

Course Number and Name												
BEI012 Analog Integrated Circuit Design												
Course Objectives												
<ul style="list-style-type: none"> To have an adequate knowledge in the measurement techniques for power and energy, power and introduce the meters used to measure current & voltage. 												
Prerequisites						Co-requisites						
BEC405-Linear Integrated Circuits						NIL						
Course Outcomes (COs)												
CO1: To describe about single stage amplifier.												
CO2: To analyse high frequency and noise characteristics of amplifiers												
CO3: To analyse about feedback circuits and about Op-Amp performance characteristics.												
CO4: To learn about frequency compensation techniques												
CO5: To understand the stability of an Op-Amp												
CO6: To analyse Band gap references.												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	M	M	M	H	M		M			L	L	
CO2	H	M	M	H	H		M			L	L	
CO3	H	M		H	H		M			L	L	
CO4	H	M		H	H		M			L	L	
CO5	H	M	M	H	H		M			L	L	
CO6	H			H	H		M			L	L	