

Course Number and Name												
BEE501 &Control Systems												
Credits and Contact Hours												
4&60												
Course Coordinator's Name												
Dr.V.Jayalakshmi												
Course Description												
To provide an introduction to the analysis of linear control systems. This will permit to exploit time domain and frequency domain tools												
Prerequisites						Co-requisites						
Engg Mathematics-I, Engg Mathematics –III and Electrical Network Analysis and Synthesis						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Understand the concept of control system, Electrical analogy of mechanical systems and the use of transfer function models for the analysis of physical systems.												
CO2: Understand, define different time domain specification parameters												
CO3: Gain knowledge in various frequency response analysis												
CO4: Understand the methods to analyze the stability of systems design of compensators.												
CO5: Understand the concept of state variable analysis and modeling of the system by the State variable technique.												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	M	H	M	H	M					L	L	M
CO2	H	H	M	H	H					L	L	M
CO3	H	M	M	H	H					L	L	M
CO4	H	M	M	H	H					L	L	M
CO5	H	M	M	H	H					L	L	M