

MSc Physics

Programme Outcomes

PO-1: Apply knowledge of Physics to solve the complex scientific problems and become competent professional at global level.

PO-2: Identify, formulate and analyze advanced scientific problems on the basis of principles of science.

PO-3: Conduct investigations of a complex problem using scientific knowledge for analysis and interpretation of the data.

PO-4: Design experimental techniques and scientific tools for the extraction of experimental parameters and analysis of scientific-data.

PO-5: Apply contextual knowledge to assess societal, health, safety, and cultural issues relevant to the science practices.

PO-6: Understand and demonstrate the scientific knowledge in environmental contexts for sustainable development.

PO-7: Understand ethical principles and responsibilities of a scientist to serve the society.

PO-8: Communicate effectively through report writing, documentation and effective presentations.

PO-9: Function effectively as an individual, and as a member or leader in diverse teams, in multidisciplinary settings.

PO-10: Engage in independent and lifelong learning in the broadest context of science and technological developments.

PO-11: Enhance and adopt new skills for future employability in teaching and research through seminar, internship and dissertation.

PO-12: Successfully compete at national and international level competitive examinations.