



# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : BCA

Class : E - 2021 Academic Year : 2019 - 2020 Semester : II

Title of the Paper : C++ programming

Subject Code : 18UCC A21

Theory / Practical

Name of the Teacher : M. H. IBRAHIM

SLNo.	Date & Order	Unit	Topics planned	Covered on
1	09/12/2019 A	I	Introduction.	09/12/19
2	10/12/2019 B		Structures in C	10/12/19
3	12/12/19 D		Structures in C++	12/12/19
4	16/12/19 F		Declaring objects	16/12/19
5	17/12/19 A		The public keyword	17/12/19
6	18/12/19 B		Defining Member functions	18/12/19
7	20/12/19 D		characteristics of Member function	20/12/19
8	23/12/19 F		Outside member function inline	02/01/20 Holiday
9	28/12/19 A		Rules for inline functions	04/01/20 date holiday
10	30/12/19 B		classes, objects, memory	06/01/20 Holiday
11	01/01/2020 D		Static variable, function and object	08/01/20
12	04/01/20 F		Array of objects	07/01/20
13	06/01/20 A	II	Introduction	09/01/20
14	07/01/20 B		Constructor and Destructor	09/01/2020
15	09/01/20 D		'	09/01/2020

Text books :

Reference books :

1. Object Oriented programming
2. with C++ By Bulegurusamy

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	1	Types of Constructor			07-01-2020	07-01-2020
Internal Test	2	I <sup>st</sup> Test Portions I & II	II <sup>nd</sup> Test Portions B & C	III <sup>rd</sup> Test Portions	06-01-2020	10-01-2020

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	13/01/2020 A		Characteristics of constructor &	13/01/20
17	14/01/2020 B		" " destructor	14/01/20
18	20/01/20 D		" "	20/01/20
19	22/01/20 F		Types of constructors	22/01/20
20	24/01/20 A		" "	24/01/20
21	27/01/20 B		" "	28/01/20
22	28/01/20 D		calling constructors & destructors	30/01/20
23	30/01/20 F		" "	01/02/20
24	03/02/2020 A		Qualified & nested classes.	03/02/20
25	04/02/20 B	III	Introduction	04/02/20
26	05/02/20 D		The keyword operator	05/02/20
27	07/02/20 F		overloading unary operators	07/02/20
28	11/02/20 A		overloading Binary operators	11/02/20
29	12/02/20 B		overloading with friend function	12/02/20
30	13/02/20 D		Type conversion	13/02/20
31	15/02/20 F		Rules for overloading operators	15/02/20
32	18/02/20 A		Inheritance & Access Specifiers & simple inheritance	18/02/20
33	19/02/20 B		Protected data with private inheritance	19/02/20
34	20/02/20 D		types of inheritance & single inheritance	20/02/20
35	24/02/20 F		Multilevel and Multiple inheritance	24/02/20
36	26/02/20 A		Hierarchical and Hybrid inheritance	26/02/20
37	27/02/20 B	IV	Introduction	02/03/20
38	28/02/20 D		pointer declaration	04/03/20
39	02/03/2020 F		pointer to class	04/03/20
40	04/03/2020 A		pointer to object	05/03/20

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
41	05/03/20		the -info pointer	06/03/20
42	06/03/2020		pointer to derived and base class	07/03/20
43	10/03/20		Arrays	10/3/20
44	12/03/20		characteristics of Arrays	12/03/20
45	13/03/20		initialization of <sup>array</sup> using <sup>function</sup>	13/03/20
46	16/03/20		Arrays of classes	16/03/2020
47	18/03/20		Binding in C++	18/03/2020
48	20/03/20		pointer to derived class object	20/03/20
49	21/03/20	✓	virtual function and <sup>Rules of fun-</sup> virtual <sup>ctor</sup>	21/03/20
50	23/03/20		pure virtual functions	23/03/20
51	26/03/20		virtual function in derived class	26/03/20
52	30/03/20		file stream classes & <sup>Steps of file</sup> operations	30/03/20
53	31/03/20		checking for errors	31/03/20
54	01/04/2020		finding end of file	01/04/20
55	03/04/20		File opening modes	03/04/20
56	08/04/20		File pointers & manipulators	08/04/20
57	15/04/20		Manipulators with Arguments	15/04/20
58	16/04/20		Sequential read & write operators	16/04/20
59	18/04/20		Binary and ASCII Files	18/04/20
60	21/04/20		Random Access operation.	21/04/20

