MCA Sem –II, 2020-2021
CSC26: Lab-III (OOP)

<u>Assignment III</u> (Last Date: 30-5-2021)

1. Write a program to implement the usage of **static data members** and **static member functions** of a class.

2. Write a program to generate results for 10 students using two classes **Student** and **Exam**. *Student* class contains- stud_*roll, stud_name, course_name, dob* as data members and *getrec(), modifyrec(), printrec()* as member functions. *Exam* class contains- *exam_name, paper_name, paper_code, marks_obtained, total marks, grades* as data members and *getmarks(), modifymarks(),printresult()* as member functions.

3. Write a program to implement the member functions of a Class **Shape** having the same name, c*alculate_area()* for calculating the area of a Triangle, Rectangle and Circle using the concept of **Function overloading**.

4. Write a program to convert a distance entered in *Feet and Inches* to *Meters* using class to basic data type conversion.