



# Jodhpur Institute of Engineering & Technology

## SYLLABUS

IV -Semester

Branch: CSE (AI&ML)

4AIML4-24 Database Management System Lab

Credit:1.5

Max. Marks: 75 (IA: 45, ETE:30)

0L+0T+3P

End Term Exam: 2 Hours

S. No.	List of Experiments
1.	To perform various SQL Commands of DDL, DML, DCL.
2.	Write SQL Commands such as Insertion, deletion and updation for any schema.
3.	Write SQL command to implement the referential integrity constraints.
4.	To execute Nested Queries, Join Queries, order-by, having clause and string operation.
5.	To perform set operators like Union, Intersect, Minus on a set of tables.
6.	To execute various commands for GROUP functions (avg, count, max, min, Sum).
7.	Write a PL/SQL block for a transaction application using Cursors..
8.	Write a PL/SQL block for transaction application using Triggers.
9.	Write the query to create the views.
10.	Write the query for creating the users and their role.
11.	In this subject, the students are supposed to prepare a small database application in the complete semester like financial accounting system, Railway reservation system, Institute timetable management system, Student record management system, library management system, etc.

Tools/ software/ language : Oracle SQL