



Information Science and Engineering

List of Publications 2023 to 2024

List of Journals:

1. Raghavendra R J, Dr. R Sanjeev Kunte, "Extended Right-Angle Difference Ternary Co-Relation Pattern: A New Feature Descriptor for Face Anti-Spoofing", Computers & Security, 134-, pp. 1-14, 2023. (DBLP, Scopus, SCI) DOI: <https://doi.org/10.1016/j.cose.2023.103421>
2. Dr. Jyothi K, Deepa, "An Improved Depth Estimation Using Stereo Matching and Disparity Refinement Based on Deep Learning", International Journal of Advanced Computer Science and Applications, 14-11, pp. 552-559, 2023. (Scopus) DOI: 10.14569/IJACSA.2023.0141156
3. Sowmya G V, Dr. R Aparna, "Energy Efficient Cluster Formation and Multihop Routing Based on Improved Harmony Search Algorithm for Wireless Sensor Networks", International Journal of Computer Networks and Applications, EverScience Publications, 10-5, pp. 706-727, 2023. (Scopus) DOI: 10.22247/ijcna/2023/223419
4. Pavan Kumar MP, S. Raghavendra, Rangaswamy BE, Pradeep NB, "Additively Manufactured/3D Printed Batteries and Supercapacitors", Practical Implementations of Additive Manufacturing Technologies, Springer Nature, 1-1, pp. 177-189, 2023. (Scopus) DOI: https://doi.org/10.1007/978-981-99-5949-5_8
5. Sowmya G V, Dr. R Aparna, "Analysis of The Multihop Routing Algorithm for Wireless Sensor Network Based on Baud Rate and Path Loss Models", Journal of Theoretical and Applied Information Technology Little Lion Scientific, 101-17, pp. 7056-7067, 2023. (Scopus) DOI: <https://www.jatit.org/volumes/Vol101No17/26Vol101No17.pdf>
6. Dr. R Sanjeev Kunte, Raghavendra R J, "Extended Right-Angle Difference Ternary Co-Relation Pattern: A New Feature Descriptor for Face Anti-Spoofing", Computers & Security, Elsevier, 134-103421, pp. 1-14, 2023. (DBLP, Scopus, SCI) DOI: <https://doi.org/10.1016/j.cose.2023.103421>
7. Akshay M J, Pavan M, "A CNN Based Approach for Wall Crack Detection", Gradiva Review Journal, 9-7, pp. 395-400, 2023. (Scopus) DOI: 10.37897.GRJ.2022.V917.23.513258
8. Vishwas C G M, Dr R Sanjeev Kunte, "Encryption Using Binary Key Sequences in Chaotic Cryptosystem", International Journal of Computer Network and Information Security, MECS Press, 15-4, pp. 48-60, 2023. (Scopus) DOI: 10.5815/ijcnis.2023.04.05



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9. Sowmya G V, Dr. Kiran M, "Improved Harmony Search Algorithm for Wireless Sensor Networks", Journal of Computer and Systems Sciences, International Pleadies Publications, 61-6, pp. 1058-1075, 2022. (Scopus) DOI: 10.1134/S1064230722060168
10. Sudeep Manohar, "Human Fall Detection System Using Machine Learning", GIS Science Journal, 11-5, pp. 348-356, 2024. (Scopus)DOI: 20.18001.GSJ.2024V1115.24.41185438
11. Vishwas CGM, "Image Security Using Scan Pattern and Chaotic Map", GIS Science Journal, 11-5, pp. 149-158, 2024. (Scopus)DOI: 20.18001.GSJ.2024V1115.24.41185419
12. Vishwas CGM, "Integrated Predictive Model for Multiple Disease in Humans", GIS Science Journal, 11-4, pp. 771-782, 2024. (Scopus) DOI: 20.18001.GSJ.2024V1114.24.41185387
13. Akshay MJ, "Enhanced Network Security: Machine Learning- Based Botnet Detection", GIS Science Journal, 11-4, pp. 587-600, 2024. (Scopus) DOI: 20.18001.GSJ.2024V1114.24.41185370
14. Dr R Sanjeev Kunte, Vishwas CGM, "Encryption Using Binary Key Sequences in Chaotic Cryptosystem", International Journal of Computer Network and Information Security, MECS Press, 15-4, pp. 48-60, 2023. (Scopus) DOI: 10.5815/ijcnis.2023.04.05
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17. Sayed Aftab Ahamed, "Skin Cancer Detection System using Machine Learning", Gradiva Review Journal, 9-7, pp. 477-485, 2023. (Scopus) DOI: 10.37897.GRJ.2022.V917.23.513267
18. Sowmya G V, Sindhu S R, Amrutha B L, Nisarga G P, Harshitha H M, "Speech to Sign Conversion using Natural Language Speech Processing", International Journal of Scientific Research in Engineering and Management, 8-5, pp. 1-4, 2024. (UGC) DOI: 10.55041/IJSREM34023
19. Sowmya G V, Nikhitha A, Ramya K R, Swati R Hegde, Vaishnavi, "Driver Distraction Detection using Machine Learning", International Journal of Scientific Research in Engineering and Management, 8-4, pp. 1-5, 2024. (UGC) DOI: 10.55041/IJSREM32434
20. Prathima L, Rakshitha SC, Sanjana R, Yuktha Muki, "Supervised Machine Learning Approach for Lung Cancer Diagnosis", International Journal of Advanced Research in



