

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc (Physical Chemistry)
Semester: III
Syllabus with Effect from: June - 2013

Course Type	Course Code	Name Of Course	Theory/practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks		
							Internal	External	Total
							Total/ Passing	Total/ Passing	Total/ Passing
Core Course	PS03CPHC01	Spectroscopy-I	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
	PS03CPHC02	Nuclear Chemistry	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
	PS03CPHC04	Practical	Practical	4	6 Hrs.	7	30/12	70/28	100/40
	PS03CPHC05	Practical	Practical	4	6 Hrs.	7	30/12	70/28	100/40
	PS03CPHC06	General Viva-Voce		1	8 Hrs.	--	--	50/20	50/20
	PS03CPHC07	Selected Topics in Physical Chemistry	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
Elective Course (Any One)	PS03ECHE01	Synthetic Dyes and Pigments	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
	PS03ECHE02	Selected topics in Advanced Inorganic Chemistry	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
	PS03ECHE05	Separation Methods	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40
	PS03ECHE06	Mechanical and Electrical Properties of Polymer-I	Theory	4	Lec-3+Sem-1= 4 Hrs.	3	30/12	70/28	100/40

