KRISTU JAYANTI
(DEEMED TO BE UNIVERSITY)
Under Section 3 of UGC Act 1956
A CMI INSTITUTION | BENGALURU | INDIA

Centre for Research & Development

Research Supervisor (Guide) Profiles

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

Dr. Margaret Mary T
Associate Professor
Department of Computer Science
School of Computational & Physical Sciences

Areas of Specialisation:
Data mining, Big Data, Artificial intelligent,
Genetic algorithm, Fuzzy logic and IOT

Dr. Margaret Mary T is an Associate Professor in the department of Computer Science at Kristu Jayanti (Deemed to be) University, Bangalore, India. She earned her Ph.D. in Computer Science from Bharathiar University Coimbatore, in 2018. With a strong research background, she has published over 20 articles in reputed International and National journals, along with several book chapters indexed in Scopus and Web of Science. Dr. Margaret Mary T has successfully published eight patents in India and Australia, with one patent granted. She has also conducted multiple Faculty Development Programs (FDPs) and served as a resource person at various academic forums. During the academic year 2018-2019, she served as the Deputy Custodian for the MCA and MSc programs at Bangalore University (BU). In 2019-2020, she contributed as a member of the Board of Examiners (BOE) for both Bangalore University and North Bangalore University for the MCA and MSc programs. She is currently a BOE member for several reputed autonomous colleges. She is a lifetime member of the Indian Science Congress and serves as a peer reviewer for IGI Global Book Chapters indexed in Scopus.

Selected Publications:

1. **Thomas, M. M.**, Subramaniam, P. V., Nagarajan, K., and Syamala, D. K. N. (2025). Breast cancer analysis in R toprognosis and prediction cancer diagnosis based on cell features. AIP Publishing. https://doi.org/10.1063/5.0260540
2. K.S, D., **T, M. M.**, Chakrabarti, S., V.S, P., and Chitra, K. (2024). Optimizing Lightweight Cryptographic Protocols for Secure Communication in Internet of Things (IoT) Devices. IEEE. https://doi.org/10.1109/c2i663243.2024.10894917
3. Prakash, V. S., **Mary T, M.**, Shivakumar, B. N., Gnanadurai, J., Divya, K. S., and J, V. (2024). Random Selection for Cloud-Based Load-Distributing in Varied P2P Networks using Enhanced Throttled Algorithm. IEEE. https://doi.org/10.1109/c2i663243.2024.10895609