



SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.11))
Syllabus with effect from the Academic Year 2024-2025

PROGRAMME SPECIFIC OBJECTIVE:

The objective of the B.Sc.(IT) programme is to prepare students for a career in software design, development and testing as well as IT support by training them in the core and emerging areas of computer applications.

B.Sc.(IT) (Bachelor of Science in Information Technology)
Semester-III

Course Type	Subject Code	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration	Marking Scheme		
							Internal	External	Total
Discipline Specific Course Core(Major)	US03MABIT01	Object Oriented Programming using C++	T	4	4	2:30	50	50	100
	US03MABIT02	Database Management Systems - I	T	4	4	2:30	50	50	100
	US03MABIT03	Practical based on US03MABIT01 and US03MABIT02	P	4	8	3:00	50	50	100
Interdisciplinary	US03IDBIT04	Introduction to Scripting Language	T	2	2	1:30	25	25	50
	US03IDBIT05	Introduction to Scripting Language Lab	P	2	4	1:30	25	25	50
Ability Enhancement Course	US03AEBIT06	Discrete Mathematics	T	2	2	1:30	25	25	50
Skill Enhancement Course	US03SEBIT07	System Analysis and Design	T	2	2	1:30	25	25	50
IKS (Any One)	US03IKBIT08	Ayurveda	T	2	2	1:30	25	25	50
	US03IKBIT09	Dharmashastra (Aacharasamhita)	T	2	2	1:30	25	25	50

