

DBMS-2-01P: Data Base Management System (DBMS) Lab

Total Marks: 50
External Marks: 35
Internal Marks: 15
Credits: 2
Pass Percentage: 40%

Course: Data Base Management System (DBMS) Lab	
Course Code: DBMS-2-01P	
Course Outcomes (COs) After the completion of this course, the students will be able to:	
CO1	Implement Basic DDL, DML and DCL commands.
CO2	Understand Data selection and operators used in queries and restrict data retrieval and control the display order.
CO3	Use Aggregate and group functions to summarize data.
CO4	Join multiple tables using different types of joins.
CO5	Implementation of different types of operators in SQL

Detailed List of Programs:

Programme No.	Name of Program
P1	Implementation of DDL commands of SQL with suitable examples <ul style="list-style-type: none">• Create table• Alter table• Drop Table
P2	Implementation of DML commands of SQL with suitable examples <ul style="list-style-type: none">• Insert• Update• Delete
P3	Implementation of different types of function with suitable examples <ul style="list-style-type: none">• Number function• Aggregate Function• Character Function• Conversion Function• Date Function
P4	Implementation of different types of operators in SQL <ul style="list-style-type: none">• Arithmetic Operators• Logical Operators• Comparison Operator• Special Operator• Set Operation

P5	<p>Implementation of different types of Joins</p> <ul style="list-style-type: none"> • Inner Join • Outer Join • Natural Join etc.
P6	<p>Implementation of</p> <ul style="list-style-type: none"> • Group by & having clause • Order by clause • Indexing
P7	<p>Implementation of</p> <ul style="list-style-type: none"> • Sub queries • Views
P8	<p>Study & Implementation of different types of constraints.</p>
P9	<p>Study & Implementation of Database Backup & Recovery commands. Study & Implementation of Rollback, Commit, Savepoint.</p>
P10	<p>Creating Database /Table Space</p> <ul style="list-style-type: none"> • Managing Users: Create User, Delete User • Managing roles:-Grant, Revoke