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21. Prathima L, Ms. Ashwini P Patel, Ms. Bhavana V, Keerthi P, Prajna, "Classification of WBC Using Convolution Neural Networks", International Journal of Scientific Research in Engineering and Management (IJSREM), 8-4, pp. 1-8, 2024. (UGC) DOI: 10.55041/IJSREM32010
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23. Pradeep HK, Dr. Shoieb Ahamed, Sathyanarayana K, "Machine Learning Approach for Fake News Detection in Twitter Using Vader Algorithm", International Journal of Creative Research Thoughts (IJCRT), 11-8, pp. 530-535, 2023. (UGC) DOI: <https://ijcrt.org/papers/IJCRT2308062.pdf>
24. Girish Mantha, Praveen G Shet, Rahul Athreya K M, Sathwik P Bhat, Shamanth GP B, "Preserving Network and Adaptive Content Generating Method for Image Based Virtual Try-On Clothing System", JNNCE Journal of Engineering & Management, 7-1, pp. 32-39, 2023. (ISI) DOI: <http://jjem.jnnce.ac.in/current.html>
25. Pavan Kumar M P, Varsha M, Basavarajappa, "Extreme Learning Machine for Solving Paddy Nutrient Deficiencies in Davangere Region", Int. J. Agriculture Innovation, Technology and Globalisation, Inderscience Publishers (IEL), 3-2, pp. 157-176, 2024. (i-scholar) DOI: <https://doi.org/10.1504/IJAITG.2023.135048>
26. Samara Mubeen, "Game Theory Approach: Profit Calculation in Business", Journal of Applied Information Science, 12-1, pp. 7-17, 2024. (i-scholar) DOI: <http://www.publishingindia.com/JAIS/71/32130/2024/>
27. Girish Mantha, "Forecasting on Heart Diseases using Hybrid ML Techniques", International Journal of Research and Analytical Reviews (IJRAR), 11-2, pp. 247-252, 2024. (UGC) DOI: <https://ijrar.org/archive.php?vol=11&issue=2>
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32. Samara Mubeen, "Performance Analysis of Cloud and Fog Computing at Emporium", International Journal of Distributed and Cloud Computing, 12-1, pp. 01-07, 2024. (EBSCO) DOI: <http://www.publishingindia.com/ijdcc/68/32118/2024/>
33. Sudeep Manohar, "Yolo Bases Approach for Helmet and Seatbelt Detection", Iconic Research and Engineering Journal, 7-2, pp. 66-71, 2023. (Google Scholar) DOI: <https://www.irejournals.com/paper-details1704928>
34. Sayed Aftab Ahamed, "Speech Emotion Recognition Using Machine Learning", International Journal of Scientific Research in Engineering and Management, 8-5, pp. 1-13, 2024. (Google Scholar) DOI: 10.55041/IJSREM33995
35. Sharath Kumar SR, "Prediction of Diabetes Using Machine Learning Algorithms in Healthcare", International Journal of Scientific Research in Engineering and Management Journal, 8-5, pp. 1-5, 2024. (Google Scholar) DOI: 10.55041/IJSREM33603
36. Rashmi R, Chiranth T S, Nikil Balaji K S, "Forecasting on Malaria, Dengue and Alzheimer Disease Using Machine Learning Algorithm", IJRAR International Peer Reviewed Journal, 11-2, pp. 318-323, 2024. (Google Scholar) DOI: <http://www.ijrar.org/IJRAR24B2968.pdf>
37. Pradeep H K, Mohan R Bedre, Aditya Basavaraj, Ananya Babu Naik, Bindushri S Patil, "Vehicle Tracking System", International Journal of Research and Analytical Reviews, 11-2, pp. 145-150, 2024. (UGC) DOI: <http://doi.one/10.1729/Journal.39166>

List of Conferences:

1. Akshay M J, B G Premasudha, Seema B Hegde, "IoT to Digital Twin: A Futuristic Smart Farming", 2024 International Conference on Smart Systems for applications in Electrical Sciences (ICSSSES), pp. 1–6, 2024. (Scopus) DOI: 10.1109/ICSSSES 62373.2024.105 61335.
2. Raghavendra R J, K S Rajesh Kumar, Gagan P, Basavaraj R Ganiga, Disha N P, "A Novel Texture Descriptor for Face Anti-Spoofing", 3 IEEE international conference on Power



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3. Dr. Jyothi K, M Pavan, “Human Action Recognition Based on Body Shape and Orbicular Grid”, Advances in Data Driven Computing and Intelligent Systems, pp. 97–108, 2024. (Scopus) DOI: 10.1007/978- 981-99-9531- 8_8.
4. Chethan G S, Sanketh Kashyap K R, Saaketh S Hegde, Rakshith K M, “Revolutionizing Education: Unleashing Insights from Advanced Text Analysis and Deep Learning Models in Student Feedback Analysis”, IEEE ICPEICES 2024, pp. 401–412, 2024. (Scopus) DOI: https://doi.org/10.1007/978-981-13-5802-9_37.
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6. Chethan G S, Dr. Vinay S, “Design of Innovative Holistic Architecture for Collaborative Educational Big Data on Cloud Environment”, Research Conclave 2024.