



Centre for Research & Development

Research Supervisor (Guide) Profiles

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



Dr. Muruganantham A

Professor
Department of Computer Science (PG)
School of Computational & Physical Sciences

Areas of Specialisation:

Semantic Web and Knowledge Mining, Blockchain-Enabled Data Systems, Advanced Data Analytics and Predictive Modeling, Web Intelligence.

Dr. Muruganantham A is a Professor and Head of the Department at Kristu Jayanti Institute of Technology, Kristu Jayanti (Deemed to be University), Bengaluru, with nearly three decades of experience in teaching, research, and academic leadership. He holds a Ph.D. in Computer Science and a PG Diploma in Yoga. His major research interests include Web Mining, Data Mining, Big Data Analytics, Middleware Technologies, Java Programming, Semantic Web Mining, Intelligent Information Retrieval, and large-scale data analytics. He has published several research papers in reputed IEEE Xplore and Scopus-indexed journals and conferences, with contributions spanning semantic web frameworks, blockchain applications, and deep learning-based models. He has authored book chapters with IGI Global on deepfake detection and edge computing for healthcare. He is also the holder of an Indian patent titled "Projector Integrated Camcorder". Dr. Muruganantham has successfully completed funded projects in blockchain-based smart systems and e-waste management and serves as a reviewer for reputed journals. He has organized and chaired national and international conferences and guided postgraduate and M.Phil. scholars. His recognitions include Innovation Ambassador (MoE, Government of India), Outstanding Mentor Award, and Excellence Educator Award.

Selected Publications:

1. **A, M., R, V., R, K., Rajan, M. S., and Sivaraj, V.** (2025). Ontology-Driven Semantic Web Framework with Sentiment Analysis for Risk Assessment and Diagnosis of Diabetes Mellitus. IEEE. <https://doi.org/10.1109/icsadl65848.2025.10933261>
2. **D, R., S, R., A, M., Deepak, S., Shanthi, K., and Sivaraj, V.** (2025). Cloud-Based Wireless Network Management System Using COPRAS Method. IEEE. <https://doi.org/10.1109/icmsci62561.2025.10894122>
3. **A, M., Malarvizhi, C., S, D. Vahini., Saranya, D., and Uthiramoorthy, A.** (2025). A Music Recommender System to Identify the Emotional State of a Person Using Machine Learning Algorithms. IEEE. <https://doi.org/10.1109/icsadl65848.2025.10933118>