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KLE INSTITUTE OF TECHNOLOGY GOKUL, HUBBALLI-27

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Faculty Publications 2022-23

1. Geeta R Bharamagoudar, Puneeth Thotad and Basavaraj S. Anami “Diabetes disease detection and classification on Indian demographic and health survey data using machine learning methods” in an international journal Diabetes & Metabolic Syndrome: Clinical Research & Reviews 17 (1), 102690, Elsevier, Scopus Indexed 2023, Volume 17, Issue 1, January 2023, 102690
2. Geeta R Bharamagoudar, Puneeth Thotad BS Anami “Diabetic foot ulcer detection using deep learning approaches” in an international journal of Sensors International Volume 4, 2023, 100210, Scopus, DOI:<https://doi.org/10.1016/j.sintl.2022.100210>
3. Chini Shridhar, Rajesh Yakkundimath et al. "Automated Classification of Wheat Varieties Using Soft Computing Techniques." International Conference on Cognition and Recongition. Springer, Cham, 2022.
4. Basavaraj S. Anami, Chetan V. Sagaranal “Influence of Different Activation Functions on Deep Learning Models in Indoor Scene Images Classifications”, in a Journal of Pattern Recognition And Image Analysis ,Sringer , Vol.32, PP 78-88, 2022.
Scopus Indexed, DOI: 10.1134/S1054661821040039
5. Dr.Rajesh Yakkundimath, Girish Saunshi, Dr. B. S. Anami and Surendra Palaigh “Classification of Rice Diseases using Convolutional Neural Network Models”,in a Journal of The Institution of Engineers (India): Series B Classification of Rice Diseases using Convolutional Neural Network Models, Springer 2022.
DOI: <https://doi.org/10.1007/s40031-021-00704-4>
6. Ravi Hosamane, Shridhar Devamane, T. Yerriswamy and Shreya Bagalawadi “ Deep Learning Based Human to Human Interaction Detection Usng Wreless Fidelity”
Springer J.F.:dePazSatanaet.al(Eds):DiTTEt 2022, pp 22-31
DOI:https://doi.org/10.1007/978-3-87687-6_3



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7. Yakkundimath, R., Saunshi, G., Anami, B. et al. Classification of Rice Diseases using Convolutional Neural Network Models. J. Inst. Eng. India Ser. B (2022). pp.1-13. <https://doi.org/10.1007/s40031-021-00704-4>. Quartile:Q4, (SCOPUS)
8. Yakkundimath, R., Jadhav, V., Anami B. Automated Classification of Cervical Cells Using Integrated VGG-16 CNN model. International Journal of Medical Engineering and Informatics. <https://doi.org/10.1504/IJMEI.2022.10046152>. Quartile:Q4, (SCOPUS)
9. Rajesh Yakkundimath, Jadhav, V., Anami B. Co-occurrence Histogram Based Ensemble of Classifiers for Classification of Cervical Cancer Cells. Journal of Electronic Science and Technology. <https://doi.org/10.1016/j.jnlest.2022.100170> . Quartile:Q3, (SCOPUS)
10. Rajesh Yakkundimath , Saunshi, G. et al. Paddy variety identification from field crop images using deep learning techniques. International Journal of Computer Vision and Robotics. . <https://doi.org/10.1504/IJCVR.2022.10047193>. Quartile: Q4, (SCOPUS).
11. Telkar, S., Rajesh Yakkundimath. “ Vegetable Quality Detection and Price Prediction Using Image Processing and Machine Learning”, in GRADIVA REVIEW JOURNAL, ISSN 0363-8057, Vol 8 , Issue07 , pp 245-253, 2022.
12. Rajesh Yakkundimath, Saunshi, G. et al. A comparative analysis of paddy crop biotic stress classification using pre-trained deep neural network. Artificial Intelligence in Agriculture. <https://doi.org/10.1016/j.aiia.2022.09.001>. Quartile: Q1, (SCOPUS).<https://doi.org/10.37897.GRJ.2021.V8I7.22.50024>
13. Balachandra G. C. and Vijeeta Patil presented a paper on “ Advanced Alzheimer’s IOT solution for Real –Time monitoring in Healthcare Services“ in an international Conference of advancement in Technology(ICONAT),Goa, January 2022



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14. Puneeth Thotad, Shanta Kallur, S Amminabhavi “Automatic Question Generator Using Natural Language Processing”, in journal of Pharmaceutical Negative Results, 2759-2764, Vol.13, Issue 10, DOI: <https://doi.org/10.47750/pnr.2022.13.S10.330>, Scopus Indexed, 2022
15. Vijaykumar Bhajantri, Shashikumar G. Totad, Geeta R. Bharamagoudar “Enhancement of Scalability of SVM Classifiers for Big Data”, Book Chapter 9 Advances in Data Science and Analytics: Concepts and Paradigms, 2023
DOI: <https://doi.org/10.1002/9781119792826>.
16. Lalitha Madanbhavi, Geeta R. Bharamagoudar, Nikita Parakh, Nikhil Pujari, Praveen Kakhandaki, Meena S.M “Indian Vehicle Number Plate Detection and Recognition using Deep Learning”, in journal of Positive Philosophy, 2022 Scopus Indexed, 2022.
17. Vijeeta Patil, Madgi, M., Kiran, A. “Early prediction of Alzheimer's disease using convolutional neural network: a review” in an Egyptian Journal of Neurology, Psychiatry and Neurosurgery, 2022, Scopus Indexed.
18. Mahantesh Sajjan, L Kulkarni, BS Anami, NB Gaddagimath “Chilli Identification and Grading in pre/post-harvest Environment based on Computer vision and Deep Learning approaches” 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), IEEE.
19. Vijeeta Patil., Sujatha, C., Allagi, S., Chikkoppa, B. “A Deep Learning Framework for Real-Time Sign Language Recognition Based on Transfer Learning” in an International Journal of Engineering Trends and Technology, Scopus Indexed, 2022
20. Anami, B.S., Mainalli, K., Kallur, S., Vijeeta Patil. “A Machine Learning Based Approach for Wine Quality Prediction”, 2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022. IEEE



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21. Swati Sajjan, Girish Saunshi, Shobha Hiremath “Contour Based Leaf Segmentation in Green Plant Images”, 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), 26-28 August 2022, I IEEE Xplore: 11 October 2022, DOI: 10.1109/ASIANCON55314.2022.9909217
22. Puneeth Thotad, Geeta R Bharamagoudar, Basavaraj S Anami “Predictive Analysis of Diabetes Mellitus Using Decision Tree Approach”, 2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022.IEEE
23. Puneeth Thotad, Laxmi, Shanta Kallur, Swati H. Kadam “Mental Health Tracker Using Machine Learning Approaches” 2022 IEEE North Karnataka Subsection Flagship International Conference (NKcon 2022), Scopus Indexed Nov 2022.

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