

## PROGRAMME SPECIFIC OUTCOMES (PSOs)

The Undergraduate ( UG ) curriculum caters an all-round development of the student, rolling out globally ready individuals in to fast pacing world . The programme specific outcome includes :

**After successful completion of 3-Year: 6-Semester Honours Programme in Botany a student should be able to achieve the following:**

<b>PSO1</b>	<b>Knowledge of Biological System:</b> Understanding the nature and basic concepts of all the plant groups, their metabolism, components at the molecular level, biochemistry, taxonomy and ecology.
<b>PSO2</b>	<b>Development Perspectives with emphasis on scope and importance of Botany:</b> Understand scope and importance of Botany in every field especially in dealing with societal and environmental issues, agriculture, ethics and healthcare.
<b>PSO3</b>	<b>Mathematical and Statistical tools and Biological Application:</b> Familiarize with the use of bioinformatics tools and databases and in the application of statistics to biological data.
<b>PSO4</b>	<b>Research Aptitude:</b> Capable to perform short research projects using various tools and techniques in plant sciences and develop scientific temperament and research attitude.
<b>PSO5</b>	<b>Awareness on life processes :</b> Understand plant life processes, biomolecules, basic hereditary and evolutionary principles.
<b>PSO6</b>	<b>Higher Education &amp; Employability:</b> Take part in the higher education and involve in teaching profession or undertake scientific research jobs.