LESSON PLAN

SUB: DATA BASE MANAGEMENT LAB
BRANCH:- COMPUTER SCIENCE& ENGG.
SEMESTER:4th
NAME OF FACULTY:MAHESWARI SAMAL(GF)

GOVERNMENT POLYTECHNIC, BHADRAK

SESSION: 2025-26

HoD ,CSE

Academic Co-ordinator

Academic Co-ordinator

Principal
Govt. Polytechnic, Bhadrak

DEPARTMENT OF Computer Science & Engg.,

Discipline: Computer Science & Engineering	Semester: 4th Summer/2025	Name of the faculty: MAHESWARI SAMAL (GF) EmailId:maheswarismal9 8@gmail.com
Subject: Database Management Lab (Pr- 2)	No. of Days/week: 02 (2 periods / Day)	StartDate:22.12.2025 EndDate:18.04.2026

Week	Class Day	Practical Topics
1st	1st	Introduction to Oracle
	2nd	DDL Commands
2nd	1st	DML Commands
	2nd	TCL & DCL Commands
3rd	1st	Revision/Assessment on Queries in DDL,DML,TCL and DCL Commands
	2nd	Write a query to Name the column headings EMP#, Employee, Job and Hire date, respectively. Run the query.
4th	1st	Select Statement in SQL(Distinct Statement ,Where Clause 3.And,Or option with Select 4.Order by clause) Show the Structure of DEPT. Select all data from DEPT table. Create a query to display unique jobs from the EMP table.
	2nd	Create a query to display the Name and salary of employees earning more than Rs.2850.Save the query and run it. Create a query to display the employee name and department no. for employee no. 7566.
5th	1st	Display the employee name, job and start date of employees hire date between Feb.20.1981 and May 1, 1981. Order the query in ascending order of start date.
	2nd	Display the name and title of all employees who don't have a Manager.
6th	1st	Display the name, salary and comm. For all employee who earn comm. Sort data in descending order of salary and comm.
	2nd	Write a query to display the name, department number and department name for all employees.

7th	1st	Create a unique listing of all jobs that are in department 30.
	2nd	Delete the information of student having roll No -15 and City- Bhubaneswar. Rename the Student database table to STUDENT INFORMATION.
8th	1st	Revision/Assessment
	2nd	Functions in SQL(Numeric Function, Character Function, Group Functions)
9th	1st	Display the name job, salary for all employees whose job is Clerk or Analyst their salary is not equal to Rs.1000, Rs.3000, Rs.5000.
	2nd	Write a query to display the date. Label the column DATE.
10th	1st	Write a query to display the employee name, department name, and location of all employee who earn a commission.
	2nd	Display the employee name and salary of all employees who report to KING.
11th	1st	Write a query to display the name, job, department number and department name for all employees who works in DALLAS.
	2nd	Write a query to display the number of people with the same job. Save the query @ run it.
12th	1st	Create a query to display the employee name and hire date for all employees in same department.
	2nd	Display the name, department name and salary of any employee whose salary and commission matches both the salary and commission of any employee located in DALLAS.
13th	1st	Revision/Assessment class
	2nd	Create a student database table using Regd.No. as primary key, insert data of your class.
14th	1st	Practice of all Data Retrieval ,DML,DDL,TCL,DCL commands used in Oracle by writing queries.
	2nd	Revision/Assessment
15th	1st	Revision/Assessment
	2nd	Revision/Assessment

Maheswari Samol.

Signature faculty