



Bachelor of Science (Computer Application & Information Technology)
BSc (CA & IT) Course Structure for Semester-IV

Programme Outcome (PO) - For BSc (CA & IT) Programme	The objective of the B.Sc. (CA & 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.
Programme Specific Outcome (PSO) - For BSc (CA & IT) Semester - IV	The objective of the B.Sc. (CA & 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.

Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Contact Hours Per Week	Exam Duration in hrs	Component of Marks		
							Internal Total	External Total	Total Total
Ability Enhancement Courses	US04AIIT51	Operations Research-II	P	2	2	2	=	50	50
Core Courses	US04CIIT52	OOPS Technology -I	T	4	4	3	30	70	100
	US04CIIT53	Relational Database Management Systems-II	T	4	4	3	30	70	100
	US04CIIT54	Software Engineering	T	4	4	3	30	70	100
	US04CIIT55	Advanced Data & File Structure	T	4	4	3	30	70	100
	US04CIIT56	Practicals-I	P	4	4	3	=	100	100
Skill Enhancement Courses (Any One)	US04SIIT58	R Programming	T	2	2	2	=	50	50
	US04IIIT59	Business Information Systems	T	2	2	2	=	50	50

