

DEPARTMENT OF MCA

FIRST SEMESTER

CORE PRACTICAL I: RDBMS LAB

Course Code	:	Credits	: 03
L:T:P:S	: 1:0:3:0	CIA Marks	: 50
Exam Hours	: 03	ESE Marks	: 50

Learning Objectives:

- *To explain basic database concepts, applications, data models, schemas and instances.*
- *To demonstrate the use of constraints and relational algebra operations.*
- *Describe the basics of SQL and construct queries using SQL.*
- *To emphasize the importance of normalization in databases.*
- *To facilitate students in Database design*

Lab Exercises:

1. DDL Statements
2. DML Statements
3. SELECT statement
4. Numeric functions
5. Character functions
6. Date functions
7. Group Functions
8. Set Operations
9. Nested query
10. Joins
11. Commit and Rollback
12. PL/SQL-Decision Making statements
13. PL/SQL-Looping statements
14. PL/SQL-Cursors
15. PL/SQL-Exception Handling
16. PL/SQL-Functions
17. PL/SQL-Procedures
18. PL/SQL-Triggers