

Course Number and Name												
BEE301 & Circuit Theory												
Credits and Contact Hours												
4 & 60												
Course Coordinator's Name												
Mrs. Sherine												
Course Description												
To develop problem solving skills and understanding of circuit theory through the application of techniques and principles of electrical circuit analysis to common circuit problems.												
Prerequisites						Co-requisites						
Basic Electrical and Electronics Engineering						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: To understand the basic circuit elements, fundamental laws applied for circuits. CO2: To develop the ability to understand the concepts of Sinusoidal steady state response of impedance and admittance and also power measurements for simple circuits. CO3: To understand the different network theorems. CO4: To understand the Transient response for dc circuits. CO5: To understand the concepts of resonance and coupled circuits.												
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	H	H	L	M	L			H	M	M
CO2	M	H	H	M	M	H	M	M		L	M	M
CO3	H	M		H	H		M			L	L	M
CO4	H	M		H	H	L	M	M		L	M	M
CO5	M	M	M	M	H		M			L	L	M