

Department of Physics

Programme Specific outcomes

- 1) After completion of program, students have deep knowledge of basic concepts in Physics.
- 2) Students are expected to acquire core knowledge in Physics, including the major premises of Mechanics and Properties of matter, Modern Physics, Classical and Quantum mechanics, Electricity and Magnetism, Digital Electronics, Optics, Relativity, Heat and Thermodynamic, Solid State Physics, Mathematical and Statistical physics, Atomic, Molecular and Nuclear Physics, Laser and nonconventional energy sources.
- 3) Students are also expected to develop written and oral communication skills in communicating physics-related topics.
- 4) Students should learn how to design and conduct an experiment and understand the basic physics behind it.
- 5) Students will develop the proficiency in the handling of laboratory instruments.
- 6) Students will realize and develop an understanding of the impact of Physics on society and apply conceptual understanding of the physics in real life.
- 7) Students develop aptitude of doing research through undertaking small projects and research centre visit.
- 8) Students can develop interdisciplinary approach.