

POST GRADUATE GOVT. COLLEGE, SECTOR-46, CHANDIGARH,

WEEKLY TEACHING SCHEDULE (2022-2023)

CLASS: BCA 6th sem SUBJECT: Application Development using VB.Net

Sr. No.	Date (From-Upto)	Topics to be Covered
Week-1	16-21 st January, 2023	Overview of the Visual Studio .NET IDE: Introduction to .NET Framework and the Common Language Runtime,
Week-2	23-28 th January, 2023	Introduction to Visual studio.NET IDE: Menu Bar and Tool Bar, Solution Explorer, Toolbox, Using different controls of Toolbox and their commonly
Week-3	30 Jan -04 th February, 2023	used properties and methods: TextBox, Label, Check Box, Radio Button, Button, Frame, List Box, Combo Box, Picture, Image, Shape, Drive, File, directory related controls, Introduction to Menus
Week-4	06-11 th February, 2023	Basics of VB.Net: Constants, Variables, data types, assignment operator, Operators: Arithmetic, Relational and logical operators, Assignment operators
Week-5	13-18 TH February, 2023	Control structures: If, if/then/else selection structures, Select case Multiple-selection structure, While, do while, do until, For/Next repetition structure Procedures
Week-6	20-25 TH February, 2023	Introduction, sub Procedures, function procedures, event procedures, commonly used Form events, msgBox function, InputBox function.
Week-7	27 Feb – 4 th March, 2023	Arrays and Strings: declaring and allocating Arrays, Using Strings and String functions: len, right, left, ucase, lcase, ltrim, trim
Week-8	6-11 th March, 2023	Control Arrays: Introduction, creating and using Control Arrays
Week-9	13-18 th March, 2023	MID SEMESTER EXAMINATIONS
Week-10	20-25 th March, 2023	Writing ASP .NET applications and Deploying ASP .NET Applications: Introduction to ASP.NET, Difference between ASP and ASP.NET
Week-11	27 March -01 st April, 2023	Validation Controls : Required Field Validator, Range Validator, Compare Validator, Regular Expression

		Validator, Custom Validator ,Validation Summary;
Week-12	03-8 th April, 2023	Managing State in ASP.NET Web Applications using Session object, Cookie and Query String ,Creating ASP.NET application, Deploying ASP.NET Applications with Windows Installer, Introduction to Web Services.
Week-13	10-15 th April, 2023	Accessing Data with ADO.NET: Understanding ADO.net, ADO.NET Object model: Connected model and Disconnected model, architecture, components
Week-14	17-22 nd April, 2023	Understanding Provider classes, using Data Reader to read data from database, Data Adapter and Data sets, Using DataAdapter for Data Navigation
Week-15	24-28 th April, 2023	Data Manipulation, connecting to and querying a data source, using Data Grid view control with ADO.NET data sources


 Signature Subject Teacher