

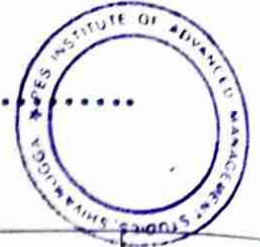


**LOG BOOK**

Name of the Faculty : Roopa D-S.  
Department : Computer Science  
Academic Year : 2019-2020 Semester: Odd / Even Even Semester  
Subject Code : BCA62.  
Subject Name : Dot Net Programming

VI

With effect from ... December 2019... to April 2020...



CLASS TIME TABLE

PERIOD DAY	1	2	3	4	5	6	7	8
MON		CN (AEM)	.Net C# (RDS)	Unix (PKR)	↑	← Project Lab →		
TUE		CN (AEM)	Unix (PKR)	.Net C# (RDS)		← Project Lab →		
WED		Unix (PKR)	.Net C# (RDS)	CN (AEM)		← Project Lab →		
THU		.Net C# (RDS)	Unix (PKR)	CN (AEM)	↓			
FRI		Project	Presentation					
SAT								

INDIVIDUAL TIME TABLE

PERIOD DAY	1 9:30-10AM	2 10:30-11AM	3 11:30-12PM	4 1:30-2:30 PM	5	6	7	8
MON			.Net C#		↑			
TUE				.Net C#				
WED			.Net C#					
THU		.Net C#			↓			
FRI								
SAT								

## DETAILED SYLLABUS

Unit I : Introduction to C# & .Net Platform & Building C# Applications

Hours required as per Syllabus: 08 hours

Introduction to C# and .Net Platform : .Net Solution, Building blocks of the .Net Platform (CLR, CTS, CLS), Role of .Net base class Libraries, .Net Aware Programming language, role of Common Intermediate languages & Type metadata and assembly manifests, A tour of the .Net namespaces.

Building C# Applications: Role of the Command line Compiler (CSC.exe), using the Visual Studio .Net IDE & its debugging, C# Building a C# application using CSC.exe, Command line debugger (Cordlog.exe), C# Pre-processor directives.

Unit II C# Language Fundamentals

Hours required as per Syllabus: 10 Hours

Anatomy of a basic C# Class, Creating Objects : Constructor basics, Default Assignments & Variable Scope, variable initialization syntax, basic inputs & Outputs with the Console Class, understand static methods, arrays and String manipulations, Encapsulation Services, Class Properties, Read and Write only Properties, Static Properties, Inheritance is As keyword Usage, Controlling Base Class Creation with Base, Sealed Classes, Delegation, Polymorphism, The Virtual and Override keywords, Abstract Classes, Abstract Methods.

## DETAILED SYLLABUS

### Unit III Exceptions & Collections

Hours required as per Syllabus:

10 Hours

The Basics of Object Life Time, Exception & Object life time, The Role of Application roots, Understanding Object Generations, The Role of .Net Exception handling, Throwing a Generic Exception, Properties of Exception, Multiple Exception (Concept Only), The Finally Block, Interface & Collections: Definition, Implementing an interface in C#, Interface members at Object level, Interface as Parameters, Interface as Return Values, Array of Interface Types, Interface Hierarchies, Interface as Polymorphic Agents, Exploring the System, Collections Namespaces.

### Unit IV Introducing Windows Forms

Hours required as per Syllabus: 10 Hours

Overview of the System, Windows, Forms Namespaces, An Anatomy of a Form, A Simple Form Program, Function with Control Class, The functionality of the form class, Component class, Control Class, Programming with Windows Forms Control: Working with Button types, Check Boxes, Radio Button, Group Boxes, List Boxes, Calendar Control, Assigning tool tips for Controls

## DETAILED SYLLABUS



### Unit V Data Access with ADO.Net

Hours required as per Syllabus: 10 hours

The two faces of ADO.Net, Understanding ADO.Net Data Providers, Understanding the Connected Layer of ADO.Net, Working with Connection Object, Inserting, Updating & Deleting Records.

