Programme Specific Outcome (PSO)

PSO of M.Sc. in PMBB

The M.Sc. course in PMBB is designed to expose students to the latest developments in the exciting areas of modern plant sciences. This course prepares students to take up research in Plant Molecular Biology and allied areas as a possible career option as well as unable generation of manpower for the emerging plant biotechnology industry.

PSO of Ph.D. in PMB

The Ph.D. course of the Department of Plant Molecular Biology is aimed at introducing students to advances in the field of plant molecular biology and plant biotechnology. The students also learn to undertake literature survey develop expertise in areas of molecular biology, computer application, data search and presentation and writing skill.

Course Outcomes (CO)

CO in M.Sc. in PMBB

CO1- Understand the basics of protein structure, folding and engineering
CO2 – Understand the nature and basic concepts of cell biology
CO3- Understand the basic concepts and principles behind the various techniques in molecular biology
CO4 – Learn the basic concepts of immunology and its role in life forms.
CO5 – Understands the basic mechanisms of gene expression in prokaryotes
CO6- Learn the molecular basis of plant growth and development control by hormones and the signaling components
CO7-Learn the basics of bioinformatics and analyses the databases
CO8 – Learn the basic structure and function of eukaryotic genomes
CO9- Understand the basic principles of pattern formation and development in plants and other model organisms
CO10 – learn the basic principle and techniques of engineering plants
CO11- Dissertation work involved detailed studies pertaining to a specific research problem and provides hand on experience to students for conducting research in modern laboratory environment