



Centre for Research & Development

Research Supervisor (Guide) Profiles

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



Dr. Muruganantham A

Associate 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 the Head of the Department of Computer Science (PG) at Kristu Jayanti (Deemed to be University), Bengaluru, with nearly three decades of academic and research experience. He holds a Ph.D. in Computer Science and a PG Diploma in Yoga, with core research interests in Web Mining, Data Mining, Big Data Analytics, Middleware Technologies, and Java Programming. His research focuses on semantic web mining, intelligent information retrieval, and large-scale data analytics. He has authored multiple IEEE Xplore and Scopus-indexed papers, including cutting-edge works on semantic web frameworks, blockchain applications, and deep learning-based models. He has contributed book chapters with IGI Global on deepfake detection and edge computing for healthcare, and holds an Indian patent titled Projector Integrated Camcorder. He has successfully completed funded projects on blockchain-based smart systems and e-waste management, and serves as a reviewer for reputed journals such as IEEE Xplore and IJCA. He has organized and chaired several national and international conferences, guided M.Phil. and postgraduate scholars, and received recognitions including Innovation Ambassador (MoE, Govt. of India), Outstanding Mentor Award, and Excellence Educator Award, reflecting his commitment to research excellence, innovation, and academic leadership.

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>