



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra

## Journal Publication

### Academic Year 2023-2024

1. M. Kiruthika and Bindu S, "A Security Enabled Real time Fault Detection and Classification of Power System Conditions", International Journal of Advanced Technology and Engineering Exploration. 2023; 10(107):1260-1278.
2. Vaishali Sarbhukan, Sharlene Rebeiro, Lata Ragha and Renuka Pawar, "Vigorous and Efficient Trust Model for Security Enhancement in MANET", International Journal of Engineering Trends and Technology, Volume-71, Issue-10, pp. 82-93, October 2023.
3. Darshana Thambe and Lata Ragha, "ECBFMBP: Design of an Ensemble deep learning Classifier with Bio-inspired Feature Selection for high-efficiency Multidomain Bug", Journal of Cognitive Science, Volume 24, Issue 3, September 2023, pp. 313-336
4. Seema B. Rathod and Lata L. Ragha, "The Detection of Lung Tumors Using CT scan Images with Feature Extraction and Segmentation Techniques", International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 1, 2024, pp. 628-638
5. Seema B. Rathod and Lata L. Ragha, "DLCT LUNG Detect Net: Leveraging Deep Learning for Lung Tumor Detection in CT scans", Journal of Electrical Systems, vol. 20, no. 2s, 2024, pp. 1290-1308
6. Poonam Bari and Lata Ragha, "Machine Learning-based Extrapolation of Crop Cultivation Cost", Inteligencia Artificial, 27(74), 2024, pp. 80-101.
7. Smita Bansod and Lata Ragha, "A framework for Software testing of Blockchain based applications with appropriate tools", International Journal of Intelligent Systems and Applications in Engineering (IJISAE), 12(3), 2024, pp.910-921
8. Sonali Mhatre and Lata Ragha, "A Hybrid Approach for Automatic Text Summarization by Handling Out-of-Vocabulary Words Using TextR-BLG Pointer Algorithm", Springer Nature, Scientific and Technical Information Processing, Vol. 51, No. 1, May 2024, pp. 72-83.
9. Rohini Deshpande, "Food Waste Management", IJARESM, Vol.12, Issue 4, April 2024 ISBN/ISSN 2455-6211 <https://www.ijaresm.com/food-waste-management>
10. Rohini Deshpande, "Attendance Management System", IJARESM, Vol.12, Issue 4, April 2024
11. Jyoti Sunil More, Jyoti Sandesh Deshmukh, Deeplaxmi V. Niture, "Smart Healthcare: Blockchain-Driven Patient Risk Classification with Machine Learning", International Journal of Intelligent Systems And Applications In Engineering, 12(3), 4025-4034, 2024

12. Dr. Vaishali V. Sarbhukan (Bodade), Dr. Jyoti S. More, Dr. Yogesh Jadhav, "Smart City Infrastructure Monitoring using AI and IoT Technologies", International Journal of Intelligent Systems And Applications In Engineering, 12(21s), 1687-1695, 2024
13. Kavita SR, Shinde SK. "Smart storage strategies for blockchain: a review of approaches", International Journal of Advanced Technology and Engineering Exploration. 2024; 11(115):852-874. Doi:10.19101/IJATEE.2023.10102422.
14. Kiruthika M, Dr Bindu S, "Secured protection of transmission line by distance relay using data mining approach", International Journal of Advanced Technology and Engineering Exploration, Vol 10(Issue 107), October 2023, ISSN (Print):2394-5443 ISSN
15. K. Namboothiripad Mini, "Analyzing the Impact of Discretization Techniques on Real Time Simulation of DC Servo Motor Using FPGA", International Journal of Computing and Digital Systems, Vol 15, Issue.1, Page No. 1457-1467, 2024.
16. Etikala Raja Vikram Reddy, Sushil Thale, "A Novel Efficient Dual-Gate Mixed Dilated Convolution Network for Multi-Scale Pedestrian Detection", Engineering Technology & Applied Science Research (ETASR) Journal, vol. 13, No. 3, pp. 11011-11019, June 2023
17. Anand Unnikrishnan, Anto Sen, Astitva Anant, Ahmed Uzair and Ruchi Harchandani, "Keypad And Smartphone Based Digital Door Lock", International Journal of Applied Engineering & Technology, ISSN:2633-4828, Vol 5, No 4, December 2023
18. Anant Kulkarni, Majid Haghparast, and Brajesh Kumar Kaushik, "Optimization and performance investigation of 1-Toffoli gate quantum full adders for spin-torque-based n-qubit architecture", Journal of Optical and Quantum Electronics, vol. 56, no. 14, 202
19. U. Mhapankar and M. Shah, "A Spectrotemporal EEG Mapping Approach for Decoding Imagined Marathi Language Phonemes", Eng. Technol. Appl. Sci. Res., vol. 14, no. 2, pp. 13604-13610, Apr. 2024.
20. N. Wankhede and S. Wagh, Enhancing Biometric Speaker Recognition Through MFCC Feature Extraction and Polar Codes for Remote Application in IEEE Access, vol. 11, pp. 133921-133930, 14th November 2023.
21. Trupti Harhare and Milind Shah, "Investigating Marathi Prosody: Unraveling Features of an Understudied Language", Computer Research And Development, Vol. 24, Issue 6, June 2024, pp. 70-84.
22. Vaishali Sarbhukan, Sharlene Rebeiro, Lata Ratha, "Vigorous and Efficient Trust Model for Security Enhancement in MANET", International Journal of Engineering Trends and Technology Volume 71 Issue 10, 82-93, October 2023 ISSN: 2231-5381 © 2023 Seventh Sense Research Group®

