

International Conference Publications

2024-2025

1. Siva kumar P, Naga Mallikharjunarao B, Kaliappan S, Marepalli Radha, Gnana Priya G, Ushasree L presented a paper titled "A ML Approach for Predicting The Winner of IPL-24 Using Novel-Hybrid Classifier" in the IEEE sponsored 9th International Conference for Convergence in Technology organized by Siddhant group of Institutions during 5th to 7th April 2024. DOI: <https://doi.org/10.1109/I2CT61223.2024.10544101>.
2. R.Ramalakshmi, J. Noorul Ameen, Gundala Srinivasa Rao, Rajiv Gandhi N, Saloni Bansal, Saloni Bansal, J.B. Sapaev,Zaid Alsalami, J.B. Sapaev published a paper titled "Utilizing flexible, robust optimization for the integration of renewable energy sources and electric cars in a large-scale Vehicle-to-Grid (V2G) network" in the proceedings of 2023 IEEE International Conference for Technological Engineering and its Applications in Sustainable Development (ICTEASD) on 10.07.2024. DOI: 10.1109/ICTEASD57136.2023.10584862.
3. G.Gnana Priya, T.Nagaraj, B.Roshan Ram presented a paper titled "IoT Based Contactless ATM using Computer Vision" at the Fourth International Conference on Pervasive Computing and Social Networking (ICPCSN 2024) organized by RP Sarathy Institute of Technology. DOI: <https://doi.org/10.1109/ICPCSN62568.2024.00101>.
4. G.Gnana Priya, M.Akila and G.Anusuya presented a paper titled , "Connected Parking Innovations: Enhancing Urban Mobility through IoT Integration" at the Fourth International Conference on Pervasive Computing and Social Networking (ICPCSN 2024) organized by RP Sarathy Institute of Technology. DOI: <https://doi.org/10.1109/ICPCSN62568.2024.00114>
5. Chandralekha R., Mrs. V. Srirenga Nachiya, Mr. G. Sivakumar, S. Harini Shriram, Pondurai M., and Monica S. has presented a paper titled "MIMO: OFDM System Performance Analysis With System Vue" at the 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE'24 IEEE Computer Society, Vizag Bay Section, Andhra Pradesh, on February 23–25, 2024, DOI 10.1109/SASI-ITE58663.2024.00079. (SCOPUS INDEXED)
6. G.Sivakumar, K. Amsaveni, Chandralekha R., V.SrirengaNachiyar, S.Vaitheki, and P. Marichamy Presented titled "Predictive Modeling for Network Anomaly Detection Using Machine Learning" at the 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024), which held on July 10–12, 2024, at Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India.
7. S. V, C. R, K. R. R, R. R. A, S. S and P. J, "A Car Parking Guidance System to Lessen the Traffic in the Parking Lot using Arduino," 2024 4th International Conference on Pervasive Computing and Social Networking (ICPCSN), Salem, India, 2024, pp. 758-761, doi: 10.1109/ICPCSN62568.2024.00127.
8. S.Jeeva, S.Anand "Microcalcification detection using isotropic and anisotropic transforms" 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024),Hindusthan college of Engineering and Technology, Coimbatore on 10.07.2024 DOI: 10.1109/ICSCSS60660.2024.10625549
9. P.Sivakumar,R.Rajalakshmi,N.Hemanth kumar,B.Prem Gupta,C.H.Nikilesh,J.Sai Padma Pavan,"presented ta paper titled"Robust serial driver verification through UVM frame work" at the21st Control Instrumentation Systems Conference(CISCON-2024,organized

