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: Biotechnology

Dr. Sriram T

Associate Professor
Department of Life Sciences
School of Biological and Forensic Sciences

Areas of Specialisation:

Environmental Biotechnology and Nanobiotechnology

Dr. Sriram T is an Associate Professor in the Department of Life Sciences at Kristu Jayanti (Deemed-to-be) University, Bengaluru. He completed his B.Sc. in Microbiology at Madurai Kamaraj University and his M.Sc. in Biotechnology at Alagappa University. He received his Ph.D. from the Department of Biotechnology, Bharathiar University, for his thesis titled "Synthesis of Nanoparticles and Their Influence on Plant Growth, Bio-Absorption Potential, and Myotoxicity in Zea mays L." His research interests focus on developing sustainable agriculture through nanoparticle-based applications. With 17.5 years of teaching experience, he has served as the Principal Investigator for a UGC-funded Minor Research Project and coordinated a TNSCST-funded project titled "Creation of a Scientific Awareness Programme among Students, Rural Farmers, and Self-Help Groups of Virudhunagar District." He has published articles in peer-reviewed and Scopus-indexed journals, edited conference proceedings, and also holds a patent titled "SMART PILL DISPENSER DEVICE FOR PATIENT MEDICATION ADHERENCE MANAGEMENT."

Selected Publications:

1. **Sriram T**, Chakraborty, T., and Prasanna, P. M. (2024). Artificial Intelligence Powered Insights into Nanotoxicology. International Journal of Advancement in Life Sciences Research, 07(02), 68–80. https://doi.org/10.31632/ijalsr.2024.v07i02.005

2. Singh, D. N., Natto, H. A., Mahmood, A. A. R., Thiruvengadam, S., **Sriram T** and Vasanthi, R. K. (2024). Artificial intelligence in combating antimicrobial resistance. IP International Journal of Medical Microbiology and Tropical Diseases, 10(3), 189–195. https://doi.org/10.18231/j.ijmmtd.2024.034

3. Thiruvengadam, S., Ganesan, M., **Sriram T** and Vanniappan, P. (2021). Green Synthesis of Silver nanoparticles and its effect on the growth of Zea mays L. Current Trends in Biotechnology and Pharmacy, 15(5), 480–488. https://doi.org/10.5530/ctbp.2021.3s.43