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### Unit VI

Hours required as per Syllabus:

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**LESSON PLAN AND ACTUAL DELIVERY**



Unit: Introduction to C# & .Net Platform & Building C# Applications

Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
1.	Syllabus Discussion	9/12/2019	11 To 12 PM	9/12/2019	11 To 12 PM
2.	Introduction, Building Blocks of the .Net Platform	10/12/19	12 To 1 PM	10/12/19	12 To 1 PM
3.	Explanation	11/12/19	11 To 12 PM	11/12/19	11 To 12 PM
4.	Role of .Net Base Class Library	12/12/2019	10 To 11 AM	12/12/19	10 To 11 AM
5.	.Net Aware Programming Language, Role of CLR	16/12/19	11 To 12 PM	13/12/19	10 To 11 AM

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HOD 24/12/19

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
LESSON PLAN AND ACTUAL DELIVERY

Unit: Introduction to C# & .Net Platform & Building C# Application



Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
6.	Type Metadata & Assembly Manifest	17/12/19	12 To 1 PM	23/12/19	11 To 12 PM
7.	.Net Name Spaces, Role of the CSC.exe, Building a C# appln. Using CSC.exe.	18/12/19	11 To 12 PM	24/12/19	12 To 1 PM
8.	Command Line Debugger (CORDBG.exe)	19/12/19	10 To 1 PM	26/12/19	10 To 11 AM
9.	Debugging, using .Net IDE	23/12/19	11 To 12 PM	27/12/19	10 To 11 AM
10.	C# Preprocessor Directives	24/12/19	12 To 1 PM	30/12/19	11 To 12 PM Bangalore 30/12/19

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LESSON PLAN AND ACTUAL DELIVERY



Unit: C# Language Fundamentals  
Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
11.	Unit Test	26/12/19	10 To 1 PM	30/12/19	12 To 1 PM
12.	Anatomy of basic C# class, Creating objects, basic I/O with the Console class	30/12/19	12 To 1 PM	31/12/19	12 To 1 PM
13.	Data Types, value types, Reference types	31/12/19	12 To 1 PM	1/1/2020	11 To 12 PM
14.	Data Types - Simple Programs	1/1/2020	11 To 12 PM	2/1/2020	10 To 11 AM
15.	Simple Programs	2/1/2020	10 To 11 AM	03/1/2020	10 To 11 AM

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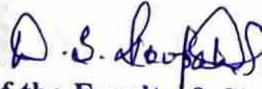
LESSON PLAN AND ACTUAL DELIVERY



Unit: C# Language Fundamentals

Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
16.	Implicit & Explicit Conversion Programs	6/1/2020	11 To 12 PM	13/1/2020	11 To 12 PM
17.	Output Keyword, Programs	7/1/2020	12 To 1 PM	16/1/2020	10 To 11 AM
18.	Introduction To Arrays Simple Programs	8/1/2020	11 To 12 PM	17/1/2020	10 To 11 AM
19.	Arrays 1D Example Programs Multidimensional Programs Array & Array list Programs	9/1/2020	10 To 11 AM	17/1/2020	17 To 12 PM
20.	Arrays, 1D, Multidimensional, Jagged arrays Example Programs String Manipulation Methods	13/1/2020	11 To 12 PM	20/1/2020	11 To 12 PM

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LESSON PLAN AND ACTUAL DELIVERY



Unit: C++ Language Fundamentals  
Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
21.	String Manipulation, String Class, String Builder Class, methods & Properties	14/1/2020	12 To 1 PM	21/1/2020	12 To 1 PM
22.	Constants, Read only and Static Keywords Usage, Static Methods, Static Properties, Static Constructors	16/1/2020	10 To 11 AM	22/1/2020	9 To 10 AM
23.	Encapsulation, Class Properties, Read and Write Only Properties	20/1/2020	11 To 12 PM	22/1/2020	11 To 12 PM <u>Pokesh</u>
24.	Controlling Base Class Creation with Base Class, Sealed Classes, Delegation Inheritance Is As	21/01/2020	12 To 1 PM	24/1/2020 11 To 12 PM 27/1/2020 9 To 10 AM 27/1/2020 11 To 12 PM	
25.	Polymorphism, The Virtual & Override Keywords Examples.	22/01/2020	11 To 12 PM	29/1/2020	11 To 12 PM

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LESSON PLAN AND ACTUAL DELIVERY



Unit: 3 Exceptions & Object Life Time & Interfaces & Collections  
Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
26.	Abstract Classes, Abstract Methods Example Program. Interfaces	23/1/2020	10 To 11 AM	27/1/2020	10 To 11 AM
27.	Exception & Object Life Time: The Basis of Object Life Time, The Role of Application roots, Understanding Object Generations	27/1/2020	11 To 12 PM	27/1/2020	11 To 12 PM
28.	The Role of .Net Exception handling Throwing a Generic Exception, Catching Exceptions	28/1/2020	12 To 1 PM	29/1/2020	11 To 12 PM
29.	Properties of Exception handling, Multiple Exceptions (Concept Only)	29/1/2020	11 To 12 PM	5/2/2020 6/2/2020	11 To 12 PM 9 To 10 AM
30.	The Finally Block. Interfaces: Definition, Implementing an Interface in C#, Interface Members at Object Level	3/2/2020	11 To 12 PM	6/2/2020	10 To 11 AM

