

Subject Code: 21PHY12/22

Course outcomes:

At the end of the course the student will be able to:

1. Understand various types of oscillations and their implications, the role of Shock waves in various fields.
2. Compute Eigen values, Eigen functions, the momentum of atomic and subatomic particles using Time independent 1-D Schrodinger's wave equation.
3. Apprehend the basics of laser & optical fiber with different types and their applications in various fields.
4. Understand electrical conductivity phenomena in solid materials.
5. Understand the various measurement techniques.

Subject Code: 21PHY16/26

Course outcomes:

At the end of the course the student will be able to:

1. Understand the measuring techniques
2. Operate different instruments and be capable to analyse the experimental results.
3. Construct the circuits and their analysis.