

6. PROGRAMME LEARNING OUTCOMES

PLO-1	Use of Technology, Problem Analysis and Solutions	Apply appropriate IT tools efficiently in their daily life- professional and personal. Think critically, identify, analyze problems/ situations and further attempt to design/ develop solutions that meet the specified goals
PLO-2	Environment and Sustainability, Ethics and Social Responsibility	Be aware of environmental issues and commit towards sustainable development at local/ national and global context. Recognize and understand professional ethics /human values and be responsible. Function effectively at various levels, capacities and situations. Communicate proficiently (oral and written) as a responsible member of society.
PLO-3	Individual & Team work, Communications & Life Skills	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of domain specific change
PLO-4	Research Aptitude and Social Responsibility	Understand general research methods and be able to analyse, interpret and derive rational conclusions
PLO-5	Fundamental knowledge of Biochemistry	Possess a fundamental knowledge of the different aspects of Biochemistry, with means and ability to specialize in a specific field
PLO-6	Development of practical skills, critical thinking and analytical skills	Be equipped with practical skills and the ability to apply their theoretical concepts to design, perform experiments, analyze the data and thus develop proficiency in laboratory management, along with the demonstration of quantitative reasoning and analytical skills.
PLO-7	Analysis and Problem Solving	Be able to use these skills to analyze and solve industry related problems, thus preparing them for a successful career in industries and research institutes.
PLO-8	Developing an inclination towards research and sustainable solutions	Develop an inclination towards research and the ability to understand the impact of Biochemistry towards the development of sustainable solutions for the environment and society, through the compulsory internship in industry/research/academic institutes which promote and inculcate professional ethics and code of practice among students, enabling them to work in a team with a multidisciplinary approach.