

SARDAR PATEL UNIVERSITY
Programme MSC
(Under the Choice based Credit Scheme)
SEMESTER- III
STRUCTURE WITH EFFECT FROM:2018-19



Mathematics

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 Courses	PS03CMTH21	Real Analysis II	T	4	3	30/10	70/28	100/40
	PS03CMTH22	Mathematical Methods I	T	4	3	30/10	70/28	100/40
	PS03CMTH23	Functional Analysis II	T	4	3	30/10	70/28	100/40
	PS03CMTH24	Comprehensive Viva	T/P	1	3	-	50/20	50/20
Elective Courses	PS03EMTH31	Banach Algebras	T	4	3	30/10	70/28	100/40
	PS03EMTH32	Computer Programming and Software	T	4	3	30/10	70/28	100/40
	PS03EMTH33	Financial Mathematics I	T	4	3	30/10	70/28	100/40
	PS03EMTH34	Graph Theory I	T	4	3	30/10	70/28	100/40
	PS03EMTH35	Graph Theory II	T	4	3	30/10	70/28	100/40
	PS03EMTH36	Group Theory	T	4	3	30/10	70/28	100/40
	PS03EMTH37	Mathematical Probability Theory	T	4	3	30/10	70/28	100/40
	PS03EMTH38	Number Theory and Cryptography	T	4	3	30/10	70/28	100/40
	PS03EMTH39	Operations Research	T	4	3	30/10	70/28	100/40
	PS03EMTH40	Problems and Exercises in Mathematics I	T	4	3	30/10	70/28	100/40
	PS03EMTH41	Relativity I	T	4	3	30/10	70/28	100/40
	PS03EMTH42	Topology II	T	4	3	30/10	70/28	100/40
				25		180	470	650