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**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**  
 Rahmath Nagar, Tirunelveli - 627 011

**Lesson Plan**  
 Academic Year 2019-2020 [Even Semester]

Department: BCA

Class	: III Year
Semester	: IVth
Name of the Faculty	: S.Piramu Kailasam
Title of the Course	: Digital Electronics 2 Principles
Subject Code	: 18UCCA22
Text books	: Digital Computer Fundamentals, By Thomas C.Bartee 6 <sup>th</sup> Edition, McGraw Hill Publication
Reference books	: Digital Principal and Applications By Malvino And Leach, TMH Publications, 5 <sup>th</sup> Edition. Digital Electronics

Sl No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1.	10/12/2019	B	I	Number system	10/12/2019	
2.	11/12/2019	C	I	Binary Addition and Subtraction	11/12/2019	
3.	12/12/2019	D	I	Negative numbers	12/12/2019	
4.	13/12/2019	E	I	Use of Complements to Negative numbers	13/12/2019	
5.	16/12/2019	F	I	Use of Complements to Negative numbers	16/12/2019	
6.	17/12/2019	B	I	Binary complements number	17/12/2019	
7.	18/12/2019	C	I	Binary complements number	18/12/2019	
8.	19/12/2019	D	I	Binary complements number	19/12/2019	
9.	20/12/2019	E	I	BCD	20/12/2019	

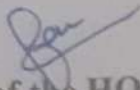
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10.	23/12/2019		I	BCD	23/12/2019 <sup>3</sup>
11.	24/12/2019	F	I	Octal and Hexadecimal number systems.	24/12/2019
12.	25/12/2019	B	I	Octal and Hexadecimal number systems.	25/12/2019
13.	26/12/2019	C	II	Boolean algebra and Gate networks: Fundamental concepts of Boolean algebra	26/12/2019
14.	27/12/2019	D	II	Boolean algebra and Gate networks: Fundamental concepts of Boolean algebra	27/12/2019
15.	30/12/2019	E	II	Logical multiplication - AND, OR gates	30/12/2019
16.	31/12/2019	F	II	Logical multiplication - AND, OR gates	31/12/2019
17.	7/01/2020	B	II	Basic laws of Boolean Algebra	7/01/2020
18.	8/01/2020	C	II	Basic laws of Boolean Algebra	8/01/2020
19.	9/01/2020	D	II	De Morgan's theorem Boolean Algebra	9/01/2020
20.	10/01/2020	E	II	De Morgan's theorem Boolean Algebra	10/01/2020
21.	13/01/2020	F	II	Sum of Products(SOP) and Product of Sums(POS)	13/01/2020
22.	20/01/2020	B	II	Sum of Products(SOP) and Product of Sums(POS)	20/01/2020
23.	21/01/2020	C	II	Map Simplification using Karnaugh Maps - Don't care conditions	21/01/2020
24.	22/01/2020	D	II	Discussion on Maps	22/01/2020
25.	23/01/2020	E	III	Cluster analysis: cluster analysis	23/01/2020

