CORE COURSE: 4B07CSC – LAB III

DATABASE MANAGEMENT SYSTEM

SEMESTER	COURSE CODE	HOURS PER WEEK	CREDIT	EXAM HRS
III &IV	4B07CSC	2+2*	2	3

*Lab will be conducted for 2 hours in III semesters and 2 hours in IV semester

DATABASE MANAGEMENT SYSTEM

Create table with required attributes and assign suitable constraints.

1. Implement DDL Statements in SQL.

2. Implement DML Statements in SQL.

3. Implement DCL statements in SQL.

4. Implement different Types Of Operator in SQL

   - Arithmetic (Eg: mark+10, sal=sal*3,….)

   - Relational (<, <=, >, >=, =)

   - Logical (AND,OR,NOT)

   - BETWEEN …AND

   - LIKE

   - IN

5. Implement different types of SQL functions

   - Character Functions (Character Manipulation, Case Conversion)

   - Number Functions

   - Aggregate Functions

   - Group Functions

6. Implement Join Statements in SQL

- Inner Join

- Outer Join (Left outer join, Right outer Join)

7. Implement Sub queries in SQL.

- Single Row Sub queries

- Multiple Row Sub queries

8. Implement 'VIEW' in SQL.

9. Implement 'Sequence' In SQL.

10. Implement WHERE, GROUP BY,ORDER BY and HAVING CLAUSES in SQL.