

SARDAR PATEL UNIVERSITY
Programme: B.Sc
Semester: II
Syllabus with effect from: November-2011

Paper Code: US02CPHY03	Total Credit: 2
Title of Paper: Practical	

Unit	Description in detail	Weightage (%)
	Y by bending of beam	
	Bar pendulum	
	Flywheel	
	Resolving power of grating	
	Newton's ring	
	ë by spectral line by diffraction photograph	
	Half wave rectifier with filters(L, C, LC, ð)	
	Full wave rectifier with filters(L, C, LC, ð)	
	Zener diode as voltage regulator	
	CE transistor characteristics(Input, Output & Transfer)	
	Measurement of self inductance	
	Measurement of capacitance	
	Study of probability distribution for two option system (coins)	
	Vibration magnetomete	
	Simulation of radioactive decay	

