Course Number and Name
BCS1L1 - COMPUTER PRACTICE LABORATORY

Credits and Contact Hours
1 & 45

Course Coordinator's Name
Ms Fathima

Text Books and References
Lab Manual

Course Description
To impart basic computer knowledge

Prerequisites	Co-requisites
Nil	Fundamental 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 analyses 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

LIST OF EXPERIMENTS

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 Statements
- Arrays
- Structures and Unions
- Functions

D) Simple C++ Programming   **15**
- Classes and Objects
- Constructor and Destructor

* For programming exercises Flow chart and Pseudo code are essential