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	2020	F	III	Types of data	24/01/2020
	28/01/2020	B	III	Computing distances-types of cluster	28/01/2020
28	29/01/2020	C	III	Analysis methods - partitioned methods - hierarchical methods	29/01/2020
29	30/01/2020	D	III	Discussion	30/01/2020
30	31/01/2020	E	III	Density based methods - dealing with large databases	31/01/2020
31	3/02/2020	F	III	Discussion	3/02/2020
32	5/02/2020	B	III	Quality and validity of cluster analysis methods	5/02/2020
33	6/02/2020	C	III	Quality and validity of cluster analysis methods	6/02/2020
34	7/02/2020	D	III	Cluster analysis software	7/02/2020
35	8/02/2020	E	III	Discussion	8/02/2020
36	9/02/2020	F	III	Cluster analysis software	9/02/2020
37	13/02/2020	B	IV	Adder	13/02/2020
38	14/02/2020	C	IV	Half Adder - Full Adder	14/02/2020
39	15/02/2020	D	IV	Half Adder - Full Adder	15/02/2020
40	17/02/2020	E	IV	Half Adder - Full Adder	17/02/2020
41	18/02/2020	F	IV	Parallel Binary Adder	18/02/2020
42	20/02/2020	B	IV	Parallel Binary Adder	20/02/2020
43	21/02/2020	C	IV	Parallel Binary Adder	21/02/2020

44	22/02/2020	D	IV	Parallel Binary Adder	22/02/2020
45	23/02/2020	E	IV	BCD Adder - Shift Operation	23/02/2020
46	24/02/2020	F	IV	BCD Adder - Shift Operation	24/02/2020
47	28/02/2020	B	IV	BCD Adder - Shift Operation	28/02/2020
48	2/03/2020	D	V	BCD Adder - Shift Operation	2/03/2020
49	3/03/2020	E	V	Counters: Binary counter	3/03/2020
50	4/03/2020	F	V	Discussion	4/03/2020
51	6/03/2020	B	V	Ripple counter	6/03/2020
52	9/03/2020	C	V	Discussion	9/03/2020
53	10/03/2020	D	V	BCD counter	10/03/2020
54	11/03/2020	E	V	Discussion	11/03/2020
55	12/03/2020	F		Synchronous counter	12/03/2020
56	16/03/2020	B		Asynchronous counters	16/03/2020

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**SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)**

Rahmath Nagar, Tirunelveli - 627 011


Lesson Plan


Academic Year 2019-2020[Even Semester]

Department: BCA

Class	:	II Year
Semester	:	IV
Name of the Faculty	:	S.Mohideen Pillai
Title of the Course	:	ASP.NET Practical
Subject Code	:	18UCCA4P1
ICT Tools used	:	
Text books	:	
Reference books	:	
e-resources	:	

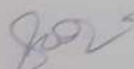
Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on
1.	11.12.2019	C		Create a web form to add controls and display a message	11.12.2019
2.	19.12.2019	C		Create a web form to change the color of the page using drop down list	19.12.2019
3.	31.12.2019	C		Create a page using code behind file	8.1.2020
4.	8.1.2020	C		Create a web form to handle list box's selection change event	8.1.2020
5.	21.1.2020	C		Create a page that takes name and message from the user and choose a color by radio button, select a style from the checkbox and display the formatted text.	21.1.2020
6.	29.1.2020	C		Create a web form and demonstrate the use of hyperlink control	29.1.2020
7.	6.2.2020	C		Create a web form and demonstrate the use of hyperlink control	6.2.2020

  
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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on
8.	14.2.2020	C		Create a web form and demonstrate the use of validation control	14.2.2020
9.	21.2.2020	C		Create a web form and demonstrate the use of validation control	21.2.2020
10.	29.2.2020	C		Create a page that takes number of rows and columns from the user and make a table.	29.2.2020
11.	9.3.2020	C		Create a page that takes number of rows and columns from the user and make a table.	9.3.2020
12.	17.3.2020	C		Create a page which generates a greeting card	
13.	24.3.2020	C		Create a page which generates a greeting card	
14.	2.4.2020	C		Demonstrate use of login controls with web forms for login, create user, password recovery	
15.	17.4.2020	C		Demonstrate use of login controls with web forms for login, create user, password recovery	



