SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Electronics)
Semester: VI
Syllabus with Effect from: November-2013

Paper Code: US06CELE07	Total Credit: 2
Title of Paper: Practical	

Unit	Description in detail	Weightage (%)
	OP-AMP Parameters	**100%**
	OP-AMP Applications-I (Inv, Noninv, Instru-Ampli, Adder, Sub, Scalar)	
	OP-AMP Applications-II (Wein Bridge, Phase Shift, Heartly, Colpits, Square wave generator)	
	OP-AMP Comparator	
	FILTERS Using OP-AMP (Low Pass, Band Pass, Band Reject, All Pass)	
	Clipping & Clamping Circuits	
	Astable & its Applications Using 555	
	Monostable & its Applications Using 555	
	74LS83 Applications	
	R-2R , weighted Registers DAC	
	Counter type A/D Converter	
	Dual Slope (ADC)	
	ADC 0801 & DAC 080	
Experiments related to syllabii		