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: - III
CODE: - 4CO03CSC2
NAME: – Computer Science-III

Teaching & Evaluation Scheme:-

Sr. No	Subject Code	Name of the Subject	Teaching Hours / Week				Credits	Evaluation Scheme								
								Theory				Practical				Total Marks
								Sessional Exam		University Exam		Internal			University	
			Th	Tu	Pr	Total		Marks	Hr/s	Marks	Hr/s	Marks	Hr/s	TW	Pr	
1	4CO03CSC2	Computer Science – 3	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	Course	No. of Hours
1	**INPUT/OUTPUT, INITIALIZING, ASSIGNING AND OTHER COMMANDS:** - Concept of DBMS - ?, ??, ???, *, &&, note, =, clear - accept, input, store, wait, @ say ... get [picture, range, valid, default] - Array with meaningful example	12
2	**LOOPING, CONDITIONAL AND BRANCHING COMMANDS** - for ... end for - do while .... enddo, exit, loop - if ... else ... endif (also nesting) - do case ... endcase	11

3	**LIBRARY FUNCTIONS:** - Character, string and other functions: chr(), asc(), val(), left(), right(), str(), substr(), len(), lower(), upper(), ltrim(), rtrim(), alltrim(), stuff(), isupper(), islower(), isalpha(), isdigit(), soundex(),proper() do while .... enddo, exit, loop - Numeric functions: abs(), between(), ceiling(), floor(), int(), min(), max(), mod(), round(), sqrt(), rand(), sign() - Date and Time functions: date(), time(), day(), dow(), month(), year(), dtoc(), ctod(), cdow(), cmonth().	11
4	**SET COMMANDS:** - alternate, bell, carry, century, confirm, color to, console, date, default, decimal, device, delimiters, exact, fixed, print, safety, talk, mark	11
	Total Hours	**45**

Learning Outcomes :-

Theoretical Outcome :- Students can learn Theoretical aspect computer science.

Practical Outcome :- Student can solve the problems of computer science.

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

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

Suggested Readings and Reference Books:
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1. Foxpro 2.5 Made Simple by R. K. Taxali, BPB Publication
2. Programming in Foxpro 2.6 by Gagan Sahoo, Khanna Publication