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Course: BCA Class: II Year

Academic year: 2019-20

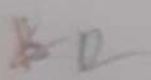
Semester: ~~III~~ IV

Title of the Paper: Web Designing

Subject Code: 18UECA<sup>4</sup>B

Name of the staff: R.Fathima Syreen

Sl.No	Date	Order	Unit	Topics planned	Covered on
1.	09.12.19	A	I	Introduction to HTML	09.12.19
2.	10.12.19	B		Histry of HTML	10.12.19
3.	13.12.19	E		HtmI Documents	13.12.19
4.	17.12.19	A		HtmI Basics	17.12.19
5.	18.12.19	B		HtmI elements and attributes	18.12.19
6.	21.12.19	E		Anchor tag	21.12.19
7.	28.12.19	A		Header Section	28.12.19
8.	30.12.19	B		Body section	30.12.19

  
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18/12/19

Sl. No	Date	Order	Unit	Topics planned	Covered on
9.	03.01.20	E		Colorful web page.	03.01.20
10.	06.01.20	A		Designing Body Sections	06.01.20
11.	07.01.20	B		Formatting Tags	07.01.20
12.	10.01.20	E		Examples for formatting tags	10.01.20
13.	14.01.20	A		Attributes of heading tags	14.01.20
14.	20.01.20	B		Examples of heading tags	20.01.20
15.	23.01.20	E		Horizontal rule	23.01.20
16.	27.01.20	A		Example of HR tags	27.01.20
17.	28.01.20	B		Paragraph settings	28.01.20
18.	31.01.20	E		Tab settings	31.01.20
19.	04.02.20	A	III	Lists	04.02.20
20.	05.02.20	B		Unordered lists	05.02.20
21.	10.02.20	E		Example for unordered lists	10.02.20
22.	12.02.20	A		Example for ordered lists	12.02.20
23.	13.02.20	B		Table handling	13.02.20
24.	17.02.20	E		Attributes of tables	17.02.20
25.	19.02.20	A		Frames	19.02.20
26.	20.02.20	B		Frameset definition	20.02.20
27.	25.02.20	E		Frame definition	25.02.20
28.	27.02.20	A	IV	Forms	27.02.20
29.	28.02.20	B		Action attribute	28.02.20
30.	03.03.20	E		Drop down list	03.03.20
31.	05.03.20	A		Check boxes	05.03.20

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32.	06.03.20	B		Radio buttons	06.03.20
33.	11.03.20	E		Example for checkbox,radio button	11.03.20
34.	13.03.20	A		Example for input tags	13.03.20
35.	16.03.20	B		Hidden-submit&reset buttons	16.03.20
36.	19.03.20	E		Example for buttons	
37.	21.03.20	A	V	CSS selectors	
38.	23.03.20	B		Text & fonts	
39.	27.03.20	E		CSS box model	
40.	31.03.20	A		Margin and padding	
41.	01.04.20	B		Pseudo classes	
42.	07.04.20	E		Javascript overview	
43.	15.04.20	A		Javascript events	
44.	16.04.20	B		Javascript Functions	
45.	20.04.20	E		Cookies	



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Lesson Plan

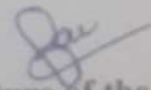
Academic Year 2019-2020[Even Semester]

Department: BCA

Class	: II Year
Semester	: IV
Name of the Faculty	: W.FATHIMA FARSANA
Title of the Course	: RDBMS WITH ORACLE
Subject Code	: 18UACA41
Text books	: Jose. A. Ramalho - Learn Oracle, B.P.B Publications
Reference books	: Database system using oracle - Nileshshah
e-resources	: PDF

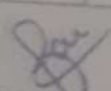
Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1.	9.12.2019	A	I	Introduction to oracle server	9.12.2019	
2.	10.12.2019	B		The Oracle Server	10.12.2019	
3.	11.12.2019	C		Database Structure	11.12.2019	
4.	16.12.2019	F		Logical Database Structures	16.12.2019	
5.	17.12.2019	A		Physical Database Structures	17.12.2019	
6.	18.12.2019	B		Data Types	18.12.2019	
7.	19.12.2019	C		Creating Constraints	19.12.2019	

