

SARDAR PATEL UNIVERSITY
Programme: B.Sc
Semester: III
Syllabus with effect from: June-2012

Paper Code: US03CELE03	Total Credit: 3
Title of Paper: Practical	

Unit	Description in detail	Weightage (%)
	To determine Bandwidth of CE Amplifier.	
	Amplitude Modulation of Carrier signal and calculation of modulation index.	
	Frequency Modulation of Carrier Signal.	
	Phase Modulation of Carrier signal.	
	Amplitude Demodulation and effect of time constant of Load circuit.	
	To generate Carrier signal using Hartley's Oscillator.	
	To generate Carrier signal using Colpitt's Oscillator.	
	To generate Audio signal using Phase shift Oscillator.	
	To generate Audio signal using Wein bridge Oscillator.	
	To study Feedback Amplifier.	
	To study Power supply and measure Line and Load Regulation.	
	Radiation Patterns of the Antenna.	
	And other experiments based on syllabus.	

