



Structure for First Year M.Sc. (CA&IT) Semester-II
[Five Years' (Full-time) M.Sc. (CA&IT) Integrated Degree Course]

Offered in

**K. S. School of Business Management and
Information Technology**

Gujarat University

2023–2024

As per

**NEP2020 CURRICULUM AND CREDIT FRAME WORK FOR
UNDER GRADUATE PROGRAMMES, UGC**

&

Resolution No. KCG/admin/2023-24/0607/kh.1

of

Education Department, Govt. of Gujarat

MAJOR	COMPUTER SCIENCE				
MINOR	1. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING				
	2. WEB TECHNOLOGY				
	3. INFORMATION SECURITY				
		Exam Marks			
Code	Course	Credits	Internal Marks	External Marks	Total Marks
DSC-C-IMSCIT-121T	DATA STRUCTURE & ALGORITHMAM	4	50	50	100
DSC-C- IMSCIT-122P	DATA STRUCTURE & ALGORITHMAM- PRACTICALS	4	50	50	100
MINOR					
DSC-M- IMSCIT-123T	FUNDAMENTAL OF DATABASE MANAGEMENT SYSTEM	2	25	25	50
DSC-M- IMSCIT-123P	FUNDAMENTAL OF DATABASE MANAGEMENT SYSTEM-PRACTICALS	2	25	25	50
OR					
DSC-M- IMSCIT-123T	ENTERPRISE RESOURCE PLANNING	2	25	25	50
DSC-M- IMSCIT-123P	ENTERPRISE RESOURCE PLANNING - PRACTICALS	2	25	25	50
INTER DISCIPLINARY / MULTI DISCIPLINARY					
(1 Theory and 1 Practical Course has to be chosen. Courses can also be chosen from Basket)					
MDC-IMSCIT-124T	COMPUTER ORIENTED STATISTICAL METHODS	2	25	25	50
MDC-IMSCIT-124P	COMPUTER ORIENTED STATISTICAL METHODS – PRACTICALS	2	25	25	50
ABILITY ENHANCEMENT COURSE (Any ONE Course to be selected from the Basket)					
AEC- IMSCIT-125	COMMERCIAL COMMUNICATION	2	25	25	50
SKILL ENHANCEMENT COURSE (Any ONE Course to be selected from the Basket)					
SEC-WDD-126	WEB DESIGN & DEVELOPMENT	2	25	25	50
SEC-GRA-126	GRAPHICS DESIGN	2	25	25	50
COMMON VALUE ADDED COURSES (Any ONE Course to be selected from the Basket)					
VAC- 127-E	INTERPERSONAL SKILLS	2	25	25	50
TOTAL CREDITS		22	275	275	550