**Course Number and Name** 

BPH201 & Engineering Physics -II

Credits and Contact Hours

3 & 45

## **Course Coordinator's Name**

Mrs.Lyola

## **Course Objectives**

- a) To expose the students to multiple areas of science of engineering materials which have direct relevance to different Engineering applications
- b) To understand the concepts and applications of conducting, Semiconducting, magnetic & dielectric materials as well as their optical properties.

Prerequisites	Co-requisites						
Physics-I	Nil						
required, elective, or selected elective (as per Table 5-1)							
Required							

## Course Outcomes (COs)

CO1: Understand about properties and advancements of conducting materials.

CO2: Understand the principle and properties semiconducting materials.

CO3: Acquire Knowledge on Magnetic and dielectric Materials.

CO4: To Know about the creation of new materials with novel properties

CO5: To Understand the impact of modern materials in technical uses.

CO6: Learn new engineering materials and its characteristics

Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	а	b	с	d	e	f	g	h	i	j	k	1
CO1	Η											
CO2		L	Н		Μ							
CO3		Μ		Н								
CO4	Η		Μ	L								
CO5		L	L									
CO6	Н											