet of Things based, cost-efficient air quality monitoring system	108-113
Evaluation of Regional Financial Performance and Capability of Buru Selatan Regency (Fiscal Year 2019 – 2021)	114-121
Tackling Gadget Addiction among Adolescents in KSA: Understanding the Impact and Implementing Remedies for Computer-Based Communication Ailments	122-131
Analyzing the Effectiveness of Contribution Receivable Management and Key Performance Indicatorson the Financial Performance of the BPJS Ketenagakerjaan (Social Security Administrative Body for Employment) at Maluku Branch	132-135