



Dr. K. S. Ramya, M.Sc., M.Phil., Ph.D.

Assistant Professor

HOD

Dr. K. S. Ramya is the Head of the Department of Biotechnology at Shri Gnanambica Degree College (Autonomous), Madanapalle, and has been serving the institution since 2014. An accomplished academician, researcher, and academic administrator, she has made significant contributions to biotechnology education, research, innovation, and institutional development.

She earned her Ph.D. in Biotechnology and Botany (Interdisciplinary) from the University of Madras and has established herself as a recognized researcher in phytochemistry, medicinal plants, molecular biology, biotechnology, and natural product research. Her research publications have received notable academic recognition, with over **85 citations**, an **h-index of 6**, and international collaborations with researchers from India, Turkey, and the United States.

Dr. Ramya has published more than **15 research articles** in reputed national and international journals, covering diverse areas such as phytochemical profiling, antimicrobial studies, antioxidant activity, molecular docking, enzyme inhibition, medicinal plant research, and pharmaceutical biotechnology. Several of her publications have appeared in high-impact international journals and have contributed valuable insights to the scientific community.

In recognition of her research excellence, she received the **Women Researcher Award – 2023** at the INSO Conference. She has also filed a **patent**, reflecting her commitment to innovation and translational research. Her recent work on bioactive phytochemicals and medicinal plant-based therapeutics continues to expand the frontiers of biotechnology research.

Beyond research, Dr. Ramya actively contributes to academic publishing as a **Reviewer** for the *International Journal of Research and Analytical Reviews* and the *International Journal of Food Science and Biotechnology*. She also serves as an **Editorial Board Member of the EDWIN Group of Journals*, supporting quality scholarly publication and peer-review processes.

Within the institution, she has successfully held several key leadership positions, including **NEP Coordinator, Institution's Innovation Council (IIC) Coordinator, IQAC Coordinator, and Indian Knowledge Systems (IKS) Coordinator**, contributing substantially to academic quality enhancement, innovation culture, curriculum transformation, and institutional excellence.

A passionate educator and mentor, Dr. Ramya is known for fostering research aptitude, scientific curiosity, and innovation among students. Her leadership, scholarly achievements, and commitment to excellence continue to strengthen the academic and research ecosystem of the institution, inspiring the next generation of biotechnology professionals and researchers.