



C. U. SHAH UNIVERSITY, Wadhwan City



Faculty of: Commerce

Bachelor of Commerce

SEMESTER: Sem - VI

CODE: 4CO06CSC1

Name: Computer Science - VI

Teaching & Evaluation Scheme

Teaching Scheme(Hours)				Evaluation Scheme(Marks)		
Theory	Tutorial	Practical	Total	Theory	Practical	Total
2	0	4	4	50	50	100

Objective: To develop the computer language skills of the students.

Prerequisite: Basic Knowledge of Computer

Course outline

Sr. No.	Course Contents	Number of Hours
1	Working with Data Variables, Data Types, Declaring Variables, Scope of Variables, Constants, Arithmetic operations on Data, Displaying Output	7
2	Selection What is Selection? Type of selection, testing multiple conditions, nested IF structures, Complex multiple condition, Select Case, Extensions to select a case	7
3	Loops: What is a Loop? Type of Loops – FOR... NEXT, DO WHILE...LOOP, DO... LOOP UNTIL	8
4	Handling Strings, Dates and Time Introduction, Declaring Strings, ASCII, Processing Strings, Handling Dates, Formatting Date output, Handling Time, Calculations with Time and Date	8
5	Procedures What is a Procedure? Types of Procedures, Why use Procedure? Passing Parameters, Practical work on using the correct formal parameters, Functions, Form and Standard Modules.	5
6	Files: What is a File? Types of Files(concept), Basic file operations like read, write, append (Sequential file only)	5
7	Menus: Introduction, Type of Menus, Features of menu	5
	Total Hours	45



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Learning Outcomes

Theoretical Outcome It provide students a good understanding of Computer Science

Practical Outcome Students gain a better understanding of Computer Science and it helps practically in routine Business work

Teaching & Learning Methodology

- (A) Lectures
- (B) Case Studies
- (C) Class Participation

Books Recommended

1. 'Successful Projects in Visual Basic' By D. Christopher , BPB
2. 'Mastering in Visual Basic' , BPB
3. 'Programming in Visual Basic' (Peter Norton)

E-Resources

<http://guides.lib.purdue.edu/content.php?pid=211948&sid=1766026>

<http://www.library.ethz.ch/en/Resources/Resources-sorted-by-subject/Computer-science>