**III Sem MSc C# and .NET Program List**

**Console Applications**

1. C# Program to Copy a Section of One Array to Another.
2. Write a c# program in console application to illustrate command line arguments.
3. C# Program to Convert Infix to Postfix.
4. C# program to check whether the entered year is a Leap year or not.
5. C# program to reverse a String with Predefined functions.
6. C# Program to Demonstrate Multiple Exceptions (arithmetic calculations).
7. C# Program to Demonstrate Boxing and Unboxing Operations.
8. C# Program to Use Delegate to Call 2 Methods within which First method Prints to Console and Second Method Prints to File.
9. C# program to process the results of a particular course you are familiar with using interfaces and properties.
10. C# Program to Illustrate Methods of FileInfo Class.
11. C# Program to Illustrate Pascal Triangle.
12. C# Program to Calculate the Series sin(x)=x-x^3/3!+x^5/5!-x^7/7!+……
13. C# Program to Display Upper Triangular and Lower Triangular Matrix.
14. C# Program to Display the IP Address of the Machine.

**Windows Application**

1. Program to Get 2 Arrays as Input and Produce a 3rd Array by appending one to other.
2. Program to Produce a Filtered Sequence of Elements that Contain only One Property of Each Student.
3. Program to Read Data from Stream and Cast Data to Chars.
4. Program to Display the Abbreviation of a Text.
5. Program to Demonstrate Transactions using Interface.
6. Design a C# Windows Application program to implement keyboard event and mouse event.
7. Develop a winform application to create a Digital clock.
8. Develop a C# winform application for creating paint window.
9. Develop a winform application program for Prefix Game.
10. Create a note taking windows form application.
11. Design a windows form application to upload and download files.
12. Design a quiz program in windows application.
13. Design a web application form using ads rotator control and create effective assignment.
14. Creating Game Tic Tac Toe with WPF.
15. Develop an ASP.NET application program to create a Sign-Up page using validation controls.
16. Create a modal popup extender using C# ASP.NET.