DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

CONFERENCE PUBLICATIONS BY FACULTY MEMBERS (2023-2024)

Name	Publication
Dr. D. Sudharson	• Sudharson, D., Srinithi, J., Akshara, S., Abhirami, K., Sriharshitha, P., & Priyanka, K. (2023). Proactive Headcount and Suspicious Activity Detection using YOLOv8. *Procedia Computer Science*, *230*, 61-69. • Saranya, K; Sudharson, D; Aathmika, M; Twitter Based Complaint Management System for Rail Transit 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)45444, 2023. • Saranya, K; Sudharson, D; Gokila, NM; Lakshmipriya, SR; Suriyavathi, KAK; Emotion Recognition using EEG Signal Classification of seed Dataset2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)454442023IEEE.
Dr. D. Sudharson **Mr. A. Bhuvaneshwaran**	• Sudharson D, Bhuvaneshwaran A, Kalaiarasan TR; kumar D, Satheesh; A Multimodal AI Framework for Hyper Automation in Industry 5.02023 International Conference on Innovative Data Communication Technologies and Application (ICIDCA)11282-2862023https://ieeexplore.ieee.org/document/10099581. • Sudharson D, Bhuvaneshwaran A, Kalaiarasan TR; kumar D, Satheesh; A Multimodal AI Framework for Hyper Automation in Industry 5.0, 2023 International Conference on Innovative Data Communication Technologies and Application (ICIDCA)11282-2862023https://ieeexplore.ieee.org/document/10099581.
Ms. R.M.Tharsanee	• V.Kate, R.Ushasree, **R.M.Tharsanee,** T.Kukreja, S.Saraf, B.Varadharajan, "GAN, CNN and ELM based Breast Cancer detection", 2023 2nd International Conference for Innovation in Technology (INOCON), Bangalore, India, 2023, pp. 1-6, doi: 10.1109/INOCON57975.2023.10101250.4.

	• Soundariya, R.S., Ashwathi, R., **Tharsanee, R.M.**, Nivaashini, M. (2024). Ensemble Learning in Concrete Engineering: Towards Reliable Strength Estimation for Concrete Quality Assurance, 2nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023). ICSSMT 2023. Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-031-50024-4_14.
Dr. P. Shenbagam	• Shenbagam, N.Sanjana, "Corn Leaf Disease Detection using Genetic Algorithm and Weighted Voting; A Survey", IEEE, 2023. • P.Shenbagam, E.Deepika, "Forest Fire Detection Based on Light-Weight Deep Neural Networks", IEEE, 2023. • P.Shenbagam, Asifa Y, Arunadevi A, Rajasimman K, "Apple Leaf Disease Prediction using Deep Learning Models", IEEE, 2023.
Mr. A. Bhuvaneshwaran	• Bhuvaneshwaran, A., K. Amitha, A. Bhavya, S. Kamali, R. Karishma, C. Deisy, and S. Sridevi. "Sentimental Analysis Using Deep Learning Models." In *2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE)*, pp. 1-6. IEEE, 2023. • Bhuvaneshwaran, A., C. Deisy and Sri Trishna J. "IoT Defect Prediction Using AI Framework: A Review." In 2023 Third International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS), pp. 376-383. IEEE, 2023..
Ms. P. Antony Seba	O. Mohan Krishnan, P. R. Kalyan, M. Ilamughi and **P. Antony Seba**, "Enhanced Shrimp Disease Classification through YOLO and Data Augmentation," *2024 5th International Conference on Innovative Trends in Information Technology (ICITIIT)*, IIITKottayam, India, 2024, pp. 1-6, doi: 10.1109/ICITIIT61487.2024.10580051