

SARDAR PATEL UNIVERSITY
Syllabus Structure B.Sc Semester: I
With Effect From: June - 2018

Course Type	Subject Name	Course Code	Name Of Course	Theory/ Practical	Credit	Contact Hours Per Week	Exam Duration in hrs	Component of Marks			
								Internal Total/ Passing	External Total/ Passing	Total Total/ Passing	
Ability Enhancement		US01AENG21	Functional English	Practical	2	2	2	-	50	50	
Core Course	Chemistry	US01CCHE21	General Chemistry-I	Theory	4	4	3	30	70	100	
		US01CCHE22	Chemistry Practical	Practical	2	4	2	-	50	50	
		US01CCHE23	Practical in Chemistry- I (Effect from June, 2019)	Practical	2	4	2	-	50	50	
	OR										
	Instrumentation (Vocational)	US01CINV21	Instrumentation System – I	Theory	4	4	3	30	70	100	
		US01CINV22	Instrumentation Practical	Practical	2	4	2	-	50	50	
	Note: Instrumentation (Vocational) Subject Offered Only at V.P & RPTP Science College, Vallabh Vidyanagar										
	Physics	US01CPHY21	Mechanics-I, Network Analysis and Optics	Theory	4	4	3	30	70	100	
		US01CPHY22	Physics Practical	Practical	2	4	2	-	50	50	
	Biology	US01CBIO21	Cell Biology and Biodiversity	Theory	4	4	3	30	70	100	
		US01CBIO22	Biology Practical	Practical	2	4	2	-	50	50	
	OR										
	Mathematics	US01CMTH21	Calculus	Theory	4	4	3	30	70	100	
		US01CMTH22	Practical	Practical	2	4	2	-	50	50	
	OR										
Industrial Chemistry (Vocational)	US01CICV21	Industrial Aspect of Chemistry	Theory	4	4	3	30	70	100		
	US01CICV22	Practical	Practical	2	4	2	-	50	50		
Note: Industrial Chemistry (Vocational) Subject Offered Only at V.P & RPTP Science College, Vallabh Vidyanagar											
Skill Enhancement (Any One)		US01SENV21	Environmental Studies	Theory	2	2	2	15	35	50	

