**ITE 302 – DATABASE SYSTEM LAB**

**EXERCISE 1**

Create a table to store the student information as per the given schema;

STUDENT (REGNO, SNAME, PROGRAM, MAJOR, PERCENTAGE, DOB, ADDRESS, PHONE)

***Choose carefully the appropriate data types and size for all the mentioned attributes while you create table***.

Write SQL queries to view the required information as given below;

1. To display all the records of Student.

2. To view all the details of students named ‘Ravi’.

3. To find the details of student whose phone number is 9955667788.

4. To list all the students’ regno, name, program and major of those who scored percentage above 70.

5. To list all the students’ phone number of those who scored between 50 and 75.

6. To list the names and programs of those students who have scored above 70 and from ‘Chennai’.

7. To find all the details of students who are from ‘Mumbai’ and of ‘ECE’ major.

8. To display the student regno and name of all the students who are doing either ‘ECE’ major or ‘CSE’ major.

9. To display the student details for those who have satisfied one of the following; regno – ‘14BIT0001’, Phone – 9900889900, percentage – greater than or equal to 60.

10. To find the details of student whose name is ‘Ram’ and his major should not be ‘IT’.

11. To find the details of student who belongs to ‘CIVIL’ major, and whose name is not ‘Kesavan’.

12. To find the name and dob of all the students of ‘MECH’ major and program ‘BTech’.