

<b>Course Number and Name</b>												
BEE502 & Power Electronics												
<b>Credits and Contact Hours</b>												
3&45												
<b>Course Coordinator's Name</b>												
Mrs.Sherine												
<b>Course Description</b>												
To enable the students to gain a fair knowledge on characteristics and applications of power electronic devices and circuits												
<b>Prerequisites</b>						<b>Co-requisites</b>						
Electron Devices						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
<b>Course Outcomes (COs)</b>												
CO1: To learn the characteristics of different types of power electronic devices CO2: To understand the operation of controlled rectifiers CO3: To understand the operation of choppers & its types CO4: To understand the operation of inverters & its types CO5: To learn the operation of AC chopper, cyclo-converter and voltage controller.												
<b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	H				M	L						
CO2	H				M	L						
CO3	H				M	L						
CO4	H				M	L						
CO5	H				M	L						