



SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

NEP-2020 aligned Curriculum with effect from Academic Year 2026-27

M.Sc. Mathematics

Semester-I

Course Type	Course Code	Course Title	Teaching-Learning Scheme		Credits	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
DSC	P2S01NCMTH01	Complex Analysis I	4-0-1	120	4	20	30	50	50	100
DSC	P2S01NCMTH02	Functions of Several Real Variables	4-0-1	120	4	20	30	50	50	100
DSC	P2S01NCMTH03	Linear Algebra	4-0-1	120	4	20	30	50	50	100
DSE (Any One)	P2S01NEMTH01	Ordinary Differential Equations	4-0-1	120	4	20	30	50	50	100
	OR P2S01NEMTH02	Partial Differential Equations								
DSE (Any One)	P2S01NEMTH03	Graph Theory I	4-0-1	120	4	20	30	50	50	100
	OR P2S01NEMTH04	Number Theory								
	OR P2S01NEMTH05	Mathematical Classical Mechanics								
DSE (Any One)	P2S01NEMTH06	Riemann Integration	2-0-1	60	2	10	15	25	25	50
	OR P2S01NEMTH07	History of Indian Mathematicians - I								
				660	22	110	165	275	275	550

DSC: Discipline Specific Core

FA: Formative Assessment

DSE: Discipline Specific Elective

SA: Summative Assessment

L: Lecture

P: Practical

T: Tutorial

