


AIT/NBA/ LAB-INDX/ 2024-25		 ACHARYA INSTITUTE OF TECHNOLOGY Bengaluru – 560 107 Department of Artificial Intelligence and Machine Learning Engg.					
Course Title:		DATABASE MANAGEMENT SYSTEM				Course ID: C213	
Course Code:		BCS403	Semester:	4	Section:	A	ACY: 2024-2025
Student Name:					Batch:		USN:
Sl.	Description of Experiments	Course Outcomes / Marks					Student Sign
		Attendance	Observations	Record	Viva	Total	
		2	2	4	2	10	
1	Create an Employee table, grant a user all permissions, insert three records and rollback, add primary key & NOT NULL constraints, then insert null values and verify						
2	Create an Employee table with attributes EMPNO, ENAME, JOB, MGR, SAL, then add a COMMISSION column, insert five records, update JOB, rename a column, and delete the employee with EMPNO = 105.						
3	Create an Employee table with E_id, E_name, Age, Salary, then use aggregate functions: count employees, find max/min age, display salaries in ascending order, and group salaries.						
4	Create a row-level trigger on the CUSTOMERS table that fires on INSERT, UPDATE, or DELETE, displaying the salary difference between OLD.SALARY and NEW.SALARY.						
5	Create a cursor for the Employee table, declare variables, open the cursor, fetch values, display them, and then close the cursor.						
6	Write a PL/SQL block of code using a parameterized Cursor, that will merge the data available in the newly created table N_RollCall with the data available in the table O_RollCall. If the data in the first table already exists in the second table then that data should be skipped.						
7	Install MongoDB, then perform CRUD operations: Insert, Query, Update, and Delete documents.						
Average Marks obtained (Scale to - 15)							
Test-1							
Test-2							
Average Laboratory Test Marks (Scale to - 10)							
Total of Average Marks obtained (Exp+Test - 50)							
CIE Marks (IA):				/25			
Course Instructor Name:		Md. Tahir Mirji			Signature:		