



With a robust academic and research foundation in Plant Sciences, particularly Mycology, he has garnered over two decades of expertise in microbial biotechnology and molecular microbiology. He joined the University of Kerala in 2020 as a Professor in the Department of Botany. Currently, he serves as the Professor and Head (i/c) of the Department of Computational Biology and Bioinformatics at the University of Kerala. His leadership in various scientific and entrepreneurial initiatives underscores his significant contributions to the field.

Previously, he served as the Principal Scientist and Head of the Division of Microbiology at KSCSTE-JNTBGRI. He earned his doctoral degree from the University of Kerala in 2004 and pursued postdoctoral research with Prof. K. Dharmalingam, a prominent figure in molecular biology, at the Genetic Engineering Research Unit, School of Biotechnology, Madurai Kamaraj University. With vast experience in the field, he has published around 100 articles and 4 books. He has completed several national and international level projects funded by state agencies such as KSBB, KBC, and KSCSTE, national agencies like DBT and DST, and international agencies, including CONACYT-Mexico.

He further advanced his research at Dalhousie University, Halifax, Nova Scotia, Canada, under the mentorship of Prof. Tom MacRae, as a BOYSCAST fellow (2011-12), a prestigious fellowship awarded by the Department of Science and Technology (DST), Government of India. Additionally, he served as a visiting professor at the University of Coahuila, Saltillo, Mexico (2027-18), collaborating with the Bioprocesses and Bioproducts Research Group, led by Prof. Cristóbal Noe Aguilar Gonzalez.

He offers courses in Molecular Biology, Microbial Technology, Basic Bioinformatics, and Genetic Engineering. To date, 12 PhD research works have been completed under his guidance, and currently, 10 students, including two foreign students, are pursuing their PhDs under his supervision.

In addition to leading the Department of Computational Biology and Bioinformatics, he serves as the Director of the Kerala University Business Innovation and Incubation Centre (KUBIIC), which supports over 100 start-ups.