

Contents

1. Micro Inverter Base Grid Connected Photovoltaic System 1-8
Suresh Kumar L V and Nagesh Kumar G V
2. Evaluation of Information Retrieval Systems using Various Measures 9-15
Princy Sisodiya and Vandana S Sardar
3. Data Security in Mobile Cloud Environment by Adopting Data Classification Model 16-20
Deepak G and Manjunath S S
4. Green Cloud Framework for Energy Efficiency using Round Robin Scheduling and Priority Scheduling 21-27
Isha Chaudhry, Pawan Luthra and Bindu Bala
5. Decremental Algorithm with Node Combination for Routing Optimization in ATIS 28-32
Pushpi Rani and Dilip Kumar Shaw
6. Performance Comparison of Dynamic Clustering Protocols for Energy Efficient Routing in Wireless Sensor Network 33-37
Gaurav S Tapre and Achala Deshmukh
7. Opinion Classification based Information Credibility Analysis System 38-43
Nasiya C Najeeb and Sangeetha Jamal
8. Forecasting of Stock Market Prices using Neural Network 44-48
Kapoor V and Trapti Mishra
9. Design and Development of Dual Input CUK-ZETA Converter 49-55
Shruthi B N and Hemalath J N
10. Multi Level Privacy Preserving in Medical Data Publishing 56-61
Neera Sali K and Diya Thomas
11. Path Planning of Mobile Robot using PSO Algorithm 62-65
Heena Momin and Annu Abraham

- | | |
|--|---------|
| 12. Carrier Aggregation in LTE
<i>Srikanth Kamath H, Humdard Singh and AayushKhanna</i> | 66-71 |
| 13. Mitigating Iris based Replay Attack using Cuckoo Optimized Reversible Watermarking
<i>Richa Gupta and PritiSehgal</i> | 72-77 |
| 14. An Inventory Model for Decaying Items with RampType Demand under Learning Effect
<i>Jayshree and Singh S R</i> | 78-85 |
| 15. PC-PC Communication using LI-FI
<i>Hema Kale</i> | 86-90 |
| 16. Optimization of Energy Efficiency using ClusterTree based Data Aggregation Topology forWireless Sensor Networks
<i>Meeradevi, Anitha S and Monica R Mundada</i> | 91-97 |
| 17. Semantic Web Prefetching using SemanticRelatedness between Web Pages
<i>Jyoti and JyotsnaParmar</i> | 98-104 |
| 18. Cloud based Mobi-Context Hybrid Framework forVenue Recommendation
<i>Shruti I Timmapur and Math M M</i> | 105-112 |
| 19. A Combined Approach of Rock and GeneticAlgorithm for Clustering Categorical Data
<i>Sowmiya Y and Valarmathi B</i> | 113-118 |
| 20. Agile Software Development: Evolution of Case Tool in Software Engineering
<i>Sudhindra K Madi</i> | 119-127 |
| 21. Influence of Parameters in Friction Stir Welding(FSW) Process: A Review
<i>Chauhan A and Soota T</i> | 128-131 |
| 22. Effect of Process Parameters of Machining in CNCWIRE-CUT EDM for Aluminium
<i>Ganesh Mohanty and Dhiren Kumar Behera</i> | 132-140 |
| 23. Traffic Congestion in Developing Countries: Lack of Space or Lack of Management
<i>BalaYesuAchyuta and VeenaBansal</i> | 141-145 |

24. FIDIC and NHAI Conditions of Contract: A Comparative Study on Indian Highway Construction Project 146-153
Arun Chandramohan and Vinay Mohan Agrawal
25. Comparitive Study of Effect of Loading for OceanTransportation & Seismic Event on Modular SteelStructures 154-161
Ajit Kadam, Mohammad AsifSani and Saurabh S Kathale
26. Stress Concentration Effects on GFRP CompositePlates with Circular Cut-Outs 162-168
Maneesh C R and Priyadarsini R S
27. Integrated Approach to Green Building Design 169-175
Mridul Yadav and Sabita Madhvi Singh
28. Denoising of Microarray Images using the MarkovRandom Field Model in the Spatial Domain 176-184
Priya Nandihal and Manjunath S S
29. Node Mapping and Routing in Wireless Communication 185-190
Sumalatha Sunkara
30. Study of Indian Classical Ragas Yaman and TodiStructure and its EmotionalInfluence on Human Body forMusic Therapy 191-195
Bardekar A A and Ajay A Gurjar
31. Contour Shape Descriptor for 2D Image Retrieval 196-208
Pushpalatha S Nikkam, PriyankaMathapati, PratibhaBadiger, Nagaratna P Hegde and Eswara Reddy B
32. Singing Voice Analysis for Singer Identification usingVibrato Features209-216
Deepali Y Loni and ShailaSubbaraman
33. Characterization and Studies of Mechanical Properties ofFly ash/Nano clay Epoxy Resin Polymer Composites 217-222
Komalkumar B N, Prajwal G, Prateek J P, Karthik J and Revanasiddappa M
34. Synchrophasors Measurement for Intentional Islandingwith Realistic Considerations 223-231
NawabSaquib Ibrahim and MohdRihan