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**LESSON PLAN AND ACTUAL DELIVERY**



Unit: 3 Exceptions & Object life time & Interface & Collections

Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
31.	Interface AS Parameters , Interface AS return Values , Example Program	4/2/2020	12 To 1 PM	7/2/2020	10 To 11 AM
32.	Arrays of Interface Types , Example Program	5/2/2020	11 To 12 PM	7/2/2020	12 To 1 PM
33.	Hierarchies, Interface as Polymorphic Agents	6/2/2020	10 To 11 AM	10/2/2020 10/2/2020	10 To 12 PM 12 To 1 PM
34.	Collections Namespace	10/2/2020	11 To 12 PM	10/2/2020 11/2/2020	9 To 10 AM 11 To 12 PM
35.	Collections Namespace	11/2/2020	12 To 1 PM	11/2/2020 11/2/2020 12/2/2020 13/2/2020	9 To 10 AM 12 To 1 PM 9 To 10 AM 11 To 12 PM

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## LESSON PLAN AND ACTUAL DELIVERY



Unit: 4 Introducing Windows Forms

Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
36.	Unit Test	12/2/2020	11 To 12 PM	—	—
37.	Overview of the System, Windows, Form Namespace. An Anatomy of a Form	13/2/2020	10 To 11 AM	19/2/2020	11 To 12 PM
38.	A Simple Program - Form, Function with Control Class	17/2/2020	11 To 12 PM	20/2/2020	10 To 11 PM
39.	The Functionality of the Form Class, Example Program	18/2/2020	12 To 1 PM	20/2/2020	11 To 12 PM
40.	Component Class, Control Class its Usage	19/2/2020	11 To 12 PM	27/2/2020	10 To 11 AM

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LESSON PLAN AND ACTUAL DELIVERY



Unit: Introducing Window Forms  
 Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
41.	Button Types, Example Program	20/2/2020	10 To 11 AM	27/2/2020	12 To 1 PM
42.	Check Box - Example Program	24/2/2020	11 To 12 PM	28/2/2020	11 To 12 PM
43.	Group Boxes - Example Program	25/2/2020	12 To 1 PM	29/2/2020	11 To 12 PM
44.	List Box - Example Program	26/2/2020	11 To 12 PM	29/2/2020	11 To 12 PM
45.	Calendar Control, Assigning Tooltips for Controls - Example Program	27/2/2020	10 To 11 AM	5/3/2020	10 To 11 AM

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## LESSON PLAN AND ACTUAL DELIVERY



Unit: 5 Data Access with ADO, Net

Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
46.	Unit Test	5/3/2020	10 To 12 PM	—	—
47.	The two faces of ADO.NET, ADO.Net Data Providers	9/3/2020	12 To 12 PM	9/3/2020	11 To 12 PM
48.	Connected Layer of ADO.Net	10/3/2020	12 To 12 PM	9/3/2020	11 To 12 PM
49.	Working with Connection Object	10/03/2020	11 To 12 PM	10/3/2020	12 To 1 PM
50.	Example Program Creating a Database.	12/3/2020	10 To 11 AM	10/3/2020	12 To 1 PM

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Unit:  
Objective:

Sl. No.	Details of the topics	Planned		Actual	
		Date	Period	Date	Period
51.	Creating & Inserting a Table Example Program	19/03/2020	11 To 12 PM	12/3/2020	10 To 11 AM
52.	Updating a Table - Example Program	18/3/2020	12 To 1 PM	12/3/2020	10 To 11 AM
53.	Deleting a row - Example Program	18/3/2020	11 To 12 PM	13/3/2020	11 To 12 PM
54.	Querying a Table - Example Program	19/3/2020	10 To 11 AM	13/3/2020	11 To 12 PM
55.	Revision	23/3/2020	11 To 12 PM	—	—

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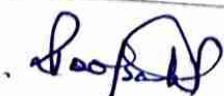
# LESSON PLAN AND ACTUAL DELIVERY



Unit:

Objective:

Sl. No.	Details of the topics	Planned		Date	Period
		Date	Period		
56.	Unit Test	24/3/2020	12:30 PM	—	—
57.					
58.					
59.					
60.					