23. Vaishali Sarbhukan , Sharlene Rebeiro, Lata Ragha , Renuka Pawar Vigorous and Efficient Trust Model for Security Enhancement in MANET", International Journal of Engineering Trends and Technology Volume 71 Issue 10, 82-93, October 2023
24. Prajkta Bhangale, Shubhangi Vaikole, "Chaotic Map Based Raster Data Encryption for Geospatial Data", International Journal of Safety and Security Engineering (IJSSE) Volume 13, Number 6, December 2023, ISSN: 2041-9031 (Print); 2041-904X (Online)
25. Dr. Vaishali V. Sarbhukan( Bodade), Dr. Jyoti More and Dr. Yogesh Jadhav, "Smart City Infrastructure Monitoring using AI and IoT Technologies", International Journal of Intelligent Systems and Applications in Engineering (IJISAE), ISSN:2147-679921, Year 2024, 12(21s), 1687-1695
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27. P. Bari and L. Ragha, "Machine Learning-based Extrapolation of Crop Cultivation Cost", Inteligencia Artificial, Vol. 27 No. 74 , 2024
28. Mukta Nivelkar, Sunil Bhirud, Rahul Ranjan and Bipin Kumar, "Investigation and Statistical Analysis of Cloud Droplet Dynamics Using Quantum Computing", Journal of Computer Science, Volume 20 No. 3, 2024, 344-356
29. N.N. Deshmukh, A. Ansari, A.P. Tajir, C.C. Almeida, A.S. Shetty, N.S. Danie, S.K. Kadam., "Suppression of thermo-acoustic instabilities in horizontal Rijke tube using pulsating radial jets", MethodsX, vol. 11, no., p. 102325, Dec. 2023
30. Vishal G. Salunkhe, S. M. Khot, R. G. Desavale, Nitesh P. Yelve, "Unbalance Bearing Fault Identification Using Highly Accurate Hilbert-Huang Transform Approach", ASME. ASME J Nondestructive Evaluation. August 2023; 6(3): 031005.
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32. S. W. Rukhande, D. G. Bhosale, W. S. Rathod, and H. Vasudev, "Plasticity Index A Measure Of Dry Sliding Wear For Ni-Based Coating", Surf. Rev. Lett., 2023
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35. P. Bari and P. Karande, "Optimal job scheduling to minimize total tardiness by dispatching rules and community evaluation chromosomes", *Decision Making: Applications in Management and Engineering*, vol. 6, no. 2, pp. 201-250, 2023
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37. J. Tupe, D. Padmanabhan, and S. M. Khot, "Improvement of Water Flux with Date Palm Reinforcement in Composite Membranes", *International Journal of Applied Engineering & Technology*, vol. 5, no. 4, pp. 1443-1454, Dec. 2023
38. P. S. Jadhav, V. G. Salunkhe, R. G. Desavale, S. M. Khot, P. V. Shinde, P. M. Jadhav, P. R. Gadyanavar, "Identification and Fault Diagnosis of Rolling Element Bearings Using Dimension Theory and Machine Learning Techniques", Vol. 146, No. 8, pp. 021003-16, 2024
39. P. Bari, P. Karande and V. Bag, "Hybrid genetic algorithm to minimize scheduling cost with unequal and job dependent earliness tardiness cost", *International Journal of Production Management and Engineering*, vol. 12, no. 1, 2024
40. J. Tupe, D. Padmanabhan, and S. M. Khot, "Improving Water Flux Using Agave Reinforcement in Polymeric Membranes", *NanoWold Journal*, vol. 10, no. S1, pp. S265–S269, Mar. 2024
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