SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)
Syllabus with effect from the Academic Year 2021-2022

PROGRAMME STRUCTURE
MCA Semester: I

Programme Outcome (PO) - For MCA Programme	The objective of the MCA programme is to prepare post-graduates for software industry, corporate sector, government organizations and academics by providing skill-based education in the core and emerging areas of computer applications. The programme emphasizes on giving the students a sound background in theoretical and skill-oriented courses relevant to the latest trends in software development.
Programme Specific Outcome (PSO) - For MCA Semester - I	The objective of the MCA programme is to prepare post-graduates for software industry, corporate sector, government organizations and academics by providing skill-based education in the core and emerging areas of computer applications. The programme emphasizes on giving the students a sound background in theoretical and skill-oriented courses relevant to the latest trends in software development.

To Pass	(i)	At least 40% Marks in the University Examination in each paper and
	(ii)	At least 40% Marks in the total of Internal and the University Examination in each paper.

Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total	Total	Total
Core Course	PS01CMCA51	Python Programming	T	4	3	30	70	100
	PS01CMCA52	Computer Networks	T	4	3	30	70	100
	PS01CMCA53	Database Management Systems	T	4	3	30	70	100
	PS01CMCA54	Operating Systems	T	4	3	30	70	100
	PS01CMCA55	Computer Fundamentals	T	4	3	30	70	100
	PS01CMCA56	Practical based on PS01CMCA53 & PS01CMCA54	P	3	3	30	70	100
	PS01CMCA57	Practical based on PS01CMCA51	P	2	3	30	70	100