- by MIT-Manipal Institute of tEchnology,MAHE,Manipal) in association with IEEE Bangalore section. DOI: 10.1109/CISCON62171.2024.10696231.
10. Krishna Kumari L;R. Rajalakshmi;K. Ramalakshmi;A. Lakshmi;G. Subhashini;G. Theivanathan,"Enhancing Pneumonia Detection Through Convolutional Neural Networks and Data Augmentation In Chest X-Ray Imaging",International Conference on Advanced Computing and Communication Systems,Oct 2024,IEEE Madras Section.DOI: 10.1109/ICACCS60874.2024.10717046.
 11. L. Krishna Kumari;V. Anusuya;K. Ramalakshmi;R Rajalakshmi;G. Theivanathan;A. Lakshmi,"Edge Enhanced Densely Connected Convolutional Network for Liver Tumor Segmentation",International Conference on Advanced Computing and Communication Systems,Oct 2024,IEEE Madras Section. DOI: 10.1109/ICACCS60874.2024.10717318
 12. G.Subhashini, P.G.S.Velmurugan, K Kirubahini, S J Thiruvengadam "Enhancing IoT Connectivity with Spatial Modulation in mm-wave Multihop Cooperative Relaying System" at the 15th International IEEE Conference on Computing Communication and Networking Technologies (ICCCNT 2024) , Which held on June 24-28, at IIT-Mandi, in association with IEEE Electronics Packaging Society, Tamilnadu, India . <https://doi.org/10.1109/ICCCNT61001.2024.10724492>.
 13. R.Ramlakshmi, B.Akshiya Rajasri, B.R.Gunaksha published a paper titled "Fingerprint and Face Detection with Self Banking Biometric and GSM Technology" in 1st IEEE Conference on Advanced Computing & Emerging Technologies (ACET-2024), organized by Department of CSE, Ajay Kumar Garg Engineering College Ghaziabad U.P, India. DOI: 10.1109/ACET61898.2024.10730646.
 14. D. Devarajan; R. Rajalakshmi; P. Sivakumar; S. Senthilkumar; M. Malathi; L. Ramachandran, “ Design and Implementation of Frame Work for Building Extraction using Fast Accurate Bilateral Filter, Fast Corner Method and Improved Gaussian Blur” at the 2nd IEEE International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS),2024 Which held on 23-25 October 2024, at M. P. Nachimuthu M. Jaganathan Engineering College Chennimalai, Erode, Tamilnadu, India,Published in IEEE Xplore on 28 November 2024. DOI: 10.1109/ICSSAS64001.2024.10760395.
 15. R. Rajalakshmi; P. Sivakumar; G. Subhashini; L. Krishna Kumari, “Exploring Performance Characteristics of Static and Dynamic CMOS Designs Using Cadence Tools”, 2024 4th International Conference on Sustainable Expert Systems (ICSES),at Pokhara University 15-17 October 2024, DOI: 10.1109/ICSES63445.2024.10763242, Published in IEEE Xplore,03.12.24 (Scopus Indexed)
 16. R. Rajalakshmi; P. Sivakumar; Ms. Krishnakumari; G. Subhashini, “Harnessing Image Analysis for Early Leukemia Detection in Bone Marrow Samples”, 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), 20-22 September 2024, DOI: 10.1109/ SPICES62143.2024.10779690, Published in IEEE Xplore: 13 December 2024(Scopux Indexed)
 17. G.Subhashini,R.Rajalakshmi, L.Krishna kumari, P.Sivakumar, I.Aswathi presented a paper titled Exploring the Performance of NOMA Systems with Intelligent Surface Assistance"" at the the 2024 5th International Conference on Communication, Computing & Industry 6.0 (C2I6) , Which held on Dec 6-7,2024, organized by CMR Institute of Technology, Bengaluru." DOI: 10.1109/C2I663243.2024.10895562 Published in IEEE Xplore,25.02.25 (Scopus Indexed)

18. V.SrirengaNachiyar, R.Chandralekha, R.Kasi Raman, V.Krishna Meera, A.Guna, S.Harini Shriram, Presented a paper titled " Smart Bin System Based on IoT for Effective Food Waste Management", in 4th International Conference on Sentiment Analysis and Deep Learning ICSADL 2025 on 18.02.2025 to 20.02.2025, Hosted by Far Western University, Bhimdatta, Nepal. DOI: 10.1109/ICSADL65848.2025.10933108 Published in IEEE Xplore 28.03.2025 (Scopus Indexed)
19. L Krishna Kumari;R Prem Ananth;K Ramalakshmi;B Mohan;S P Santhoshkumar;S Mahalakshmi"Advanced Epileptic seizure recognition with a hybrid CNN-BiLSTM Model on EEG Signals" IEEE 1st International Conference on Smart and Sustainable Developments in Electrical Engineering (SSDEE)Indian Institute of Technology (Indian School of Mines), Dhanbad,25 April 2025. DOI: 10.1109/SSDEE64538.2025.10968390.