Table of Contents

1. Health-IOT Platform based Intelligent Medicine Box Ryan Dias, Vinay Kumar S B, Yateesh Kumar T V, Sachin B M and Ravi U S	1-7
 Parallel Execution of Tasks of Lexical Analyzer using OpenMP on Multi-core Machine Rohitkumar Rudrappa Wagdarikar and Rajeshwari Krishnahari Gundla 	8-15
3. Heart Attack Intimation and Easy Monitoring System using IoT Kodieswari A, Anandakumar H and Arulmurugan R	16-20
 Image Processing based Assessment of Blast Performance in Opencast Mines – Case Studies Garimella Raghu Chandra, Nagesha K V and Vedala Rama Sastry 	21-28
5. Quadratic-Extrapolated Gauss-Seidel Method to Accelerate PageRank Computation Atul Kumar Srivastava, Rakhi Garg and Mishra P K	29-34
6. A Comparative Study of Image Fusion Sreelekshmi A N and Anil Kumar K S	35-41
7. Android Application for First-Aid on Cloud-Powered Middleware Platform Yashaswini K, Hari Manasa P and Subhashini R	42-47
8. A Critical Review of Generative Adversarial Networks based on Stability Criteria Vishal M Chudasama and Kishor P Upla	48-54
9. Quantum Dot Cellular Automata: A Novel Circuit Design Approach Mrunalini Kamble and Deepti Khurge	55-60
10. Analysis and Implementation of Smart Parking System Integrated with Customer Database using IoT <i>Kaliappan S, Ramprabhu J and Manochitra P</i>	61-66
11. Chattering Reduction Technique using Neural Network based Smart Multi Segment Sliding Mode Control for Induction Motor <i>Chetan Chodavadiya and Vipul A Shah</i>	67-73
12. Mechanical Characteristics of Hybrid Fiber Reinforced High Strength Concrete Blended with Silica Fume Balasubrahmanyam M, Adhiseshu S and Chandra Sekhar Rao T	74-78

13. Influence of Quality Parameters on Quantities of Pushover Analysis Results Supriya R Kulkarni and Babu Narayan K S	79-83
14. Torsional Behavior of Plan Asymmetric Shear Wall Buildings under Earthquake Loading Archana J Satheesh, Jayalekshmi B R and Katta Venkataramana	84-90
15. Along and Across Wind Loads Acting on Tall Buildings Aiswaria G R and Jisha S V	91-96
16. Synthesis and Mechanical Characterization of Cellulose Reinforced Epoxy Polymer Composite <i>Pranav M P, Arun M and Gokul K G</i>	97-110
17. Study of 3D Mathematical Model of Rectangular Bar under Magnetostriction Awani Bhushan, Panda S K, Yash Mittal, Peela Kartheek and Rajat Kumar	111-116
18. Digital Jewellery: An Upcoming Technology Mary Gladence L, Shefali Yadav and Roopini J	117-123
19. Energy Harvesting in a Modified Opportunistic Routing Protocol, a New Approach in Wireless Sensor Network Debabrata Singh, Nibedita Jagadev and Binod Kumar Pattanayak	124-132
20. Double Step Junction for Coupling Enhancement of Rectangular Waveguide fed Cylindrical DRA Jasmine P M, Abdulla P, Raphika P M and Rekha T K	133-140
21. First Order Sliding Mode Controller Design for Inverted Pendulum System Boora Subhash, Veena Sharma and Amita Singh	141-146
22. Wide Stopband Lowpass Filter with Sharp Roll-off using Multiple Resonators Raphika P M, Abdulla P, Jasmine P M and Rekha T K	147-154
23. Soil-Structure Interaction for Building Structures: A Review Arjit Verma, Pal P and Gupta Y K	155-160
24. Static Behaviour of Laminated Composite Plates using FEM Chandan Kumar and Pal P	161-167
25. Optimization of High Speed Carbon Nanotube Simple Inverter based Level Shifter Bhavana P Shrivastava	168-173
26. Fill Factor Estimation for a Photovoltaic Module: An ANN based Approach Sandhya Prajapati and Fernandez E	174-180

27. Rural Sanitation Survey and Potential Technological Solutions for Improving Existing Sanitary Systems in India Richabh Pai, Shurta Yayagal, ValMurugan and Shrihari S	181-189
Rishabh Raj, ShwetaYavagal, VelMurugan and Shrihari S	
28. A Review on Fundus Imaging	190-196
Pradeep Kumar Chaudhary, Amit Kaul and Ravinder Nath	
29. Contemporary Directory Services: A Study of Cloud Oriented Directory-as-a- Service	197-203
Saima Mehraj and Tariq Banday M	
30. A Survey on Link Mining Applications	204-209
Zaved Akhtar, Ravindra Kumar and Umesh Chandra Jaiswal	
31. Mango Crop Pathological Problem Diagnosis using DWTPCA based Statistical Features	210-219
Ullagaddi S B and Vishwanadha Raju	
32. Evaluation of Mechanical Properties in Short Banana fiber Reinforced Epoxy Composites	220-222

Raghvendra S and Prabhakara S S