

List of Publications

Department of CSE-AI&ML/AI&DS

GMR Institute of Technology (Autonomous)

Affiliated to JNTU-GV, Vizianagaram

Rajam, Andhra Pradesh–532127, India

Details Academic year	National Conference	National Journal	International Conference	International Journal	Books/Book Chapter	Total Publications	Cumulative Publications
July 2023-February 2024	00	00	01	02	01	04	14
July 2022-June 2023	00	00	05	05	00	10	10

July 2023- February 2024

International Conferences:

1. Kandepu, Tharun Durga Chowdary, et al. "Enhanced Communication Through Isolated Sign Language." 2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS). IEEE, 2023.

International Journals:

1. Emil Selvan, G. S. R., et al. "Network intrusion detection and mitigation using hybrid optimization integrated deep Q network." Cybernetics and Systems 55.1 (2024): 107-123.
2. Anilkumar, B., Lakshmi Devi, N., Kotagiri, S., & Mary Sowjanya, A. (2024). Design an image-based sentiment analysis system using a deep convolutional neural network and hyperparameter optimization. Multimedia Tools and Applications, 1-20.

Book Chapter:

1. Daniya, T., et al. "Learning Approaches for Security and Privacy in Internet of Things." *Modern Approaches in IoT and Machine Learning for Cyber Security: Latest Trends in AI*. Cham: Springer International Publishing, 2023. 63-74.

July 2022- June 2023

International Conferences:

1. Dev, M.J.S., Ratna, T.V., Tharun, P.S., Harsha, M.S. and **Daniya, T.**, 2023, May. Plant Disease Detection and Crop Recommendation using Deep Learning. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 207-214). IEEE.
2. **P. Someswari**, R. Cristin and T. Daniya, "Traffic sign detection using Deep learning techniques," *2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)*, Bhilai, India, 2023, pp. 1-6, doi: 10.1109/ICAECT57570.2023.10118165.
3. Sudhir, B., Teja, D.C., Sai, K., Sridhar, P. and **Daniya, T.**, 2023, May. Plant Disease Severity Detection and Fertilizer Recommendation using Deep Learning Techniques. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 215-221). IEEE.
4. Ajay, G., Lokesh, A., Sravanasandhya, D., Kousalya, G., Teja, D.D. and **Daniya, T.**, 2023, May. A Web DApp for Efficient Organ Donation Management System: Leveraging Centralized Wallet Architecture as Backend. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 666-672). IEEE.
5. **1-Lakshmidevi**, N., Swain, S. K., & Vamsikrishna, M. (2023, September). A Hybrid Enhancing Aspect-Based Sentiment Analysis with BERT for Aspect Extraction and Diverse ML Classifiers. In *2023 International Conference on Network, Multimedia and Information Technology (NMITCON)* (pp. 01-08). IEEE.

International Journals:

1. Daniya, T., & Vigneshwari, S. (2023). Rider Water Wave-enabled deep learning for disease detection in rice plant. *Advances in Engineering Software*, 182, 103472.
2. **Someswari Perla**, Ranjeeta Bisoi, P.K. Dash, "A hybrid neural network and optimization algorithm for forecasting and trend detection of Forex market indices", *Decision Analytics Journal*, Volume 6, 2023, 100193, ISSN 2772-6622, ,[Indexed by SCOPUS, <https://www.sciencedirect.com/science/article/pii/S2772662223000334>]

3. Srividya, K., Anilkumar, B., & Sowjanya, A. M. (2023). Histo-Quartic Graph and Stack Entropy-Based Deep Neural Network Method for Brain and Tumor Segmentation. *Neural Processing Letters*, 1-23.
4. Maram, B., Daniya, T., & Gampala, V. (2022, June). Resource Allocation and Optimization Scheduling Scheme of Edge Resources in Fog Computing Access Network. In *International Conference on Advances in Data Science and Computing Technologies* (pp. 491-498). Singapore: Springer Nature Singapore.
5. Daniya, T., & Vigneshwari, S. (2023). Rice Plant Leaf Disease Detection and Classification Using Optimization Enabled Deep Learning. *Journal of Environmental Informatics*, 42(1).