

SARDAR PATEL UNIVERSITY
 Programme: M.Sc. Applied Physics
 (Under CBCS)
 Semester- II
 Syllabus with effective from: June-2018

Course Type	Course Code	Course Title	Theory/ Practical	Credit	Contact Hrs/ Week	Exam durati on in Hrs.	Component of Marks		
							Internal	External	Total
							Total/ Passing	Total/ Passing	Total/ Passing
Core Course	PT02CAPC01	Classical Mechanics and Quantum Mechanics	Theory	4	4	3	30/12	70/28	100/40
	PT02CAPC02	Electrodynamics	Theory	4	4	3	30/12	70/28	100/40
	PT02CAPC03	Elements of Applied Physics	Theory	4	4	3	30/12	70/28	100/40
	PT02CAPC04	Experimental Methods -III	Practical	4	8	3.5	30/12	70/28	100/40
	PT02CAPC05	Experimental Methods -IV	Practical	4	8	3.5	30/12	70/28	100/40
	PT02CAPC06	Comprehensive Viva	---	1	2	--	-	50/20	50/20
Elective Course	PT02EAPC01	Fundamentals of Materials Science	Theory	4	4	3	30/12	70/28	100/40
	PT02EAPC02	Electronics Devices & Photovoltaics	Theory	4	4	3	30/12	70/28	100/40

Credits (per semester)

Theory + Seminar : 16
 Practical : 08
 Comprehensive Viva : 01
Total : 25