

Course Number and Name												
BEE7L1 & Power System Using PC Laboratory												
Credits and Contact Hours												
2 & 45												
Course Coordinator's Name												
Dr.V.Jayalakshmi												
Course Objectives												
To provide better understanding of power system analysis through MATLAB simulation												
Prerequisites						Co-requisites						
Nil						Power System Analysis						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Acquire skills of using computer packages MATLAB coding in power system studies. CO2: Model and simulate power system network with stable and unstable situation. CO3: Analyse the performance of Power System Network using MATLAB tools. CO4: To perform the dynamic analysis of power system. CO5: To have hands on experience on various system studies and different techniques used for system planning.												
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	M		H	H				M			M
CO2	M	H		H	H				M			M
CO3	M	H		H	H				M			M
CO4	H	H		H	H				M			M
CO5	M	M		H	H				H			H