

<b>Course Number and Name</b>												
BEE703 & ELECTRICAL DRIVES AND CONTROL												
<b>Credits and Contact Hours</b>												
4 & 60												
<b>Course Coordinator's Name</b>												
Mr.K.Sakthivel												
<b>Course Description</b>												
To enable the students to gain a fair knowledge on characteristics and applications of electrical drives and how to control the speed of the AC & DC Motors.												
<b>Prerequisites</b>						<b>Co-requisites</b>						
Electrical Machines – I						NIL						
required, elective, or selected elective (as per Table 5-1)												
Required												
<b>Course Outcomes (COs)</b>												
CO1: To learn the General characteristics of different types of electrical AC & DC Motors with respect to the applications. CO2: To understand the operation of different types of DC electrical drives. CO3: To understand the operation of Three Phase Induction Motors Drive. CO4: To understand the operation of Three Phase Synchronous Motor Drives. CO5: To learn the operation of control circuits and applications of Digital Control And Drive Application.												
<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	M					M	M		M			
CO2	M					M	M		M			
CO3	M					M	M		M			
CO4	M					M	M		M			
CO5	M					M	H		M			