



## Information Science and Engineering

### List of Publications 2022 to 2023

#### List of Journals:

1. Pavan Kumar M. P, Varsha, Poornima B, and Basavarajappa, "Novel Hybrid ARIMA-BILSTM Model for Forecasting of Rice Blast Disease Outbreaks for Sustainable Rice Production", Iran Journal of Computer Science (Springer), Vol. 6, No. 2, pp. 147–159, June 2023. (DBLP, Scopus, ACM) DOI: 10.1007/s42044-022-00128-3
2. Jyothi K and Deepa, "A Deep Learning Based Stereo for Autonomous Vehicle", IAES International Journal of Artificial Intelligence, Vol. 12, No. 1, pp. 87–95, Mar. 2023. (Scopus) DOI: 10.11591/ijai.v12.i1.pp87-95
3. Samara Mubeen, Ashwini J. P, and Sreedevi S., "Architecture of Fog-Computing Framework for M-Commerce Applications", Gradiva Review Journal, Vol. 9, No. 2, pp. 499–507, Feb. 2023. (Scopus) DOI: 10.37897/GRJ.2022.V8I12.22.50790
4. Samara Mubeen, Ashwini J. P, and Sreedevi S., "Nodes Behavior Classification Using Bayes Classifier in Adhoc", Gradiva Review Journal, Vol. 9, No. 2, pp. 701–709, Feb. 2023. (Scopus) DOI: 10.37897/GRJ.2022.V8I12.22.50815
5. Arunkumar P, Deepak M, Devendrappa, Karthik P, and Deepak N. Ananth, "Comparison of Different Sparse Dictionaries for Compressive Sampling", Bulletin of Electrical Engineering and Informatics, Vol. 11, No. 5, pp. 2611–2620, Oct. 2022. (Scopus) DOI: 10.11591/eei.v11i5.4014
6. Pavan M, "Study of Soil Classification by Employing Deep Learning and Machine Learning Methods", Gradiva Review Journal, Vol. 9, No. 5, pp. 927–944, May 2023. (Scopus, UGC) DOI: 10.37897/GRJ.2022.V9I5.23.51241
7. Chethan G. S, "Driver Drowsiness and Yawn Detection Using Machine Learning", Gradiva Review Journal, Vol. 9, No. 5, pp. 1583–1600, May 2023. (Scopus, UGC) DOI: 10.37897/GRJ.2022.V9I5.23.512978
8. Raghavendra R. J, "Countermeasures to Facial Spoofing Attacks: A Survey", Gradiva Review Journal, Vol. 9, No. 3, pp. 452–463, Mar. 2023. (Scopus) DOI: 10.37897/GRJ.2022.V9I3.22.50884
9. Sayed Aftab Ahamed, Ashwini S. R, Girish Mantha, and Prema K. N., "Biomedical Waste Segregation for Hospice Applications", International Journal of Research and Analytical Reviews (IJRAR), Vol. 10, No. 1, pp. 82–86, Jan. 2023. (UGC) Link <https://www.ijrar.org/papers/IJAR23A1266.pdf>



