



## Department of Computer Science

### B.Sc. Physics

#### PROGRAMME SPECIFIC OUTCOMES (PSOs)

On successful completion of B.Sc. Physics, the students will

**PSO1:** identify key concepts, principles and fundamental laws that are central to the field of Physics, its different learning areas and applications, and its linkages with related disciplinary areas/subjects.

**PSO2:** acquire the ability to use critical thinking, analytical reasoning skills to identify and tackle Physics related problems and apply appropriate physical principles and methodologies to solve a wide range of problems associated with Physics.

**PSO3:** demonstrate the application of physics principles, concepts and laws in physics-related experiments or investigations, analyse and interpret information collected using appropriate methods.

**PSO4:** plan and execute experiments through careful observations, precise measurements, analyse interpretations and communicate effectively both in oral and written form on science topics or scientific reports and projects and use ICT in variety of learning situations.

**PSO5:** embrace ethical practices in all work and respond to social, environmental, and moral issues and practise tolerance and respect differences

**PSO6:** develop the ability to work collaboratively and effectively with others and be a team leader, respecting individual roles and responsibilities and acquire required skills for placements and higher education.

**PSO7:** recognize the need and have the ability to engage in independent, lifelong learning in the broadest context of technological change.