Structure for First Year M.Sc. (CA&IT) Semester-I

[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 NEP 2020 CURRICULUM AND CREDIT FRAMEWORK FORUNDERGRADUATE 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				
	ANY ONE TRACK	2. WEB TECHNOLOGY				
		3. INFORMATION SECURITY				
				Exam Marks		
	Code	Course	Credits	Internal Marks	External Marks	Total Marks
	DSC-C-IMSCIT-111T	FUNDAMENTALS OF PROGRAMMING	4	50	50	100
	DSC-C- IMSCIT-112P	FUNDAMENTALS OF PROGRAMMING-PRACTICALS	4	50	50	100
	MINOR					
	DSC-M- IMSCIT-113T	ELEMENTARY MATHEMATICS	2	25	25	50
	DSC-M- IMSCIT-113P	WORKING WITH SPREADSHEET	2	25	25	50
	OR					
	DSC-M- IMSCIT-113T	MATHEMATICAL CONCEPTS	2	25	25	50
	DSC-M- IMSCIT-113P	AUTOMATION OF OFFICE APPLICATION	2	25	25	50
	OR					
	DSC-M- IMSCIT-113T	ANALYTIC GEOMETRY AND TRIGONOMETRY	2	25	25	50
	DSC-M- IMSCIT-113P	DATA ANALYTICS USING SPREADSHEETS	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)					
	IDC-IMSCIT-114T	FUNDAMENTAL OF COMPUTER ARCHITECTURE & ELECTRONICS	2	25	25	50
	IDC-IMSCIT-114P	FUNDAMENTAL OF COMPUTER ARCHITECTURE & ELECTRONICS-PRACTICALS	2	25	25	50
	ABILITY ENHANCEMENT COURSE					
	AEC- IMSCIT-115	(TO BE SELECTED FROM BASKET)	2	25	25	50
	SKILL ENHANCEMENT COURSE					
	(Any ONE Course to be selected from the Basket)					
	SEC-IMSCIT-116	FUNDAMENTALS OF OPEN SOURCE TECHNOLOGY	2	25	25	50
	COMMON VALUE ADDED COURSES					
	VAC-IMSCIT-117	(Any ONE Course to be selected from the Basket)	2	25	25	50
		TOTAL CREDITS	**22**	**375**	**375**	**750**