

Course Number and Name												
BCS1L1 & Computer Practice Laboratory												
Credits and Contact Hours												
1 & 45												
Course Coordinator's Name												
Mrs.Keerthika												
Text Books and References												
Lab Manual												
Course Description												
To impart basic computer knowledge												
Prerequisites						Co-requisites						
Nil						Fundamentals of Computing and Programming						
required, elective, or selected elective (as per Table 5-1)												
Required												
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	l
CO1						H		L		H	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												
A) WORD PROCESSING											6	
Document creation, Text manipulation with Scientific Notations. Table creation, Table Formatting and Conversion. Mail merge and Letter Preparation. Drawing-Flow Chart												
B) SPREAD SHEET											9	
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											15	
-Classes and Objects												
-Constructor and Destructor												