

Complementary Course Outcome

Physics

Paper Name	Course Outcome
Properties of matter & Thermodynamics	<ul style="list-style-type: none">• Understand the basic principles of elasticity• Understand the concepts of surface tension• Understand the aspects of viscosity• Understand the basic principles of thermodynamics
Optics, Laser & Electronics	<ul style="list-style-type: none">• Understand the basic concepts of interference and diffraction• Understand the concepts of polarization• Understand the fundamentals of electronics• Understand the important principles of laser physics
Mechanics, Relativity, Waves and Oscillations	<ul style="list-style-type: none">• Understand the basic ideas of frames of reference and the principles of conservation of energy and momentum• Understand the concepts of relativity• Understand the basic ideas of oscillations and waves• Understand the basic ideas of modern physics
Electricity, Magnetism and Nuclear physics	<ul style="list-style-type: none">• Understand the basic ideas of static and current electricity• Understand the concepts of magnetism• Describe the fundamental concepts of nuclear physics• Understand the basic ideas of cosmic rays and elementary particles
Physics Practical	<ul style="list-style-type: none">• Apply and illustrate the concepts of properties of matter through experiments• Apply and illustrate the concepts of electricity and magnetism through experiments• Apply and illustrate the concepts of optics through experiments• Apply and illustrate the principles of electronics through experiments