

SNGIST GROUP OF INSTITUTIONS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B. TECH DEGREE INTERNAL LAB EXAMINATION NOVEMBER 2024

SEMESTER V

CSL 333 DATABASE MANAGEMENT SYSTEM LAB

DATE:

TIME: 3 HOURS

The query for the following in MYSQL COMMAND LINE.

1. Write the commands for creating the database named STUDENT.

2. Create the following tables in this database

STUDENT (student id, name, dept code, sem, year of admission) student id should be PRIMARY KEY, no rows should have null values for any other attributes. Give appropriate datatypes for each.

SUBJECT (sub id, sem, dept, year of admission) sub id should be PRIMARY KEY, no rows should have null values for any other attributes. Give appropriate datatype for each.

ENROLL (stud id, sub id, grade) stud id and sub id should be the PRIMARY KEY, stud id and sub id should be the FOREIGN KEY.

TEACH (staff id, sub id) staff id and sub id should be the PRIMARY KEY.

3. Insert 10 rows to each table

4. Write a MYSQL procedure which returns a variable containing name of all students who is taught by staff with id "CSD002".

5. Retrieve the name and dept code of students who belongs to the department CS.

6. Find how many distinct department codes are available in the STUDENT table.

7. Rename the column name dept code as dept

8. Display name of students whose year of admission is between 2017 and 2019.