

Table of Contents

1. Studies on Al Foam Core Sandwich Composites Subjected to Flexural and Compression Loading <i>Sapthagiri G and Shivanand H K</i>	1-8
2. Estimating Software Project Development Effort using Simulation <i>Srinivasa Gopal and Lakshmi Narasimhan</i>	9-18
3. A New Approach based on Image Processing Techniques for Automatic Attendance System with Audio Output <i>Nirmala Shivananda and Aishwarya K V</i>	19-26
4. Indian Sign Recognition System using Adaptable Segmentation and Machine Learning <i>Rishabh Bhatt and Vishal Bharti</i>	27-36
5. Analysis of Power Quality Disturbances using Wavelet Transform <i>Gajanan U Adkine</i>	37-49
6. Structural and Magnetic Properties of NiCoZn Ferrite <i>Meenakshi Arya, Mayuri N Gandhi, Prabhu S S, Achanta Venugopal and Siddhartha P Duttagupta</i>	50-53
7. To Study the Electrical Properties of Concrete by Partial Replacement of Aggregate <i>Mahadik Gitanjali S, Sawant R M and Paranjape A P</i>	54-57
8. Seed Sowing Machine <i>Kumar Aman, Ankit Chandanpat, Kiran Pawar and Nilesh Totla</i>	58-63
9. Solar Operated Pesticide Sprayer in Agriculture Field <i>Sheikh S K</i>	64-71
10. A Robust Fingerprint Alignment and Matching using Multiple Features <i>Umarani Jayaraman, Vandana Dixit Kaushik and Gupta P</i>	72-79
11. Cascaded Filter Analysis on Ultrasound Images of Fetus <i>Jyoti Bharti, Laxita Agrawal, Greeshma Sai L and Dheeraj Solanki</i>	80-87
12. Analysis of Hybrid Broadcasting Schemes in Mobile Ad-hoc Networks <i>Deshmukh M, Kakarwal S, Deshmukh R and Kurmude D V</i>	88-97
13. Comprehensive Survey on Blockchain: Applications, Issues and Challenges <i>Pooja Mishra, Suvarna Patil and Manisha Bhende</i>	98-102

14. Systematic Review of Gateways Placement Methods in Wireless Networks 103-110
Suvarna Patil, Prasad Gokhale and Manisha Bhende
15. Performance Enhancement of Fine Fly Ash and Pond Ash Material in Self Compacted Concrete 111-117
Rajvi T Desai and Nilesh R Parmar
16. Rule-based Fuzzy Logic for Implementing Disease and Risk Prediction Integrated Electronic Health Record (DRiP EHR) 118-125
Ria Bhattacharjee, Kartik Kulkarni and Vaibhav Narwane
17. Anomaly Detection of Computer Networks using Deep Learning Techniques 126-132
Vijaya Kumar B P and Chandrakala
18. Fusion of Color-Texture Features based Classification of Fruits using Digital and Thermal Images: A Step towards Improvement 133-141
Varsha Bhole, Arun Kumar and Divya Bhatnagar