

Course Number and Name												
BEE701 & POWER SYSTEM ANALYSIS												
Credits and Contact Hours												
4 & 60												
Course Coordinator's Name												
Dr.V.Jayalakshmi												
Course Objectives												
To model various power system components and carry out load flow, short circuit and stability studies.												
Prerequisites						Co-requisites						
Transmission and Distribution						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Create computational models for analysis power systems and able to understand per unit system												
CO2: Perform load flow computations and analyze the load flow results.												
CO3: Analyse a power system network under Symmetrical Conditions.												
CO4: Understand Positive Sequence, Negative & zero sequence system and fault analysis.												
CO5: Analyze power system operation and stability control.												
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	H	H	M	H	M	M	M	M	L	L	L	M
CO2	H	H	M	H	H	H	M	M	L	M	L	M
CO3	H	H	H	H	H	H	M	H	L	M	L	M
CO4	H	H	H	H	H	M	M	H	L	M	L	M
CO5	H	H	M	H	H	H	M	M	L	M	L	M