

Dr. KONALA GEETHA

Designation: Associate Professor, Head of the Department

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Dr. Konala Geetha is an experienced academic and researcher in the field of Biochemistry, currently serving at Dr. Lankapalli Bullayya College, Visakhapatnam. She holds a Ph.D. in Protein Chemistry and Enzymology from Andhra University, awarded in 2011, with her research focusing on the isolation and purification of Trypsin inhibitors from *Achyranthes aspera* seeds. She also holds an M.Sc. in Biochemistry from Andhra University. Additionally, she has completed a certificate course in Yoga and Meditation in 2000 from Andhra University.

With over 7 years of research experience, Dr. Geetha has contributed significantly to her field through publications in respected journals. Her research explores the antimicrobial and insecticidal properties of plant-based Trypsin inhibitors. Some of her notable publications include studies on the antimicrobial activity of *Achyranthes aspera* seed Trypsin inhibitors and the purification and characterization of these inhibitors.

Dr. Geetha has actively participated in several national seminars, conferences, and workshops, including presentations on her research in molecular biology and protease inhibitors. She also lends her expertise to the departments of Microbiology and Biotechnology by teaching and conducting laboratory sessions for M.Sc. students and has been appointed as an internal examiner for M.Sc. Biochemistry practical exams by Andhra University.