

SARDAR PATEL UNIVERSITY
Programme: B.Sc
Semester: I
Syllabus with effect from: June-2011

Paper Code: US01CPHY03	Total Credit: 2
Title of Paper: Physics Practical	

Unit	Description in Detail	Weightage (%)
	ç by statical method	
	Torsional pendulum	
	Melde.s experiment	
	Sonometer	
	Y by cantilever	
	Poisson's ratio for rubber	
	ç by Maxwell.s needle	
	Resolving power of prism	
	Characteristics of PN junction diode (Forward & Reversed bias)	
	Half wave rectifier (Evaluation of A.C. components)	
	Full wave rectifier (Evaluation of A.C. components)	
	Zener diode characteristics	
	Conversion of galvanometer in to voltmeter	
	Conversion of galvanometer in to ammeter	
	Least square fitting for given linear data	

