

STRUCTURE FOR SEMESTER - 2		
GUJARAT UNIVERSITY		
Bachelor Of Computer Applications (B.C.A.)		
(as per NEP 2020)		
COURSE:	Bachelor Of Computer Applications (B.C.A.)	
MAJOR:	COMPUTER APPLICATIONS	
MINOR:	1. COGNITIVE MATHS	
	2. DATA SECURITY	
	3. WEB TECHNOLOGIES	
SEMESTER - 2		
MAJOR		
CODE	COURSE	CREDITS
DSC-C-BCA-121T	Data Structures Using C	4
DSC-C-BCA-122P	Data Structures Using C Practical	4
MINOR		
CODE	COURSE	CREDITS
DSC-M-BCA-123T	Statistical Methods	2
DSC-M-BCA-123P	Applications of Statistical Methods	2
	OR	
DSC-M-BCA-123T	Cryptography	2
DSC-M-BCA-123P	Cryptography Using C	2
	OR	
DSC-M-BCA-123T	Advanced Web Technologies	2
DSC-M-BCA-123P	Applications of Dynamic Web Technologies	2
INTER DISCIPLINARY / MULTI DISCIPLINARY		
(1 Theory and 1 Practical Course has to be chosen. Courses can be chosen from Basket)		
CODE	COURSE	CREDITS
IDC-BCA-124P	Working with Data Using MySQL	2
IDC-BCA-124P	Business Enhancement Using WordPress	2
IDC-BCA-124P	Business Data Analytics using Spreadsheets	2
ABILITY ENHANCEMENT COURSE ()		
AEC-BCA-125	(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-126	Data Management software for Business	2
COMMON VALUE ADDED COURSES		
VAC-BCA-127	(Any ONE Course to be selected from the Basket)	2
TOTAL CREDITS		22