



**PROGRAMME SPECIFIC OBJECTIVE:**

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.

**B.Sc. (CA & IT) (Bachelor of Science in Computer Applications & Information Technology)**  
**Semester-IV**

Course Type	Subject Code	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration	Marking Scheme		
							Internal	External	Total
Discipline Specific Course Core(Major)	US04MACIT01	Object Oriented Programming - I	T	4	4	2:30	50	50	100
	US04MACIT02	Fundamentals of Operating Systems	T	4	4	2:30	50	50	100
	US04MACIT03	Practical based on US04MACIT01 and US04MACIT02	P	4	8	3:00	50	50	100
Minor	US04MICIT04	Database Management Systems - II	T	2	2	1:30	25	25	50
	US04MICIT05	Database Management Systems – II LAB	P	2	4	1:30	25	25	50
Ability Enhancement Course	US04AECIT06	Software Project Management	T	2	2	1:30	25	25	50
Skill Enhancement Course /Dissertation	US04SECIT07	System Analysis and Design	T	2	2	1:30	25	25	50
Value-Added Course (Any One)	US04VACIT08	Integrated Personality Development	T	2	2	1:30	25	25	50
	US04VACIT09	NCC Army - II	T	2	2	1:30	25	25	50

