

The MSc programs in the School of Biosciences are designed to achieve the program outcome of developing competent personnel in applied branches of life sciences with good academic standards, skill, technical knowhow, research aptitude, scientific ethics and societal consciousness.

On completion of the MSc Biophysics program, the student will achieve the following Program Specific Outcomes

PSO1: Establish high academic standards by theoretical understanding and practical proficiency in the molecular and functional aspects, as well as the physiological, cellular, and biochemical functions and organization of biological systems.

PSO2: Develop proficiency in utilizing instrumentation, biophysical techniques, and analyzing biomolecules to enhance comprehension of dynamics within biological systems and processes.

PSO3: Recognize the importance of various biological databases, algorithms and molecular docking software used in *Insilco* drug discovery.

PSO4: Foster a high-level research aptitude that allows us to skillfully design, execute, and analyze research problems using statistical tools. Ensure the derivation of meaningful scientific conclusions while upholding the principles of scientific ethics.

PSO5: Acquire the capacity to effectively communicate and present a chosen subject or research problem, both in written form and verbally, while maintaining awareness of societal implications.