	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR
	Department of Computer Science and Engineering
	CSL 210: DBMS
	Lab-Test-1

Sem : V	**Duration: 1Hour**
Date: 10/10/2022	**Marks : 20**

Important Instructions:
- All the questions are compulsory.
- Maximum marks that can be obtained for a particular question are indicated in the brackets [ ] on the extreme right of the corresponding question.
- There are a total **two** questions in Paper.

Q1 Create the following table with their constraints specified on it: [10M]
    Employee [C01]
    (empid, empname, deptid fk to empdept, contactno, emaildid, empheadid)
    Empdept
    (deptid, deptname, dept_off, depthead FK to Employee)
    Empsalary
    (empid FK to employee, salary, ispermanent)
    Project
    (projectid, duration)
    Empproject
    (empid FK to employee, projectid FK to project, clientid FK to clienttable, startyear, endyear)

Q2 Write the following SQL Queries based on the schema defined above: [10M]
                                                                        [CO1]

1. Select the detail of employee whose emailId is in gmail.

2. What is total salary that is paid to permanent employees?

3. List the number of employees in each project.

4. How many project started in year 2010.

5. Select the name of the employee head who is permanent.

6. Select the name and email of the Dept Head who is not permanent.

7. Select the employee whose department off is Monday.

8. Select name of employee who is not assigned to any project.

9. Count number of employee in each department.

10. What is total salary that is paid to permanent employees?