

STRUCTURE FOR SEMESTER - 1
GUJARAT UNIVERSITY
Bachelor Of Computer Applications (B.C.A.)
(as per NEP 2020)

COURSE:	Bachelor Of Computer Applications (B.C.A.)	
MAJOR:	COMPUTER SCIENCE	
MINOR:	1. COGNITIVE MATHS	
	2. DATA SECURITY	
	3. WEB TECHNOLOGIES	
SEMESTER - 1		
MAJOR		
CODE	COURSE	CREDITS
DSC-C-BCA-111T	Elements of Programming & Computer Organization	4
DSC-C-BCA-112P	C Programming Practical	4
MINOR		
CODE	COURSE	CREDITS
DSC-M-BCA-113T	Mathematical Foundation	2
DSC-M-BCA-113P	Office Automation	2
	OR	
DSC-M-BCA-113T	Data Encryption & Compression Technique	2
DSC-M-BCA-113P	Data Encryption & Compression Technique Practical	2
	OR	
DSC-M-BCA-113T	Introduction to Web Technologies	2
DSC-M-BCA-113P	Web Designing	2
INTER DISCIPLINARY / MULTI DISCIPLINARY		
(1 Theory and 1 Practical Course has to be chosen. Courses can also be chosen from Basket)		
CODE	COURSE	CREDITS
IDC-BCA-114T	Emerging Computer Technologies	2
IDC-BCA-114P	Office Applications in Business	2
IDC-BCA-114P	Understanding Business Using Google sheets	2
IDC-BCA-114P	Working with Data Using Base	2
ABILITY ENHANCEMENT COURSE ()		
AEC-BCA-115	(Any ONE Course to be selected from the Basket)	2
SKILL ENHANCEMENT COURSE		
(Any ONE Course. Course can also be chosen from Basket)		
SEC-BCA-116	Open Office Software	
COMMON VALUE ADDED COURSES		
VAC-BCA-117	(Any ONE Course to be selected from the Basket)	2
TOTAL CREDITS		22