



SARDAR PATEL UNIVERSITY
Programme M.Phil.
(Under the Choice based Credit Scheme)
SEMESTER- II
STRUCTURE WITH EFFECT FROM:2017-18



M.Phil. (Mathematics)

	Name of Course	Course Code	Theory/ Practical	Credit	Contact Hrs/ Week	Exam Duration in hrs	Component of Marks		
							Internal	External	Total
							Total/ Passing	Total/ Passing	Total/ Passing
Core Subject	MS02CMTH21	Research Methodology II	Theory	02	3 hrs	3 hrs	30/17	70/39	100/55
Any Two Electives	MS02EMTH22	Functional Analysis III	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH23	Real Analysis III	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH24	Operator Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH25	Topological Groups and Abelian Harmonic Analysis	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH26	Advanced Banach Algebra Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH27	Unbounded Operators in Hilbert Spaces	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH28	Advanced Relativity Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH29	Riemannian Geometry and Applications of Differential Forms in General Relativity	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH30	Problems and Exercises in Mathematics II	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS02EMTH31	Function Algebras	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
MS02EMTH32	Advanced Graph Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55	
Core Subject	MS02CMTH22	Dissertation		08		Evaluation of Dissertation	Internal Examiner		100/55
							External Examiner		100/55
							Internal & External Examiners		100/55