35. Investigation of Efficient Cryptic Algorithm for CloudStorage 232-238
Ashok Sharma, Thakur R S and ShalieshJaloree
36. Cryptic Mining for AVK Based Cryptosystem and Client Side Encryption Perspective 239-244
Shaligram Prajapat, Pulkit Vaishnav and Thakur R S
37. Study of Trust Models and Semantic StructuralRelationship between the Concepts of OrganizationalTrust for building High Trust Organization 245-248
Jawhara Rashid Al Harrasi and Santhosh John
38. Performance of Semi-Blind Channel EstimationApproximations in LTE Downlink 249-258
Poornima, Laxminarayana G and SrinivasRao D
39. A Survey on Issues and Challenges of Big Data 259-265
Kavitha G and Elango N M
40. NESSRD: Node Eminence State and Node Sequence Statebased Secure Route Discovery to Prevent Black and GrayHole Attacks in Mobile Ad Hoc Networks 266-273
Soma Sekhar G and Sreenivas Reddy E
41. A System for Recognition of Offline HandwrittenMathematical Equations using Neural Network withHybrid Feature Extraction Technique 274-281
SagarShinde and RajendraWaghulade
42. An Intelligent Data Classification System forMicronutrient Analysis of Rural Women 282-289
MaheswaraRao V V R and Silpa N
43. Segmentation of Natural Scene Images using Grating CellTexture Operator and K-means Clustering Algorithm 290-296
Jajnyadatta Samantaray, Nrusingha Prasad Rath and NeeharikaNaik
44. Real-time Low Latency Data Processing using STM 297-303
Ryan Saptarshi Ray, PrasunBhattacharjee, Utpal Kumar Ray and ParamaBhaumik
45. Heartbeat Classification based on Combinational FeatureSelection Method for Analysing Cardiac Disorders 304-309
HemantKasturiwale, Sujata N Kale and Sunil K Nair

46. Feature Extraction Using MFCC for Speech Recognition 310-314
Sherry Vijh, Parminder Singh and ManjotKaur Gill
47. Offline Handwritten Gurmukhi Character Recognition using Particle Swarm Optimized Neural Network 315-319
Balwinder Singh Dhaliwal, JaspreetKaur and Sandeep Singh Gill
48. Performance Analysis of OFDM-ODSB, OFDM-OSSB and OFDM-OVSB FSO Communication System by Employing Spatial Diversity 320-326
Harjot Kaur Gill, Harmeet Singh Gill and Balwinder Singh Dhaliwal
49. Comparison between Multi-Layer Perceptron and Radial Basis Function Networks for Predicting Reliability and Availability: A Case Study 327-333
Navneet Singh Bhangu, Pahuja G L and Neha Kaushal
50. Computation of Temperature Distribution in the Stator of a 75 kW Slip-Ring Induction Motor by FEM During Star-Delta Starting 334-342
Pradyumna Ranjan Ghosh and Debasis Sarkar
51. Design of State Feedback Observer based on Kharitnov Polynomial for Rotary Inverted Pendulum 343-351
Jim George and Gylson Thomas
52. Planning and Reliability Analysis for Restructuring of Existing OH Lines to UG Cables: A Case Study 352-358
Raghavendra Reddy B, Sankar V and Francis C Joseph
53. Performance Parameters Evaluation & Comparison of Basic Non-Isolated DC-DC Converters for Wind Energy Conversion Systems 359-366
Hemalatha J N, Hariprasad S A and Anitha G S
54. Automated User Interface Harmonization in a Multi-Source Big Data Streaming Scenario 367-372
Shakthi Priyan T and Kanchana Rajaram
55. Real-Time Field Distribution of the Closed Object using Image Reconstruction Technique 373-378
Sharvan Kumar
56. An Efficient 2D-Discrete Wavelet Transform Architecture for JPEG 2000 using Field Programmable Gate Arrays 379-384
Srinivasa Rao V, Rajesh K Panakala and Rajesh Kumar Pullakura

57. Influence of Temperature and Contact Time on the Synthesis of Iron Oxide Nanoparticles for the Removal of Heavy Metals from Rooftop Harvested Rainwater 385-390
Dilna Cherian and Meera V
58. Machine Vision to Identify Malignant Melanoma by Asymmetry Analysis 391-397
Punal M Arabi, Gayatri Joshi and Tejaswi Bhat
59. Feature Selection Methods for Heart Disease Prediction with Data Mining Techniques 398-403
Uma K and Hanumanthappa M
60. Clustering of Computers 404-408
Vivek Kapoor, Rishabh Deshmukh and Harsh Kara
61. Fuzzy Rule based Lung Cancer Diagnosis Expert System 409-415
Ramana Murty N V and Prasad Babu M S
62. Review on Reinforced Concrete Skew Slab 416-419
Madhu Sharma, Naveen Kwatra and Harvinder Singh
63. An Approach to Maximize the Performance of Wireless Sensor Network for Sampling Time Less Than the Optimum Value 420-425
Satyanarayana Chanagala and Zafar Jawed Khan
64. Experimental Studies on Bearing Capacity of Inclined Skirted Footings on C- Φ Soils 426-432
Arekal Vijay, Vijayalakshmi Akella and Bhanu Murthy P R
65. Performance Analysis of Different Classifiers for Diabetes Classification 433-437
Midhila M and Padmavathi S
66. Graph Theoretic Solution to Multidimensional Optimization (A-Tree) 438-442
Swaroop V Dugani, Sunanda Dixit and Mahesh B V
67. Extract Session using Pig 443-446
Seema Sultana and Sunanda Dixit