

Course code: 17PHY12/22

Course outcomes

C102.1	Develop the problem solving skills and implementation of skills in technology by understanding the basic principles of modern physics & Quantum mechanics.
C102.2	Gain knowledge about the material properties and develop skills to use these materials in engineering applications.
C102.3	Gain knowledge about Principle of LASERs and optical fibers and to develop skills needed for modern photonic applications.
C102.4	Design and select materials for various applications by studying the material structure and the structure property relationship.
C102.5	Learn about latest developments in science such as shock waves and nano science which will stimulate interest in research at higher education.

Course code: 17PHY17/27

Course outcomes

C107.1	To realize behavior and effect of electromagnetic radiation and to understand various optical phenomena.
C107.2	To know about the characteristics behavior of materials in a practical manner and to compare the theoretical principle involved with the real life solutions.
C107.3	To realize the principle, concept and the working of various electronic circuits and to develop the skills to design new engineering experiments.