



**Structure for Second Year M.Sc. (CA&IT) Semester-III**  
**[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 FOR  
UNDER GRADUATE PROGRAMMES, UGC**

**&**

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

**of**

**Education Department, Govt. of Gujarat**

<b>SEMESTER- III</b>					
<b>MAJOR</b>	<b>COMPUTER SCIENCE</b>				
	<b>1. ARTIFICIAL INTELLIGENCE &amp; MACHINE LEARNING</b>				
	<b>2. WEB TECHNOLOGY</b>				
	<b>3. INFORMATION SECURITY</b>				
		<b>Exam Marks</b>			
<b>Code</b>	<b>Course</b>	<b>Credits</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Total Marks</b>
DSC-C-IMSCIT-231T	Data Communication and Networking	4	50	50	100
DSC-C- IMSCIT-232T	Operating System Concepts-Theory	4	50	50	100
DSC-C- IMSCIT-233P	Operating System Concepts-Practical	4	50	50	100
<b>INTER DISCIPLINARY / MULTI DISCIPLINARY</b>					
(1 Theory and 1 Practical Course has to be chosen. Courses can also be chosen from Basket)					
IDC- IMSCIT-234T	Computer Oriented Numerical Methods-Theory	2	25	25	50
IDC- IMSCIT-234P	Computer Oriented Numerical Methods - Practical	2	25	25	50
<b>ABILITY ENHANCEMENT COURSE</b>					
(Any ONE Course to be selected from the Basket)					
AEC-235	(TO BE SELECTED FROM BASKET)	2	25	25	50
<b>SKILL ENHANCEMENT COURSE</b>					
(Any ONE Course to be selected from the Basket)					
SEC-NAM-236	Computer Network Analysis & Management	2	25	25	50
SEC-DWD-236	Dynamic Website Development	2	25	25	50
<b>COMMON VALUE ADDED COURSES</b>					
(Any ONE Course to be selected from the Basket)					
VAC-237	IKS-II	2	25	25	50
<b>TOTAL CREDITS</b>		<b>22</b>	<b>275</b>	<b>275</b>	<b>550</b>