

Course Number and Name													
BEE013 & High Voltage Engineering													
Credits and Contact Hours													
3 & 45													
Course Coordinator's Name													
Mr.Uma Mageshwaran													
Course Objectives													
To get a fair knowledge about the generation, measurements of high voltages and currents, testing of high voltage apparatus													
Prerequisites						Co-requisites							
Basic Electrical and Electronics Engineering						Nil							
required, elective, or selected elective (as per Table 5-1)													
Required													
Course Outcomes (COs)													
CO1:To understand the various types of over voltages in power system and protection methods.													
CO2:Nature of Breakdown mechanism in solid, liquid and gaseous dielectrics.													
CO3:To understand the generation of high voltages and currents													
CO4:To understand the measurement of high voltages and currents													
CO5:To gain knowledge in testing of high voltage equipments.													
Student Outcomes (SOs) from Criterion 3 covered by this Course													
	COs/POs	a	b	c	d	e	f	g	h	i	j	k	l
	CO1	M	H	H		M	H	L	M	H	H		H
	CO2	L	H			H	M	M	M	H	H		M
	CO3	L	H	H		M	H	M	M	H	H		M
	CO4	L	M			M	H	M	M	H	H		H
	CO5	L	H	M		M	H	M	M	H	H		M