

Table of Contents

1. An Analysis of an Adjustable Speed PFC BL-SEPIC and ZETA Converter Fed PMBLDCM <i>Akash G Bhople and Pawaskar O S</i>	1-8
2. Real-Time Particle Swarm Optimization based Parallel Hybrid Active Power Filter under Variable Load Conditions <i>Satya Prakash Dubey and Kapil Kumar Nagwanshi</i>	9-16
3. Easy Verdict: Digital Assistant to Resolve Criminal Litigation <i>Reeta Koshy, Abhishek Padalkar, Neha Nikam and Vinit Jain</i>	17-23
4. Virtual Machine Migration Techniques in a Cloud Computing Environment: A Survey <i>Jyoti M Hurakadli and Sathish Babu B</i>	24-31
5. Analysis of Preprocessing Algorithms for Face Detection using KNN and SVM Classifiers <i>Sai Sasank Varthakavi, Devisetty Rohith Prasanna Babu, Likith Kumar Reddy Singam Reddy and Remya Ajai AS</i>	32-39
6. Internet of Things based Intelligent Parking System Facilitated by Third Party Payment Platform <i>Pooja V Chavan and Mansi Kambli</i>	40-45
7. An Efficient Approach for Detection and Classification of Breast Masses in Digital Mammograms <i>Aboli Umesh Vyawahare and Vijaya Thool</i>	46-55
8. Conceptual Design of a Hyperloop Pod Traveling at High Speed inside a Vacuum Tube <i>Arun S B, Arunabha Majumder, Anveeth B H, Aakash Tomar and Abhishek Dhar</i>	56-61
9. Computer Aided Diagnosis System for Diabetic Retinopathy using Deep Learning-based CNN Method <i>Kaushik M K, Mani Teja D, Naga Mahendra Reddy V and Pravallika S</i>	62-69
10. Modelling and Simulation of a Novel Multilevel DC-AC Inverter <i>Jagadish Kumar B and Vinayak Rao K</i>	70-76
11. Advanced Flow Monitoring Technique for Intrusion Tolerance in SDN <i>Manu B and Sneha M</i>	77-82

12. Analysis & Comparison of Decision Tree Algorithms for Vertical Handover in Wireless Networks <i>Siddharth Goutam and Srija Unnikrishnan</i>	83-89
13. Quality of Service Supporting Routing Protocol in Wireless Multisensor Network <i>Soni Chaurasia, Siddhartha Chauhan and Indra Prakash Mishra</i>	90-96
14. The Role of Enterprise Resource Planning and its Critical Success Factors in IT Issues and its Challenges in Management <i>Vijay M Khaparde, Vijaykumar Kottur and Khot S M</i>	97-103
15. 4G MIMO Antenna for Future Mobile Handsets <i>Prachi G Sirdeshmukh and Vijay R Dahake</i>	104-110
16. Secure Data Transmission through Digital Protection Wall based on RGB Color Model in Wireless Network <i>Devika Gawande and Mohod S W</i>	111-118
17. Assessment and Prediction of Quality of Service of Wireless Networks using Support Vector Machines <i>Siddharth Goutam, Srija Unnikrishnan, Sundary Prabavathy, Neel Kudu and Aradhana Goutam</i>	119-126
18. Dissemination of Emergency Messages in Vehicular Networks <i>Ajit R, Akshath S K, Amogh M P, Bharatraj D G and Nandhini Vineeth</i>	127-134
19. IoT-based Smart Switch Board System for Home Appliances Control <i>Saurabh Pathak, Roop Pahuja, Saksham Jindal, Soutrik Maiti, Savy Garg, Divya Garg and Ginni Soni</i>	135-141
20. Simulation Method to Evaluate the Performance of 802.11 b/g Wi-Fi Access Point for Exclusive VoIP Traffic <i>Prapulla S B, Govindarajan, Vaishnavi C, Shobha G, Siri Prakash and Manohar K</i>	142-151
21. Multiple Master Nodes based Time Synchronization Algorithm for Wireless Sensor Networks: A Review <i>Nazir Ahmad, Pratik Patel and Ravi Patel</i>	152-157
22. A Novel Approach for Designing a Subsynchronous Damping Controller <i>Sufia Khanam, Kingsuk Saha and Meera K S</i>	158-164
23. Mind Controlled UAV <i>Prasad Anant Lad, Pooja Pradeep Salvi, Vinay Santosh Kumbhar and Mandar Nitin Gangnaik</i>	165-170

24. Energy Efficient Data Transmission for Narrow Band-IOT Devices using Double Auction 171-176
Srinivasa Rao Patri and Nithyanandan L
25. GSM based Home Automation System 177-182
Rohith Sai V