

SARDATE PATEL UNIVERSITY
Structure : B.Sc. (CA & IT) - M.Sc. (CA & IT) Dual Degree
Semester – IV
Effective from June 2020 Integrated Course

Type of Course	Course code	Course Title	Credit	Class room/lab hrs per week	Marks			
					External	Exam Duration	Internal	Total
Core 1– Paper – I	US04CIIT21 (T)	Advanced Data & File Structure	4	4 hrs	70	3 hrs	30	100
	US04CIIT22 (P)	Advanced Data & File Structure Lab	2	4 hrs	50	2 hrs	-	50
Core 1– Paper – II	US04CIIT23 (T)	OOPS Technology -I	4	4 hrs	70	3 hrs	30	100
	US04CIIT24 (P)	OOPS Technology -I Lab	2	4 hrs	50	2 hrs	-	50
Core 2– Paper – I	US04CIIT25 (T)	Relational Database Management Systems-II	4	4 hrs	70	3 hrs	30	100
	US04CIIT26 (P)	Relational Database Management Systems-II Lab	2	4 hrs	50	2 hrs	-	50
Core 2– Paper – II	US04CIIT27 (T)	Software Engineering	4	4 hrs	70	3 hrs	30	100
	US04CIIT28 (P)	Software Engineering Lab	2	4 hrs	50	2 hrs	-	50
Ability Enhancement	US04AIIT21 (P)	Project 1	2	4 hrs	50	2 hrs	-	50
Skill Enhancement (Any One)	US04SIIT21 (T)	R Programming	2	2 hrs	35	2 hrs	15	50
	US04SIIT22 (T)	Operations Research - II	2	2 hrs	35	2 hrs	15	50
	Total Credit		28					