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SELF ANALYSIS OF SYLLABUS COVERAGE



Unit	Duration	No. of Hours		No. of Hours Deviated	Reason for Deviation	Initials of Faculty	Remarks	Initials of HOD/Principal
		Planned	Actually Taken					
UNIT I	From:	9/12/2019	9/12/2019	—	—	30/12/19		
	To:	24/12/2019	30/12/2019					
UNIT II	From:	30/12/2019	31/12/2019	+02	Coding Examples were given more.	23/1/2020		
	To:	22/01/2020	27/01/2020					
UNIT III	From:	23/1/2020	27/01/2020	+06	Programming was done more.	13/2/2020		
	To:	11/2/2020	13/2/2020					
UNIT IV	From:	13/2/2020	19/2/2020	—	—	5/3/2020		
	To:	27/2/2020	5/3/2020					
UNIT V	From:	9/3/2020	9/3/2020	—	—	13/3/2020		
	To:	19/3/2020	13/3/2020					
UNIT VI	From:	/						
UNIT VII	To:							

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## PLANS FOR PORTIONS COVERAGE



Sl. No.	Syllabus Details	Proposed	No. of Units Covered
1.	Up to Internal Test-I	I & II Units	02 Units
2.	Up to Internal Test-II	III & IV Units	02 Units
3.	Up to Semester End	V Unit	01 Unit

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### PORTIONS COVERED ACTUALLY

DURATION		END OF 1 <sup>st</sup> MONTH	END OF 2 <sup>nd</sup> MONTH	END OF 3 <sup>rd</sup> MONTH	END OF SEMESTER
DETAILS					
COVERAGE IN TERMS OF	UNITS	01	02 1/4 Units	3 <sup>rd</sup> & 4 <sup>th</sup> Chapters	05.
	% OF NO. OF UNITS	20%.	45%.	75%.	100%.
SIGNATURE OF FACULTY		 24/12/19	 29/1/2020	 27/2/2020	 23/3/2020
SIGNATURE OF HOD					
SIGNATURE OF PRINCIPAL					

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### INTERNAL MARKS

**Note:** The allotments of Internal Assessment Marks are as per requirement of the course.



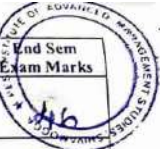
Sl. No.	Register No.	Name of the Student	IA Test-I	IA Test-II	Missed IA	Skill Development	Seminar	Attendance	Total	End Sem Exam Marks
1	BC170906	Anusha A. B.	19	20	(80) (20)				20	75
2	BC170922	Chethan N.	AB	11	24 1/2				12	30
3	BC170927	Deepika	15	16					16	56
4	BC170930	Harsha M Sajjan	AB	18	28 1/4				13	41
5	BC170939	Madhve Gowda K. S.	12	14					13	60
6	BC170949	Nandish S. H.	AB	AB	24 1/2				12	41
7	BC170951	Navya T. U.	14	18					16	48
8	BC170953	Neha C. N.	11	17					14	54
9	BC170955	Nikhil B. L.	AB	AB	24 1/2				12	22
10	BC170956	Nikhil S.	AB	AB	24 1/2				12	40
11	BC170957	Nikitha V. S.	12	17					15	83
12	BC170959	Pallavi N. V.	13	17					15	62
13	BC170960	Paal Shreyas	13	17					15	43
14	BC170963	Poorvika K. V.	15	13					14	54
15	BC170965	Prajwal Saraj S.	15	19					17	41

Sl. No.	Register No.	Name of the Student	IA Test-I	IA Test-II	Missed IA	Skill Development	Seminar	Attendance	Total	End Sem Exam Marks
16	BC170966	Paathama U	12	15					13	74
17	BC170967	Priya D.	11	15					13	71
18	BC170968	Priya V.	18	20					19	68
19	BC170969	Priyanka C.	13	18					16	64
20	BC170970	Priyanka T.M	14	13					14	70
21	BC170971	Punith N.S.	12	13					13	65
22	BC170973	Rahul R.	AB	10	24	12			12	59
23	BC170975	Rakesh R.	AB	12	26	13			13	55
24	BC170977	Rakshitha C	15	20					18	71
25	BC170981	Renuka N.B	14	15					15	58
26	BC170984	Sachin Shwasshardn	AB	09	27	14			12	52
27	BC170985	Sagar K.	08	AB	31	16			12	12
28	BC170987	Sakshi Jain	1-7	12					15	55
29	BC170989	Samarth S. Rao	16	19					18	71
30	BC170991	Sanjay P	AB	09	30	15			12	40