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10. Pavan Kumar M. P, Varsha M, and Poornima B., “A Machine Learning Technique for Rice Blast Disease Severity Prediction Using K-Means SMOTE Class Balancing”, International Journal of Risk and Contingency Management (IJRCM), Vol. 11, No. 1, pp. 1–27, Dec. 2022. (ACM) DOI: 10.4018/IJRCM.315304
11. Prathima L, “Air Quality Monitoring System Design and Analysis Using IoT”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 9, No. 8, pp. 1–7, Aug. 2022. (UGC) Link <https://www.jetir.org/papers/JETIR2208108.pdf>
12. Pavan Kumar M. P, Arun Kumar P, and Suchethana H. C, “Literature Survey on Big-Data Analytics and Tools”, JNNCE Journal of Engineering & Management (JJEM), Vol. 6, No. 1, pp. 31–44, July 2022. (ISI) DOI: 10.37314/JJEM.2022.060106
13. Sayed Aftab Ahamed, Sharath Kumar S. R, and Girish Mantha, “A Review: Plant Disease Detection Using Image Processing and Deep Learning”, IJRAR, Vol. 9, No. 3, pp. 174–178, July 2022. (UGC) Link <https://www.ijrar.org/papers/IJRAR22C1634.pdf>
14. Raghavendra R. J, “A Review on Face Anti-Spoofing Methods”, IJCRT, Vol. 11, No. 3, pp. 331–338, Apr. 2023. (UGC) Link <https://ijcrt.org/papers/IJCRT2303256.pdf>
15. Arun Kumar P; Pavan Kumar M P; Suchethana H C — “Literature Survey on Big-Data Analytics and Tools.” JJEM (JNNCE), 6(1): 31–44, 31-07-2022. (ISI) DOI: 10.37314/JJEM.2022.060106; ISSN: 2582-0079.
16. Girish Mantha, Ashwini S. R, Sayed Aftab Ahamed, and Prema K. N., “Biomedical Waste Segregation for Hospice Applications”, IJRAR, Vol. 10, No. 1, pp. 82–86, Jan. 2023. (UGC) Link <https://www.ijrar.org/papers/IJRAR23A1266.pdf>
17. Girish Mantha, Sayed Aftab Ahamed, and Sharath Kumar S. R., “A Review: Plant Disease Detection Using Image Processing and Deep Learning”, IJRAR, Vol. 9, No. 3, pp. 174–178, July 2022. (UGC). Link <https://www.ijrar.org/papers/IJRAR22C1634.pdf>
18. Samara Mubeen, “Customer Reviews for Product Recommendation Using Machine Learning”, Journal of Network and Information Security, Vol. 10, No. 2, pp. 8–14, Dec. 2022. (ISI) Link
19. Samara Mubeen, “Design and Implementation of B2B Bot Using Game and Queuing Theory”, Journal of Network and Information Security, Vol. 10, No. 2, pp. 21–25, Dec. 2022. (EBSCO) Link <http://www.publishingindia.com/jnis/69/32009/2022/>
20. Suchethana H. C, Pavan Kumar M. P, and Arun Kumar P., “Literature Survey on Big-Data Analytics and Tools”, JNNCE Journal of Engineering & Management (JJEM), Vol. 6, No. 1, pp. 31–44, July 2022. (ISI). <https://www.doi.org/10.37314/JJEM.2022.060106>



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21. Chethan G. S, "Student Feedback Analysis with Recommendations", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 8, No. 4, pp. 56–62, July 2022. (ICI) DOI: 10.32628/CSEIT22847
22. Sharath Kumar S R; Sayed Aftab Ahamed; Girish Mantha — "A Review: Plant Disease Detection Using Image Processing and Deep Learning." IJRAR, 9(3): 174–178, 28-07-2022. (UGC) ISSN: 2349-5138. Link <https://www.ijrar.org/papers/IJRAR22C1634.pdf>
23. Girish Mantha, "A Survey on Virtual Try-on Clothing System", IJARCCCE, Vol. 12, No. 1, pp. 1–7, Jan. 2023. (Google Scholar) DOI: 10.17148/IJARCCCE.2023.12101
24. Jyothi K, "Effective Prediction of Cardiovascular Disease", IJIRCCCE, Vol. 11, No. 5, pp. 4195–4203, May 2023. (Google Scholar) DOI: 10.15680/IJIRCCCE.2023.1105140
25. Jyothi K, "Grading of Arecanut Using Machine Learning Techniques", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 8, No. 4, pp. 33–39, July 2022. (Google Scholar) DOI: 10.32628/CSEIT2283119
26. Jyothi K, "An Automatic Stock Price Prediction Using Machine Learning", International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 6, No. 7, pp. 1–5, July 2022. (Google Scholar) link <https://ijsrem.com/volume06issue07july2022>

### List of Conferences:

1. Vishwas C. G. M and R. Sanjeev Kunte, "Image Encryption Using Hybrid Chaotic Cryptosystem", in International Conference on Artificial Intelligence and Data Science (ICAIDS 2022), Bangalore, India, Oct. 8–9, 2022, pp. 409–416. (Scopus) DOI: 01.GIJET.9.1.323.
2. Sudeep Manohar, "Optimal Quadcopter Placement Using Brute Force Method for Efficient 5G Communication", in IEEE 7th International Conference for Convergence in Technology (I2CT), Pune, India, July 19, 2022, pp. 1–6. (Scopus) DOI: 10.1109/I2CT54291.2022.9824579
3. Suchethana H. C, Sonia Maria D'Souza, Nanda Ashwin, Veeresh K. M, Harshan K. G, and Praveen Murthy K. S, "An Analysis of Smart Clinical Trial Investigation Methods in Research Medical Industries", in 4th International Conference on Cognitive Computing and Information Processing (CCIP 2022), Bangalore, India, Dec. 23–24, 2022, pp. 1–6. (IEEE) DOI: 10.1109/CCIP57447.2022.10058659



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4. R. Sanjeev Kunte and Vishwas C. G. M, "Image Encryption Using Hybrid Chaotic Cryptosystem", in International Conference on Artificial Intelligence and Data Science (ICAIDS 2022), Bangalore, India, Oct. 8–9, 2022, pp. 409–416. (Scopus) DOI: 01.GIJET.9.1.323.