

Course Number and Name												
BCS 2L2 - COMPUTER PRACTICE LABORATORY												
Credits and Contact Hours												
1 & 45												
Course Coordinator's Name												
Dr. Velavan												
Text Books and References												
Course Description												
<ul style="list-style-type: none"> To impart basic computer knowledge 												
Prerequisites						Co-requisites						
Fundamentals of Computer						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Demonstrate major algorithms and data											
CO2	Implementation of array operations											
CO3	Implementation of binary tree.											
CO4	Implementation of linked list											
CO5	Students will able to do analyse data using spread sheet											
CO6	Student will able to understand the basics of C programming.											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1	H	H	L	H		H		L		H	H
	CO2						H	H	L			
	CO3						H	H	L		M	
	CO4						H	H	L		M	
	CO5						H	H	L		M	
	CO6						H	H	L		M	
List of Topics Covered												
<p>A) WORD PROCESSING 6</p> <p>Document creation, Text manipulation with Scientific Notations. Table creation, Table formatting and Conversion. Mail merge and Letter Preparation. Drawing-Flow Chart</p>												

B) SPREAD SHEET

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Chart-Line Xy Bar and Pie – Formula-Formula Editor-Spread sheet-Inclusion of Object, Picture and Graphics Protecting the document and sheet-Sorting and Import/Export features.

C) SIMPLE C PROGRAMMING*

15

Data types, Expression Evaluation, Condition Statement. Arrays structures and Unions –Functions

D) SIMPLE C++PROGRAMMING

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-Classes and Objects

-Constructor and Destructor

***For Programming exercises Flow chart and Pseudo code are essential.**