



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

An AUTONOMOUS Institution

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Department of CSE (AI&ML, DS)

Academic Year 2024-25

Journal Publications

Journal Articles- SCI/SCIE/ESCI	: 3
Journal Articles- Scopus	: 7
Journal Articles- UGC Care List	: 0
Journal Articles- Peer Reviewed	: 0
Total	: 10

Journal Articles- SCI/SCIE/ESCI

1. Franciskus Antonius Alijoyo, Rahul Pradhan, N. Nalini, Shaik Shakeel Ahamad, Vuda Sreenivasa Rao, **Sanjiv Rao Godla**, "Predictive Maintenance Optimization in Zigbee-Enabled Smart Home Networks: A Machine Learning-Driven Approach Utilizing Fault Prediction Models". *Wireless Pers Commun* (2024). <https://doi.org/10.1007/s11277-024-11233-w>
2. J. Chandra Sekhar, Balajee J., **Sanjiv R. Godla**, Vuda Sreenivasa Rao, Yousef A. B. El-Ebiary, and Chamandeep Kaur, "Maximizing Learning Outcomes through Fuzzy Inference System and Graph Theory Based on Learning Analytics," *Journal of Advances in Information Technology*, Vol. 15, No. 6, pp. 784-797, 2024. <https://doi.org/10.12720/jait.15.6.784-797>
3. Vuda Sreenivasa Rao, R. Balakrishna, Yousef A. Baker El-Ebiary, Puneet Thapar, K. Aanandha Saravanan, and **Sanjiv Rao Godla**, "AI Driven Anomaly Detection in Network Traffic Using Hybrid CNN-GAN," *Journal of Advances in Information Technology*, Vol. 15, No. 7, pp. 886-895, 2024. <https://doi.org/10.12720/jait.15.7.886-895>

Journal Articles- Scopus

1. Murthy, S.V.N., **Bhargavi, K.N.**, Isaac, S. *et al.* "Automated Detection of Infection in Diabetic Foot Ulcer Using Pre-trained Fast Convolutional Neural Network with U++net." *SN COMPUT. SCI.* **5**, 705 (2024). <https://doi.org/10.1007/s42979-024-02981-4>
2. Sreedhara Ramesh Chandra, Aremam Ramyasri, Girish Kumar Kuppireddy, Anumula Sruthi, **Yerravarapu VV Durga Prasad**, Obulesu Varikunta, (2024), "IoT and Real-Time Data Analytics: Transforming Business Decision-Making Processes". *International Journal of Intelligent Systems and Applications in Engineering*, 12(22s), 107. <https://ijisae.org/index.php/IJISAE/article/view/6400>

3. V. Kalpana, M. Durairaj, S. Poonguzhali, Jacqueline Tham, **B. Srinivas**, Laxmi Biban & Padhyala Priyadarsan, “Biosensor in Climate Change and Water Rise Analysis Based on Diverse Biological Ecosystems Using Machine Learning Model.” *Remote Sensing in Earth Systems Sciences*, (2024). <https://doi.org/10.1007/s41976-024-00142-y>
4. WIDJAJA, G., NAGABHOOSHANAM, N., PRASAD, K. D. V., SHARI, F. H., VALAVAN, A. T., SRIDHAR, A. P., & **AMBIKA, K. S. B.** (2024). MACHINE LEARNING-DRIVEN MODEL FOR IDENTIFYING DEPRESSION VIA SOCIAL NETWORK INFORMATION. In *Journal of Environmental Protection and Ecology* (Vol. 25, Issue 5, pp. 1627–1637). <https://scibulcom.net/en/article/06EER86UphR8ttSUSTvW>
5. Jayalakshmi D, Hemavathi R, Murali L, Baskar Duraisamy, **Banda SNV Ramana Murthy** and Sunita, “A Novel DC-GCN with Attention Mechanism for Accurate Near-Duplicate Video Data Cleaning”, *Journal of Machine and Computing*, pp. 1001-1008, October 2024. <https://doi.org/10.53759/7669/jmc202404093>
6. Kayalvizhi K, Kanchana S, Silvia Priscila S, Padmavathy C, Banda SNV Ramana Murthy and Veeramani Thangavel, “Optimized CNN-BiLSTM with Attention: A High Performance Model for Predicting Heart Disease Using Cleveland and Framingham Datasets”, *Journal of Machine and Computing*, pp. 1195-1205, October 2024. <https://doi.org/10.53759/7669/jmc202404110>
7. Kamal Sharma, N. Nagabhooshanam, Shivakrishna Dasi, Guntaj J, **Bhattiprolu Srinivas**, Kamaljeet Kaur, A. Rajaram, “Design and implementation of closed-loop water reuse systems in urban and industrial settings for maximizing resource recovery and minimizing waste”, *Desalination and Water Treatment*, Volume 320, 2024,100850, <https://doi.org/10.1016/j.dwt.2024.100850>

Faculty in-charge

Head of the Department