

**F.Y.Bsc Physics**  
**Semester-I**  
**Course Outcomes**

<b>Course Outcome</b>	<b>Classical Physics</b>
<b>CO 1</b>	✚ Understand Newton's laws and apply them in calculations of the motion of simple systems
<b>CO 2</b>	✚ Use the free body diagrams to analyze the forces on the object.
<b>CO 3</b>	✚ Understand the concepts of friction and the concepts of elasticity, fluid mechanics and be able to perform calculations using them
<b>CO 4</b>	✚ Understand the concepts of lens system and interference
<b>CO 5</b>	✚ Apply the laws of thermodynamics to formulate the relations necessary to analyze a thermodynamic process
<b>CO 6</b>	✚ Demonstrate quantitative problem solving skills in all the topics covered

<b>Course Outcome</b>	<b>Modern Physics</b>
<b>CO 1</b>	✚ Understand nuclear properties and nuclear behavior
<b>CO 2</b>	✚ Understand the type isotopes and their applications
<b>CO 3</b>	✚ Demonstrate and understand the quantum mechanical concepts
<b>CO 4</b>	✚ Demonstrate quantitative problem solving skills in all the topics covered