



SARDAR PATEL UNIVERSITY
Programme – MSc
(Under Choice Based Credit Scheme)
Semester – I
Syllabus with effect from: 2017-18



Physics

Course Type	Course Code	Name of Course	T/P	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total/Passing	Total/Passing	Total/Passing
Core Course	PS01CPHY21	Mathematical Physics	T	4	3	30/10	70/28	100/40
	PS01CPHY22	Atomic And Molecular Spectroscopy And Statistical Mechanics	T	4	3	30/10	70/28	100/40
	PS01CPHY23	Analog and Digital Electronics	T	4	3	30/10	70/28	100/40
	PS01CPHY24	Practical-I	P	4	3	30/10	70/28	100/40
	PS01CPHY25	Practical-II	P	4	3	30/10	70/28	100/40
	PS01CPHY26	Comprehensive Viva-Theory	T	1	Acc. Req.		50/20	50/20
Elective Course	PS01EPHY21	Elements of Solid state Physics and Error analysis	T	4	3	30/10	70/28	100/40
	PS01EPHY22	Non-linear Dynamics, Relativity and Cosmology-Theory	T	4	3	30/10	70/28	100/40