



Centre for Research & Development

Research Supervisor (Guide) Profiles

Discipline of Supervision: **Computer Science/ Data Science**



Dr. Malathi V

Assistant Professor
Department of Computational Studies
School of Computational and Physical Sciences

Areas of Specialisation:

Cloud Computing, Cyber Security, Computer Networks, AI and Machine Learning

Dr. V. Malathi is an accomplished academic and research professional with over 11 years of experience in higher education. She currently serves as an Assistant Professor at Kristu Jayanti (Deemed to be University), Bengaluru. Her areas of specialization include Cloud Computing, Cyber Security, Computer Networks, Artificial Intelligence, and Machine Learning. Along with her strong teaching experience, Dr. Malathi holds various NPTEL certificates and is a lifetime member of the Internet Society, reflecting her continued engagement with professional and research-oriented communities. She has published more than 40 research papers in reputed national and international journals and conferences indexed in Scopus, IEEE Xplore, and UGC CARE, in addition to contributing book chapters to scholarly works. Dr. V. Malathi has also made innovative contributions to the field through four patents, demonstrating her commitment to applied research and intellectual property development. She is the author of three books, further contributing to knowledge dissemination and academic literature. In addition to her research and publications, Dr. V. Malathi has actively organized and participated in various FDPs, conferences, seminars, and academic events, consistently supporting academic excellence and capacity building in higher education.

Selected Publications:

1. Shobana, V., Maheshwari, S., Maheswari, C., **Malathi, V.**, & Sivaranjani, B. (2026). Ensemble-Based Neural Networks for Image Classification and Pattern Recognition. IEEE. <https://doi.org/10.1109/tqcebt67648.2026.11681586>
2. Bhatt, P. N., **Malathi, V.**, K, H. S., Nithiyanantham, P., Divya, K. L., & Sathish, K. (2026). Hybrid Genetic Algorithm–SVM Model for Energy-Efficient Intrusion Detection in Cloud-Integrated WSNs. IEEE. <https://doi.org/10.1109/epdmc67535.2026.11496450>
3. Venkatesh, S., Bhargav, J., Manjunath, L., **Malathi, V.**, Ingle, A., Aparna, H. D., ... Jaganpradeep, J. (2025). Multi-Annotator Consensus Network with Adaptive Preprocessing for Lung Nodule Segmentation: A Deep Learning Framework for Clinical Decision Support. Engineering, Technology & Applied Science Research, 15(6), 29566–29573. <https://doi.org/10.48084/etasr.12408>