



Bachelor of Science (Honours) Physics

Vision

To be a global university of educational excellence with transformative societal impact

Mission

Universal values in our beliefs

Tenacity in overcoming challenges

Agility in facing new frontiers

Responsibility in pursuit of excellence

Programme Educational Objectives

PEO 1: Graduates competent in practising fundamental scientific principles in **Physics** discipline.

PEO 2: Graduates capable of communicating and managing in diverse areas of **Physics**.

PEO 3: Graduates practising professional ethics, life-long learning, and sustainable development for the betterment of the profession and society.

Programme Outcomes

PO1: Knowledge	Acquire and apply fundamental laws and principles of physics.
PO2: Practical skills	Possess technical skills to solve scientific problems and to conduct, analyse, interpret physics experiments.
PO3: Social Skills and responsibilities	Demonstrate social skills & responsibilities as a physicist.
PO4: Values, attitudes and professionalism	Demonstrate correct values, attitudes and professionalism as a physicist.
PO5: Communication, leadership and team skills	Display capability to communicate effectively and work competently in multidisciplinary environment as a member or a leader.
PO6: Problem solving and scientific skills	Ability to solve problems in various fields of physics and perform independent investigation of specific physical problems.
PO7: Information management and lifelong learning skills	Recognize the need for information management and independent life-long learning in the context of scientific advancement.
PO8: Managerial and entrepreneurial skills	Demonstrate capability to apply managerial and entrepreneurial skills to manage multidisciplinary projects.