



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Conference Publications: -2024-25

International Conferences (Scopus/WoS)	11
International Conferences	0
National Conferences	0
Total	11

International Conferences (Scopus/WoS)

1. Ganti Sreelakshmi, Arivarasan S, Somarouthu V G V A Prasad, Saikumari N, **Kala Vijaya Kumari**, A. Vidya, "Improving Brain Stroke Diagnosis with SHAP-Enhanced Predictive", *2024 International Conference on Data Science and Network Security (ICDSNS)*, Tiptur, India, 26-27 July 2024. ISBN: 979-8-3503-7312-7.
DOI: [10.1109/ICDSNS62112.2024.10691233](https://doi.org/10.1109/ICDSNS62112.2024.10691233)
2. Thakkalapally Preethi, **Choudalla Saila Ram**, Sudeepthi, K. Rajasri, Karrar Shareef Mohsen, Dudi Bhanu Prakash, Sai Kumar K, "The Future of Multimedia Micro Facial Recognition in Advance System," *Proceedings of Convergence in Technology*, June 2024, IEEE.
<https://ieeexplore.ieee.org/abstract/document/10543903>
3. **R. Anil Kumar**, R. Prakash Kumar, U. Sreenivasulu, Sarala Patchala, "Performance of MIMO-GFDM Scheme for Future Wireless Communications," *2024 International Conference on Knowledge Engineering and Communication Systems*, August 2024, IEEE.
<https://ieeexplore.ieee.org/document/10617288>

4. D. Vijendra Kumar, **Kammampati Venkata Ramana**, B. Tapasvi, K. Indira Priyadarsini, Eswara Prasad, Hima Kiran Killamsetti, "Real-Time Object Recognition with Voice Feedback for Visually Impaired Based on Raspberry Pi," 2024 2nd International Conference on Device Intelligence, Computing, and Communication Technologies (DICCT), June 2024, IEEE.
<https://doi.org/10.1109/DICCT61038.2024.10533162>
5. A. Sravanthi Peddinti, D. Manikanta Raju, **Kapula Kalyani**, Sanjeev Kumar, V. Preethi, "Multi-Modality Image Fusion Approach for Identifying Brain Tumors," 2024 International Conference on Computational Intelligence for Green and Sustainable Technologies (ICCIGST-2024), July 2024, IEEE.
6. **Y. D. Chandra Mouli**, Rayudu Anusha, Javvadi Parvathi Mangatayaru, Revu Charan Hasu, Yeduvaka Mythili, Y. Srinivas, "Bottom Bounce Analysis of Multipath Acoustic Propagation in Deep Water," [International Conference on Advanced Technologies in Electronics communication and signal processing (ICATECS-2024), 2024, IEEE.
7. Dr. Deepak Kholiya, Mummidi Rachel, Arivarasan S., R. Saranya, **K. Jayaram Kumar**, T. Aswini Devi, "A Novel Integrated System for Forest Fire Detection Using Multiple Adaptive Reduced KELM Models" , 2024, IEEE.
8. B. V. V. Satyanarayana, **S. Durga Prasad**, Thoram Saran Kumar, Inukonda Rama Satya Nageswara Rao, Harika Pangam, Anuragh Vijjapu, "Low Power Adder Circuit Design and Implementation Using Lector Technique," 2024, IEEE.
9. Dr. Jaibir Singh, Dr. Suman Rani, **Garaga Srilakshmi**, "Towards Explainable AI: Interpretable Models for Complex Decision-making," 2024 International Conference on Knowledge Engineering and Communication Systems, August 2024, IEEE.
<https://ieeexplore.ieee.org/document/10616500>
10. Mathur N. K., Kalaiarasi G., **Garaga Srilakshmi** , D. Suganthi, Nisarg Gandhewar, "Leveraging IoT & CNN-CBAM for Early Blight Detection and Optimal Fungicide Application in Potato and Tomato Crops," IEEE International Conference on Distributed Systems, Computer Networks, and Cybersecurity, 2024, IEEE.
11. **R. Anil Kumar**, Nagagopiraju Vullam, Sarala Patchala, R. Prakash Kumar, Pinjala N. Malleswari, "Implementation of AI-Powered Adaptive Communication for

Differently Abled People Using LSTM," The International Conference on Semiconductor Materials Packaging, AI & ML, Reconfigurable VLSI Architectures for IoT, Future Communication Technologies, 2024, IEEE.