

Publications

Author(s)	Publication Title	Publication Details	Year
Dr. S. Vijaya	Prediction of Cardiovascular Diseases Using Calibrated Machine Learning Model	Communications in Computer and Information Science (CCIS), Vol. 2121, pp. 258–270, DOI: 10.1007/978-3-031-61287-9_20 (Conference Paper)	2024
Dr. S. Vijaya (Co-researcher)	Development of an AI-based Threat Matrix for Intelligent Mobile Technology Education	International Conference on Computational Intelligence and Interventions in Multidisciplinary Research (Conference Paper)	2024
P. Lavanya, Dr. S. Vijaya, S. Elakkiya	A Comprehensive Machine Learning Framework for Early Detection of Lung Cancer	Proceedings of 4th International Conference on Advancements in Smart Computing and Information Security (ASCIS-2025)	2025
Dr. S. Vijaya (Co-researcher)	Assisting Wearable Device for Duchenne Muscular Dystrophy Children	Medical and Health Sciences (Design Patent), Filed: 13-01-2025, Published	2025
L. Padmavathy (Co-researcher)	Matrix-Tensor Factorization (CMTF) and Reinforcement Deep Belief Network (RDBN) for Fake News Detection in Social Media	Journal of Neonatal Surgery, 14(32S), pp. 6456–6467	-
R. Maneendhar (Co-researcher)	Study on ML and DL Techniques using IoHT Data for Disability Detection	Indian Journal of Natural Sciences (IJONS), Vol. 15, Issue 88, pp. 88745–88750	Feb 2025
G. Gokilavani	Comparative Analysis of Hybrid Deep Learning Approaches for EEG-based Dyslexia Detection	9th International Conference on Electronics, Communication and Aerospace Technology (ICECA-2025), IEEE, ISBN: 979-8-3315-9928-7	2025
S. Keerthika	Convolutional Neural Network (CNN) for Character Recognition in Images	4th International Conference on Enhanced Techniques in Real-time Applications (ICETRA'25), ISBN: 978-93-6126-295-1	2025
Mahalakshmi K	Securing the Supply Chain: Strategies for Mitigating Cyber Risks and Ensuring Business Continuity	Cybersecurity in Education: Safeguarding Students and Stakeholders in the Digital Age, Vol. 1, p. 8, ISBN: 978-93-342-3342-1	2025
B. Prabadevi	Prognosis Prediction in Non-Small Cell Lung Cancer using Radiomic Features and Transfer Learning	IEEE International Conference Paper, Paper ID: 1170, ISBN: 979-8-3315-8155-8	2025

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Inventor(s)	Title	Status	Year
Dr. S. Vijaya, Dr. M. Usha	Assisting Wearable Device for Duchenne Muscular Dystrophy Children	Patent Granted	2025