Lesson Plan
Session (2024-2025)

Class: B.C.A 5th SEM **Name of the Teacher: Prof. Shilpa Bajaj**
Subject: ASP.net Technologies **Period:4th (11:30am-12:10pm)**
Course: BCA-0504 **Room No: 262(Monday to Saturday)**

S. No	Dates	Topics to be covered
Admissions of B.C.A	20-05-2024 to 10-06-2024	**Admissions**
Week 1	15-07-2024 to 17-07-2024	Orientation programme
Week 2	18-07-2024 to 26-07-2024	Introducing .NET: Microsoft web development, Move from workstation to distributed computing, Internet factor, importance of.net platform0 OS neutral environment.
Week 3	29-07-2024 to 03-08-2024	.NET framework: Common language runtime(CLR), code management and execution, security support, error handling and garbage collection,.net framework class libraries0System classes, data and XML classes, windows form and drawing classes, web classes.
Week 4	05-08-2024 to 10-08-2024	Features of .NET framework: ASP.NET web forms and web services0 Web page authoring & server controls, ASP.NET infrastructure.
Week 5	12-08-2024 to 17-08-2024	VB.NET : Introduction, statement, lines, comments, operators, procedures, variables0 implicit, explicit, constants, parameters, arrays, branching, looping, objects, classes, inheritance, accessibility of inherited properties and methods, overriding methods.
Week 6	20-08-2024 to 24-08-2024	System class, working with numbers, manipulating strings, DateTime arithmetic, converting values, formatting values, managing arrays.
Week 7	27-08-2024 to 31-08-2024	Namespace and assemblies, Relating namespaces and DLL assemblies, creating assemblies, importing assemblies, using imported assemblies, compiling with imported namespace.
Week 8	02-09-2024 to 07-09-2024	ASP.NET Web Forms: Web forms code model, In-page vs. Code0behind format, web form object life cycle, handling client side events on the server.
Week 9	09-08-2024 to 14-08-2024	Web form event handling, define and respond web form control events, AutoPostBack property, automatic state management with web forms.
Week 10	02-09-2024 to 07-09-2024	HTML sever control: definition, RunAt sever attribute, HTML control class, General controls-Anchor, image, form, division, span, Table control, Input Control.
Week 11	16-09-2024 to 21-09-2024	Web server Control: Web Control class, General control- Hyperlink, link button, image, label, Panel, Form Controls, Table controls.
Week 12	23-09-2024 to 28-09-2024	Web form List Control: Simple List controls, Template List controls. Validation Controls: Definition, properties and methods of validation controls, validation controls 0 RequiredFieldValidator, CompareValidator, RangeValidator, RegularExpressionValidator, CustomValidator, ValidationSummary.
Week 13	30-09-2024 to 05-10-2024	**Minor Test**
Week 14	28-09-2024 to 30-09-2024	User Controls: Definition, Markup0Only User Control, Custom properties.
Week 15	01-10-2024 to 19-10-2024	Device independence, wide language support, internet based component services, Handling events and loading user controls dynamically.
Week 16	29-10-2024 to 03-11-2024	**Diwali Break**
Week 16	04-11-2024 to 09-11-2024	Revision , Student's Presentation and Doubt Clearing Session, Remedial Classes
Week 17	11-11-2024 onward	**Practical and Term End Examination**

Practical Plan
Session (2024-2025)

Class: BCA 5th Sem.　　　　　　　　　　　**Name of the Teacher: Prof. Shilpa Bajaj**
Subject: ASP.net Technologies Lab-IX　　　　　**Code: BCA0504(P)**
LABS: Lab-I, Lab-II

Serial No.	Month	List of Practicals
Practical:1-10	August	Basic programs using forms (Addition, subtraction, multiplication, division, area of rectangle, circle, square, triangle).
Practical:11-20	September	Conditional statements programs using forms (if, if-else, nested if else, else if ladder, select case). Looping statements using forms (for loop, while loop, do-while loop).
Practical:21-30	October	Arrays using forms(Matrix addition, matrix multiplication, Transpose, linear search, binary search), Functions, Date and time functions, Validation controls

Coordinator BCA　　　　　　　　　　　　　　　　　　　　**Principal**