

## PROGRAMME LEARNING OUTCOME (PLOS)

After successful completion of a <b>Bachelor's degree in Biotechnology</b> , the students will be able to;		
<b>PLO 1</b>	Use of Technology and Problem Analysis and Solutions	Apply appropriate IT tools efficiently in their daily life professional and personal. Think critically, identify, analyse problems/ situations and further attempt to design/ develop solutions that meet the specified goals
<b>PLO 2</b>	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.
<b>PLO 3</b>	Individual and Team work, Communication skills and Life Skills.	Function effectively at various levels, capacities and situations. Communicate proficiently (oral and written) as a responsible member of society. 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
<b>PLO 4</b>	Research Aptitude	Understand general research methods and be able to analyse, interpret and derive rational conclusions
<b>PLO 5</b>	Fundamental Knowledge of Biotechnology	Possess a fundamental knowledge of the different aspects of Biotechnology, with the means and ability to specialize in a particular field.
<b>PLO 6</b>	Critical thinking & analytical skills	Be able to demonstrate proficiency in quantitative reasoning (critical thinking) and analytical skills.
<b>PLO 7</b>	Understanding the need for justifiable solutions	Be able to understand the need and impact of biotechnological solutions on environment and societal context, keeping in view the need for justifiable solutions.
<b>PLO 8</b>	Development of practical skills	Equipped with practical skills and the ability to apply their theoretical concepts to design, perform experiments, analyze and interpret data and thus develop proficiency in laboratory management.