

SATYUG DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY, FARIDABAD
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Lesson Plan / Teaching Plan / Lecture Plan with Progress : BCA - VI Semester : 2025-26

Name (Code): C# Programming/ BCG-302-V

Faculty : Ms.Nisha arora

Topics / lectures are arranged in sequence - same - as to be taught in the class. Maintain data related to "Date" in its hard copy.

S. No.	Lecture No	Topic Description	Teaching Pedagogy	Reference Material
1	1	The origin of .NET,	PPT	Text book/Web source
2	2	Basics of .Net Framework & its Key design goals,	PPT	Text book/Web source
3	3	3-tier architecture,	PPT	Text book/Web source
4	4	managed code, assemblies,	PPT	Text book/Web source
5	5	CLR,	PPT	Text book/Web source
6	6	IL,	PPT	Text book/Web source
7	7	JIT,	PPT	Text book/Web source
8	8	.NET framework class library,	PPT	Text book/Web source
9	9	common type system,	PPT	Text book/Web source
10	10	common language specification,	PPT	Text book/Web source
11	11	Inter-operability among managed and unmanaged code,	PPT	Text book/Web source
12	12	Understanding C# Environment,	PPT	Text book/Web source
13	13	Basics of C#, Literals,	PPT	Text book/Web source
14	14	Variables and Data Types,	PPT	Text book/Web source
15	15	Operators and Expressions,	PPT	Text book/Web source
16	16	Decision Making and Branching,	PPT	Text book/Web source
17	17	Looping and C# Methods.	PPT	Text book/Web source
18	18	Classes, Arrays,	PPT	Text book/Web source
19	19	String Handling,	PPT	Text book/Web source
20	20	Structures & Enumerations,	PPT	Text book/Web source
21	21	Inheritance,	PPT	Text book/Web source
22	22	Method Hiding and Overloading,	PPT	Text book/Web source
23	23	Abstract Classes,	PPT	Text book/Web source
24	24	Interfaces	PPT	Text book/Web source
25	25	Events and Delegates,	PPT	Text book/Web source
26	26	Managing Errors & Exceptions	PPT	Text book/Web source
27	27	Architecture of ADO.Net,	PPT	Text book/Web source
28	28	Comparison with ADO,	PPT	Text book/Web source
29	29	ADO.Net Object Model,	PPT	Text book/Web source
30	30	Net Data provider	PPT	Text book/Web source
31	31	Data Adapter,	PPT	Text book/Web source
32	32	Data Set	PPT	Text book/Web source
33	33	Data Row,	PPT	Text book/Web source
34	34	Data Column	PPT	Text book/Web source

35	35	Data Relation,	PPT	Text book/Web source
36	36	Command	PPT	Text book/Web source
37	37	Data Reader	PPT	Text book/Web source
38	38	Connecting to Database,	PPT	Text book/Web source
39	39	Accessing & Manipulating Data and Performing Data Updates	PPT	Text book/Web source

Course Outcomes (COs)

COx	
1	
2	
3	
4	