



SARDAR PATEL UNIVERSITY
Programme M.Phil.
(Under the Choice based Credit Scheme)
SEMESTER- I
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	MS01CMTH21	Research Methodology I	Theory	02	3 hrs	3 hrs	30/17	70/39	100/55
Any Two Electives	MS01EMTH22	Functional Analysis III	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH23	Real Analysis III	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH24	Operator Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH25	Topological Groups and Abelian Harmonic Analysis	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH26	Advanced Banach Algebra Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH27	Unbounded Operators in Hilbert Spaces	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH28	Advanced Mechanics	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH29	Topics in Relativity Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH30	Problems and Exercises in Mathematics I	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH31	Function Algebras	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
	MS01EMTH32	Advanced Graph Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55
MS01EMTH33	Advanced Relativity Theory	Theory	03	4 hrs	3 hrs	30/17	70/39	100/55	