**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2018-19)**

**Class: Msc-IT(3rd Sem) Name of the Teacher: Sarbjit kaur**

**Subject:.NET FRAMEWORK AND C# Period : 2nd(3-6days)**

**Paper : MS - 32 Room No : 202**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | | **Date Upto** | **Topics to be covered** |
| Week 1 | **(For ongoing classes)** | | | **Introduction to .NET environment:** The .NET strategy, the origins of the .NET technology |
| July 24, 2018 | | July 28, 2018 |
| Week 2 | July 30, 2018 | August 4, 2018 | | the .NET framework,  the common language runtime, framework base classes, user and programs interface |
| Week 3 | August 6, 2018 | August 11, 2018 | | visual studio .NET, .NET  languages, benefits of the .NET approach |
| Week 4 | August 13, 2018 | August 18, 2018 | | **Introduction to C#** :Introducing C#, Overview of C#, Literals, Variables, Data Types, Operators, Expressions,Branching, Looping, Methods, Arrays, |
| Week 5 | August 20, 2018 | August 25, 2018 | | Strings, Structures, Enumerations, difference between C++ and C#, difference  between Java and C# |
| Week 6 | August 27, 2018 | September 1, 2018 | | Classes, Objects, Inheritance, Polymorphism, Interfaces |
| Week 7 | September 3, 2018 | September 8, 2018 | | Operator Overloading,  Delegates, Events, Errors and Exceptions. |
| Week 8 | September 10, 2018 | September 15, 2018 | | I/O: System. I/O, Streams, TextWriter, TextReader, BinaryWriter, Binary Reader,  File Stream, File |
| Week 9 | September 17, 2018 | September 22, 2018 | | Serialisation: Binary, SOAP, XML and Custom Serialisation. |
| Week 10 | September 24, 2018 | September 29, 2018 | | Writing Windows Forms Applications: Understanding Windows Forms, Window form controls |
| Week 11 | October 1, 2018 | October 8, 2018 | | Menus, MDI Forms,  Using Inheritance in Windows Forms, Using Common Dialog Controls |
| **MID SEMESTER EXAMINATION (October 11, 2018 to October 17, 2018)** | | | | |
| Week 12 | October 20, 2018 | October 27, 2018 | | Deploying Windows Forms Applications:  Introduction to deployment, Click Once deployment, Creating an Installation Package for project |
| Week 13 | October 29, 2018 | November 3, 2018 | | Introduction to ASP.NET, Using  Validation Controls, |
| Week 14 | November 5, 2018 | November 10, 2018 | | Managing State in ASP.NET Web Applications, |
| Week 15 | November 12, 2018 | November 17, 2018 | | Deploying ASP.NET Applications with  Windows Installer. ADO .NET Architecture, Components, Database, |
| Week 16 | November 19, 2018 | November 22, 2018 | | DataReader, DataAdapter,  DataSet, |
| Week 17 | November 26, 2018 | December 1, 2018 | | Viewing data using Data Grid View Control, Creating Applications |