

First Year B.C.A. (Under Science) Semester I

Course Code: BCA 105

Course Title: Lab – I

Objectives:

- i. Design and implement 'C' programs for simple problems
- ii. Understand appropriate use of data types and array structures
- iii. Understand use of appropriate control structures

Sr. No.	Assignment	No. of Slots
1.	Assignment on use of data types, simple operators (expressions)	02
2.	Assignment on decision making statements (if and if-else, nested structures)	02
3.	Assignment on decision making statements (switch case)	01
4.	Assignment on use of while loops	02
5.	Assignment on use of for loops	02
6.	Assignment on nested loops	01
7.	Assignment on exit, goto, continue, break	02
8.	Assignment on menu driven programs.	02
9.	Assignment on writing C programs in modular way (use of user defined functions)	02
10.	Assignment on call by value	01
11.	Assignment on call by reference	01
12.	Assignment on recursive functions	02
13.	Assignment on use of arrays (1-D array) and functions	02
14.	Assignment on use of multidimensional array (2-D arrays) and functions	02
15.	Assignment on Standard Library Function	02
	Total slots Required	26