JOURNAL PUBLICATION

1. Published a Journal “Design and Development of Enhanced Deep Learning Methodology for Tamil Manuscripts Extraction using hybrid CNN-LSTM-CTC” in Academic Research Journal of Science and Technology (ARJST),ISSN: 3048-9644,March 01, 2025). http://dx.doi.org/10.2139/ssrn.5180775
2. Published a Journal "Innovative Approaches in Deep Neural Networks: Enhancing Performance through Transfer Learning Techniques," Proceedings of the Third International Conference on Automation, Computing and Renewable Systems (ICACRS-2024) IEEE Xplore Part Number: CFP24CB5-ART; ISBN: 979-8-3315-3242-0, Pudukkottai, India, 2024, pp. 857-864, doi: 10.1109/ICACRS62842.2024.10841600.
3. Published a Journal “An Enhanced Deep Learning Methodology for Identifying Diseases Pertaining to Maize Crop using Improved Gaussian Particle Swarm Optimization” in Current Agricultural Research (UGC-Care.) ISSN: 2347-4688, Vol. 12, No.(2) 2024, pg. 726-738, July 2024, http://dx.doi.org/10.12944/CARJ.12.2.18.
4. Maize Leaf Disease Identification and Classification based on Multiscale Convolution Network, Bacterial Foraging Optimization and Particle Swarm Optimization, Journal of the Maharaja Sayajirao University of Baroda, ISSN :0025-0422 ,Volume:57,Issue : No.1(VII),pg:24-31,Oct 2023.
5. Determination and Segmentation of Maize Plant Disease using Improved Gaussian Particle Swarm Optimization on Convolution Neural Network, Journal of Data Acquisition and Processing,ISSN 1004-9037, Volume :38 Issue: 3, pg:308-321, May 2023(DOI: 10.5281/zenodo.7922885).
6. IOT based Garbage Monitoring System, Journal of The Maharaja Sayajirao University of Baroda,Vol no.57 Issue no :2, April 2023,ISSN:0025-042, pg:125-133.
7. Bacterial Foraging Optimization based Recurrent Neural Network Approach for Identification and Classification of Maize plant Diseases, IEEE Digital Explore Library, ISBN-978-1-6654-1006-9,Pg:35-46, Oct 2022, (DOI:10.1109/ICICICT54557.2022.9917607).
8. A study of Robotic Vacuum Cleaner Using Raspberry Pi, Journal of The Maharaja Sayajirao University of Baroda , ISSN :0025-0422 ,Volume-56, No.1(III) ,May 2022,pg 140-145.

9. A Deep Multi Scale Convolution Global Pooling Neural Network Model for Identification and Classification of maize Plant Diseases, High Technology Letters,ISSN: 1006-6748,Volume:28,Issue:2,Feb-2022,pg:328-342.

10. Morphological and Otsu's Segmentation,Classification and Disease Detection of Maize Plant Using Texture Feature Analysis, Design Engineering,ISSN: 0011-9342,Oct-2021,Issue: 8 ,Pg: 1356-1368.

11. Automatic Marker based Morphological Image Segmentation,Classification and disease detection using SVM classifier in diseased Tomato plants, Journal of the Maharaja Sayajirao University of Baroda, ISSN :0025-0422, Volume-55, No.1(X), Aug-2021,pg 82-88.

12. Image Processing Techniques In Agriculture For Plant Disease Detection And Weed Detection, International Journal of Creative Research Thoughts Volume 9, Issue 3 March 2021 | ISSN: 2320-2882,pg 4643-4650.

13. Detection of Maize Stem and Leaf Diseases using Edge Detection Method to Prevent the Crops from Diseases, Journal of Xi'an University of Architecture & Technology, Scopus, ISSN No : 1006-7930,Volume XII,Issue VII,July 2020, Pg: 1052- 1064.

14. Comparative Analysis of Image Segmentation Techniques and its Algorithm, International Journal of Scientific & Technology Research ,Volume 8, Issue 10, October 2019 ISSN 2277-8616,pg.2209-2212

15. An efficient Watershed Transformation Technique to Detect Cancer Cells in human organs ,International Journal of Advance and Innovative Research, Volume 6, Issue 1 (VII): January – March, 2019, ISSN 2394 – 7780 , pg:70 – 75.

16. A Study on Image Restoration and its Various Blind Image Deconvolution Algorithms, International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 2, Issue. 10, October 2013, ISSN 2320–088X ,pg.273 – 278