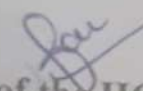
  
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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Re
8.	27.12.2019	F		Creating and Maintaining tables	27.12.2019	
9.	28.12.2019	A		DDL commands	28.12.2019	
10.	30.12.2019	B		DML commands	30.12.2019	
11.	31.12.2019	C		Arithmetic & Logical operators	31.12.2019	
12.	4.1.2020	F		Relational & Comparison operators	CL 6.1.2020	
13.	6.1.2020	A	II	Functions(Built-in-functions)	6.1.2020	
14.	7.1.2020	B		Character Functions Character Functions	7.1.2020	
15.	8.1.2020	C		Numeric Functions	8.1.2020	
16.	13.1.2020	F		Date Functions	13.1.2020	
17.	14.1.2020	A		Conversion and nested functions	14.1.2020	
18.	20.1.2020	B		Group functions	20.1.2020	
19.	21.1.2020	C		Grouping data	21.1.2020	
20.	24.1.2020	F		Having Clause	24.1.2020	
21.	27.1.2020	A	III	Multiple Tables(Inner Join)	27.1.2020	
22.	28.1.2020	B		Outer Join	28.1.2020	
23.	29.1.2020	C		Set Operations	29.1.2020	
24.	3.2.2020	F		Creating Index	3.2.2020	

  
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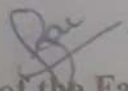



Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
4.2.2020	A		Create a Function-Based Index	4.2.2020	
26. 5.2.2020	B		Collect Statistics on an Index	5.2.2020	
27. 6.2.2020	C		Creating and dropping Sequences	6.2.2020	
28. 11.2.2020	F		Create VIEW	11.2.2020	
29. 12.2.2020	A		Update and drop a view	CL 13.2.2020	
30. 13.2.2020	B	IV	Creating a user	13.2.2020	
31. 14.2.2020	C		Altering and dropping a user	14.2.2020	
32. 18.2.2020	F		Granting Privileges to user	18.2.2020	
33. 19.2.2020	A		Types of Privileges	19.2.2020	
34. 20.2.2020	B		System Privilege	20.2.2020	
35. 21.2.2020	C		Object Privilege	21.2.2020	
36. 26.2.2020	F		Creating Roles	26.2.2020	
37. 27.2.2020	A		Granting Roles	27.2.2020	
38. 28.2.2020	B		Deleting Roles	28.2.2020	
39. 29.2.2020	C		Creating Synonyms	29.2.2020	
40. 4.3.2020	F		Distributed Processing	4.3.2020	
41. 5.3.2020	A		Replications	5.3.2020	

  
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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
42.	6.3.2020	B	V	PL/SQL -Introduction	6.3.2020	
43.	9.3.2020	C		Triggers	9.3.2020	
44.	12.3.2020	F		Types of Triggers	12.3.2020	
45.	13.3.2020	A		Creating a Triggers	13.3.2020	
46.	16.3.2020	B		Creating a Stored Procedures		
47.	17.3.2020	C		Modifying and dropping a Procedure		
48.	20.3.2020	F		Functions(creating)		
49.	21.3.2020	A		Calling a Function		
50.	23.3.2020	B		Recursive functions, Dropping		
51.	24.3.2020	C		Packages		
52.	30.3.2020	F		Creating a Package		
53.	31.3.2020	A		Dropping a Package		
54.	1.4.2020	B		Creating a Cursors		
55.	2.4.2020	C		Removing a cursor		
56.	8.4.2020	F		Transactions		
57.	15.4.2020	A		Revision		
58.	16.4.2020	B		Revision		
59.	17.4.2020	C		Revision		
60.	21.4.2020	F		Revision		

  
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