



C.U.SHAH UNIVERSITY
Vbt's Institute of Commerce,
Wadhwan city
W.e.f.- June 2017

FACULTY OF: - COMMERCE
DEPARTMENT OF: - Bachelor of Commerce (B.Com)
SEMESTER: - IV
CODE: - 4CO04CSC2
NAME: – Computer Science-IV

Teaching & Evaluation Scheme:-

Sr. No	Subject Code	Name of the Subject	Teaching Hours / Week				Credits	Evaluation Scheme								Total Marks
			Th	Tu	Pr	Total		Theory				Practical				
								Sessional Exam		University Exam		Internal			Uni ver sit y	
			Marks	Hr /s	M ar ks	Hr/s		Marks	Hr/s	T W	Pr					
1	4CO04CSC2	Computer Science – IV	2		2	4	3	15	1/2	35	2	15	1/2	--	35	100

Objectives:

To impart information technology related skills to the students

Course Outline

Unit	Content	No of Hours
1	<p>DATABASE MANAGEMENT: - Concept of DBMS, types of files (command, database, index), creating, modifying, executing of command file using commands (create, modify, do), data types, operators, scope options (all, next, rest, record).</p> <p>CREATION /CLOSING COMMANDS: - create, use [index], close [all, databases, indexes]</p> <p>EDITING COMMANDS: - append [blank, from], edit [fields, for, while, when], replace, insert [before, blank] browse [fields, freeze, for, when, lock]</p>	12
2	<p>DATA DISPLAY COMMANDS: - list [off, fields, scope, for, while, to printer, to file], display [fields, for, while, off, to printer]</p>	11

	INDEXING, SORTING AND MULTIPLE FILE HANDLING COMMANDS: - Index, sort, select RECORD MOVEMENT COMMANDS: - go [record, top, bottom], skip	
3	DELETION COMMANDS: - delete[scope, for, while] , zap, pack, recall SEARCHING COMMANDS: - locate, seek, find	11
4	SET COMMANDS: - index, order, relation LOOPING COMMANDS: - scan[for, while] ... endscan	11
Total Hours		45

Learning Outcomes :-

Theoretical Outcome :- Students can learn Theoretical aspect of Computer Science.

Practical Outcome :- Student can solve the problems of Computer Science.

Teaching and Learning methodology :- The following pedagogical tools will be Used to teach this course:

- (A) Lectures
- (B) Case discussions
- (C) Assignments / Class participation / Quiz etc.

Suggested Readings and Reference Books:

1. Foxpro 2.5 Made Simple by R. K. Taxali, BPB Publication
2. Programming in Foxpro 2.6 by Gagan Sahoo, Khanna Publication