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. Thomas Robinson L
Associate Professor
Department of Computer Science (PG)
School of Computational & Physical Sciences

Areas of Specialisation:
IoT-Based Sensor Networks, Cloud Security and Privacy,
Data Mining and Knowledge Discovery

Dr. Thomas Robinson L is an accomplished academician with over 18 years of experience in computer science education, research, and academic leadership. He holds a Ph.D. in Computer Science from Bharathiar University, Coimbatore (2020), where he developed an innovative "Smart Road Safety System Using Data Mining and Sensor Technology," addressing real-world challenges through technology. Throughout his career, He has held progressive academic positions, including Lecturer, Assistant Professor, Head of Department, and currently serves as Associate Professor in the Department of Computer Science (PG) at Kristu Jayanti (Deemed to be) University, Bengaluru. His leadership roles demonstrate expertise in academic administration, curriculum design, and quality enhancement in higher education. His research contributions span machine learning, IoT-based intrusion detection, data mining, sensor networks, and cloud security. He has published extensively in reputed international journals and presented papers at national and international conferences. In addition, he has authored several academic books on Programming in C, Python, Big Data, and Machine Learning, which are widely used by students and educators. He actively mentors students, guiding over 100 research and academic projects, and organizes conferences and workshops to promote a research culture, inspiring future generations of computer science professionals.

Selected Publications:

1. Reddy, N. M., Ramesh, G., Kasturi, S. B., Sharmila, D., Gopichand, G., and **Robinson, L. T**. (2022). Secure data storage and retrieval system using hybridization of orthogonal knowledge swarm optimization and oblique cryptography algorithm in cloud. Applied Nanoscience. https://doi.org/10.1007/s13204-021-02174-y

2. Krishna AzithTejaGanti, V., Senthilkumar, K. P., **Robinson L, T**., Karunakaran, S., Pandugula, C., and Khatana, K. (2025). Energy-Efficient Real-Time Hybrid Deep Learning Framework for Adaptive Iot Intrusion Detection with Scalable and Dynamic Threat Mitigation. SSRN Electronic Journal. https://doi.org/10.2139/ssrn.5077540

3. G. B. Hima Bindu, **Robinson L, T**…, P. Neelima. (2024). Diabetes Care: A Machine Learning Based Review Under Supervision and without Supervision. (2024). International Journal of Intelligent Systems and Applications in Engineering. https://doi.org/10.17762/ijisae.v12i21s.5598