



SARDARPATELUNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC(CGPA3.11)
Syllabus with effect from the Academic Year 2026-2027

Course Structure under NEP - 2020
B.Sc.(Information Technology) Semester-VII
(Without Research)

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.

Subject		Subject Code	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration	Marking Scheme		
								Internal	External	Total
Discipline Specific Course Core(Major)	Core Course-1	US07HMABIT01	Fundamentals of Machine Learning	T	4	4	2:30	50	50	100
	Core Course-2	US07HMABIT02	Full stack Web Application Development	T	4	4	2:30	50	50	100
	Practical of Core Course-1 and 2	US07HMABIT03	Practical based on US07HMABIT01 and US07HMABIT02	P	4	8	3:00	50	50	100
Minor	Minor Course-1	US07HMIBIT04	IoT Fundamentals	T	2	2	1:30	25	25	50
	Practical of Minor Course-1	US07HMIBIT05	Practical based on US07HMIBIT04	P	2	4	1:30	25	25	50
Skill Enhancement Course/Internship/ Dissertation		US07HSEBIT06	OJT	P	6	12	-	50	50	100
Minimum Qualifying Credits				22						

