



SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar, Gujarat (Reaccredited with 'A' Grade by NAAC (CGPA 3.11))

With effect from the Academic Year 2025-2026

PROGRAMMESPECIFICOBJECTIVE:

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

B.Sc. (Information Technology) Semester-V

Subject	Course No.	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration (Hrs.)	Marking Scheme		
							Int.	Ext.	Tot.
Discipline Specific Course Core (Major)	US05MABIT01	Fundamentals of Visual Programming	T	4	4	2:30	50	50	100
	US05MABIT02	Operating Systems	T	4	4	2:30	50	50	100
	US05MABIT03	Practical based on US05MABIT01 and US05MABIT02	P	4	8	3:00	50	50	100
Minor	US05MIBIT04	Open Source Technology using PHP	T	2	2	1:30	25	25	50
	US05MIBIT05	Practical based on US05MIBIT04	P	2	4	1:30	25	25	50
	US05MIBIT06	Advanced Java Programming	T	2	2	1:30	25	25	50
	US05MIBIT07	Practical based on US05MIBIT06	P	2	4	1:30	25	25	50
Skill Enhancement Course/Internship/ Dissertation	US05SE BIT08	Software Engineering Fundamentals	T	2	2	1:30	25	25	50
				22					