Sl. No.	Register No.	Name of the Student	IA Test-I	IA Test-II	Missed IA	Skill Development	Seminar	Attendance	Total	End Sem Exam Marks
31	BC170992	Sanjay R.	AB	10	28 14				12	40
32	BC170993	Sanjay U. V.	AB	10	28 14				12	40
33	BC170994	Sanjaya T. M	AB	14	28 14				14	50
34	BC170995	Santhosh S. M	AB	15	30 15				15	60
35	BC170996	Sharath B. G	14	13					14	48
36	BC170997	Sharath G	12	AB	27 12				12	26
37	BC1701000	Shreya C. O	12	13					13	44
38	BC1701001	Shreyas S. Shetty	AB	AB	24 12				12	52
39	BC1701002	Shreetha B. U.	18	20					19	68
40	BC1701003	Sindhu G. N.	20	16					18	62
41	BC17101005	Suchithra A Sharot	17	16					17	74
42	BC17101006	Suhas S.	AB	10	28 14				12	45
43	BC17101007	Sumana N	15	14					15	50
44	BC171008	Sumukha M. N.	18	11					15	55
45	BC171009	Supraja G. S	15	18					17	65



Sl. No.	Register No.	Name of the Student	IA Test-I	IA Test-II	Missed IA	Skill Development	Seminar	Attendance	Total	End Sem Exam Marks
46	BC171010	Supriya A-S.	08	AB	39	18			12	46
47	BC171011	Suraj R-H.	AB	14	38	18			15	59
48	BC171012	Swathi K-S.	15	17					16	63
49	BC171014	Thakshak S-K.	AB	18	32	16			17	46
50	BC171015	Usha D.	14	19					17	48
51	BC171016	Usha M.	18	20					20	66
52	BC171017	Vanishree U.	12	16					14	43
53	BC171018	Varsha V-R	14	13					14	45
54	BC171021	Naveen Kumar S. S.	13	18					16	56
55	BC171022	Pallavi Naik	19	20					20	79
56	BC171076	Rakshith	AB	AB	24	12			12	21
57	BC1710		54	82	29					
58										
59										
60										



**COMPARITIVE STATEMENT - PERCENTAGE ANALYSIS**



Sl. No.	PARTICULARS	IA-1	IA-2	MISSED IA	UNIVERSITY EXAM
1	Number of Students attended	38	48	21	55
2	Number of Students Passed	37	48	21	51
3	Number of Students Failed	01	00	00	04
4	Number of Students Absent	18	08	00	01
5	Pass Percentage	97.3%	100%	100%	92.73
6	Pass Marks Average	15	17	14	

**COMPARITIVE STATEMENT - RANGE OF MARKS**

Sl. No.	RANGE OF MARKS	IA-1	RANGE OF MARKS	IA-2	RANGE OF MARKS	MISSED IA	UNIVERSITY EXAM
1	0-7	01	0-7	00	0-14	—	
2	8-12	10	8-12	11	15-24	08	
3	13-16	18	13-16	18	25-32	11	
4	17-20	09	17-20	19	33-40	02	
5							
6							
7							
8							
TOTAL		38		48		21	

**Note:** The range of marks should be defined based on the course.

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*YK*  
Principal





Remedial measures and Corrective Action taken for Result Improvement after each Component of IA Test

**ACTION PLAN**

Examination	Percentage of Failure	Corrective and Preventive Action Proposed	Corrective and Preventive Action Taken
Internal Assessment Test-I	2.63%	Advised to revise and read once again the concepts covered	Work assigned to students & completed.
Internal Assessment Test-II	—	—	—
Missed Internal Assessment Test	—	—	—

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**Counseling Report - 1**  
(To be given to all mentees and failed students of IA Test-I)



Sl. No.	Register No.	Name of the Student	Counseling Details
1	BC170984	Sachin S P	Suggested for reading & revision Constant with in programs
2	BC170978	Rakesh R	Suggested to read constant with ready only
3	BC170973	R. Rahul	asked to read static, constant & read only
4	BC170992	Sanjay R	Advised to read constant read only static
5	BC170993	Sanjay UV	Advised to revise constant read only static
6	BC170995	Santhosh S m	Advised to read constant
7	BC170930	Harsha Sajjan	Suggested to read read only static
8	BC170939	Madhu gowda	Advised to read static constant
9	BC170993	Sanjay UV	Advised to read & solve. Net test op
10	BC170992	Sanjay R	Suggested to solve • Net test op
11	BC170994	Sanjay I m	• Net test
12	BC170975	Rakesh R	• Net test
13	BC170984	Sachin S P	• Net test
14			
15			
16			
17			
18			
19			

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