



PROGRAMME SPECIFIC OUTCOME

DEPARTMENT OF PHYSICS

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

PSO1:	Have basic foundation and understanding of physics
PSO2:	Learn the various applications of physical and mathematical principles.
PSO3:	Have a significantly enhanced understanding of how to apply their knowledge of Physics to real physical systems
PSO4:	Have an understanding at an advanced level of the principles and techniques underlying many of the important areas of contemporary physics
PSO5:	Be able to demonstrate skills and competencies to conduct scientific experiments
PSO6:	Identify their area of interest and further specialize in the field of Physics

On successful completion of the **M.Sc. Physics** programme, students will

PSO1:	To have a worthwhile educational experience thorough well designed studies of theoretical and experimental Physics
PSO2:	Acquire deep knowledge in fundamental aspects of all branches of Physics.
PSO3:	Have abilities and skills that are encouraging research and development
PSO4:	Learn laboratory skills, enabling them to take measurements in a physics laboratory and analyze the measurements to draw valid conclusions.
PSO5:	Be capable of oral and written scientific communication, and will prove that they can think critically and work independently.
PSO6:	Will be capable of solve statistical problem with the knowledge distribution concept

On successful completion of the **M. Phil. Physics** course, the Scholars will

PSO1:	Carry out innovative research projects.
PSO2:	Identify research problem, analyze and interpret data
PSO3:	Approach and analyze any problem independently,
PSO4:	Undertake project work, so as to analyze and solve the problem independently
PSO5:	Have deep knowledge and application of Characterization techniques
PO6:	Prepare project reports and present their work in conferences