

Course Outcomes

Semester 1

Complementary course I

PHY1C01: Properties of matter & Thermodynamics

Course Outcome

CO1: Understand the basic principles of elasticity

CO2: Understand the concepts of surface tension

CO3: Understand the aspects of viscosity

CO: Understand the basic principles of thermodynamics

Semester 2

Complementary Course II

PHY2C02: Optics, Laser & Electronics

Course Outcome

CO1: Understand the basic concepts of interference and diffraction

CO2: Understand the concepts of polarization

CO3: Understand the fundamentals of electronics

CO4: Understand the important principles of laser physics

Semester 3

Complementary Course III

PHY3C03: Mechanics, Relativity, Waves and Oscillations

Course Outcome

CO1: Understand the basic ideas of frames of reference and the principles of conservation of energy and momentum

CO2: Understand the concepts of relativity

CO3: Understand the basic ideas of oscillations and waves

CO4: Understand the basic ideas of modern physics

Semester 4

Complementary Course IV

PHY4C04: Electricity, Magnetism and Nuclear physics

Course Outcome

CO1: Understand the basic ideas of static and current electricity

CO2: Understand the concepts of magnetism

CO3: Describe the fundamental concepts of nuclear physics

CO4: Understand the basic ideas of cosmic rays and elementary particles

Semester 1 to 4

Complementary Course V

PHY4C05: PHYSICS PRACTICALS

Course Outcome

CO1: Apply and illustrate the concepts of properties of matter through experiments

CO2: Apply and illustrate the concepts of electricity and magnetism through experiments

CO3: Apply and illustrate the concepts of optics through experiments

CO4: Apply and illustrate the principles of electronics through experiments