



# SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011

Online-Class Lesson Plan

Academic Year 2020-2021[Odd Semester]

Department: Computer Science (Unaided)

Class	: I Yr B.Sc Computer Science (Unaided)
Semester	: I
Name of the Faculty	: J. JANNATHUL FIRTHOUS
Title of the Course	: C Programming
Subject Code	: 18UCCS11
ICT Tools used	: Zoom Platform
Text books	: Computing Fundamentals & C Programming – E. Balaguruswamy – Tata McGraw Hill Publication
e-resources	: Unit-1: <a href="https://tinyurl.com/cssfC">https://tinyurl.com/cssfC</a> Unit-2: <a href="https://tinyurl.com/jfCunit2">https://tinyurl.com/jfCunit2</a> Unit-3: <a href="https://tinyurl.com/jfCunit3">https://tinyurl.com/jfCunit3</a> Unit-4: <a href="https://tinyurl.com/jfCunit4">https://tinyurl.com/jfCunit4</a> Unit-5: <a href="https://tinyurl.com/jfCunit5">https://tinyurl.com/jfCunit5</a>

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	24.8.2020	10.30am -11.20am	C	I	Introduction to C Program, C Tokens	31.8.2020	SIP Day-1
2	25.8.2020	12.20pm - 1.20pm	D	"	Keywords and Identifiers, Constants, Variables	31.8.2020	SIP Day-2
3	26.8.2020	8.30am - 9.20am	E	"	Data types, Variables, Constant Declaration	1.9.2020	SIP Day-3
4	27.8.2020	9.30am - 10.20am	F	"	Storage Classes, Assigning values to variables, Symbolic & Variable Constants	4.9.2020	SIP Day-4
5	28.8.2020	11.15am-12.00pm	A	"	Arithmetic Operators and its Examples	5.9.2020	Department SIP
6	31.8.2020	10.30am -11.20am	B	"	Relational & Logical Operators	5.9.2020	
7	1.9.2020	10.30am -11.20am	C	"	Assignment, Increment/Decrement Operators	7.9.2020	

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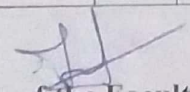
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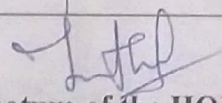
Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	4.9.2020	9.25am - 10.10am	F	I	Conditional, Bitwise, Special Operators	8.9.2020	
9	5.9.2020	11.30am-12.20pm	A	"	Arithmetic Expression & Evaluation of Expression	8.9.2020	
10	7.9.2020	10.30am -11.20am	B	"	Precedence of Arithmetic operators	11.9.2020	
11	8.9.2020	10.30am -11.20am	C	"	Type Conversion in expression	12.9.2020	
12	11.9.2020	9.25am - 10.10am	F	"	Mathematical Functions	14.9.2020	
13	12.9.2020	11.30am-12.20pm	A	II	Introduction to Decision Making Statements	15.9.2020	
14	14.9.2020	10.30am -11.20am	B	"	If, If-Else Statement and it's examples	15.9.2020	
15	15.9.2020	10.30am -11.20am	C	"	Nesting if & Else if Ladder and its examples	18.9.2020	
16	18.9.2020	9.25am - 10.10am	F	"	Switch Statements, Example programs	18.9.2020	
17	19.9.2020	11.30am-12.20pm	A	"	Conditional Operator & Examples	19.9.2020	
18	21.9.2020	10.30am -11.20am	B	"	Looping Statements introduction	19.9.2020	
19	22.9.2020	10.30am -11.20am	C	"	While loop statement and its programs	21.9.2020	
20	25.9.2020	9.25am - 10.10am	F	"	Do..While Statement	21.9.2020	
21	28.9.2020	11.30am-12.20pm	A	"	For loop Statement with examples	22.9.2020	
22	29.9.2020	10.30am -11.20am	B	"	Jumps in looping Statement	22.9.2020	

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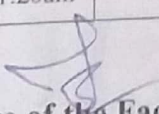
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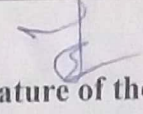
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23	30.9.2020	10.30am -11.20am	C	II	Break, Continue Statement	25.9.2020	
24	5.10.2020	9.30am -10.20am	F	"	Goto Statement with examples	25.9.2020	
25	6.10.2020	11.30am-12.20pm	A	III	Arrays - Introduction & It's types	28.9.2020	
26	7.10.2020	10.30am -11.20am	B	"	One dimensional arrays	28.9.2020	
27	8.10.2020	10.30am -11.20am	C	"	Two dimensional arrays	29.9.2020	
28	12.10.2020	9.30am -10.20am	F	"	Multidimensional arrays	30.9.2020	
29	13.10.2020	11.30am-12.20pm	A	"	Dynamic arrays	30.9.2020	
30	14.10.2020	10.30am -11.20am	B	"	Character arrays	5.10.2020	
31	15.10.2020	10.30am -11.20am	C	"	Strings-introduction	5.10.2020	
32	19.10.2020	9.30am -10.20am	F	"	Declaration, Initialization of Strings	6.10.2020	CIA - I
33	20.10.2020	11.30am-12.20pm	A	"	Reading a string from a terminal	6.10.2020	CIA - I
34	21.10.2020	10.30am -11.20am	B	"	Writing a string	6.10.2020	CIA - I
35	22.10.2020	10.30am -11.20am	C	"	String Handling functions	7.10.2020	CIA - I
36	27.10.2020	9.30am -10.20am	F	"	Examples using String handling functions	7.10.2020	Cancelled
37	28.10.2020	11.30am-12.20pm	A	IV	Functions - Introduction	8.10.2020	
38	29.10.2020	10.30am -11.20am	B	"	Categories of functions	8.10.2020	

  
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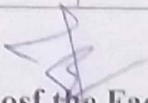
  
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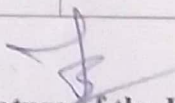
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39	31.10.2020	10.30am -11.20am	C	IV	User defined function	12.10.2020	
40	4.11.2020	9.30am -10.20am	F	"	Defining a function & Calling a function	13.10.2020	
41	5.11.2020	11.30am-12.20pm	A	"	Types of user defined function	13.10.2020	
42	6.11.2020	10.20am -11.05am	B	"	Examples using user defined functions	13.10.2020	
43	7.11.2020	10.30am -11.20am	C	"	Nesting Functions	14.10.2020	
44	11.11.2020	9.30am -10.20am	F	"	Examples using nesting functions	14.10.2020	
45	12.11.2020	11.30am-12.20pm	A	"	Recursive function with examples	15.10.2020	
46	13.11.2020	10.20am -11.05am	B	"	Passing Arrays into functions	28.10.2020	
47	16.11.2020	10.30am -11.20am	C	"	Passing Strings to the functions	28.10.2020	CIA - II
48	19.11.2020	9.30am -10.20am	F	"	Scope ,Visibility & Life time of a variables in a function	29.10.2020	CIA - II
49	20.11.2020	11.15am-12.00pm	A	V	Structures - Introduction	31.10.2020	CIA - II
50	21.11.2020	10.30am -11.20am	B	"	Creating Structures	4.11.2020	CIA - II
51	23.11.2020	10.30am -11.20am	C	"	Accessing Structure members	5.11.2020	CIA - II
52	26.11.2020	9.30am -10.20am	F	"	Arrays of structures & Within structures	6.11.2020	
53	27.11.2020	11.15am -12.00pm	A	"	Unions- Defining & Accessing its members	7.11.2020	
54	28.11.2020	10.30am-11.20am	B	"	Bit fields in C with an examples	11.11.2020	

  
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
55	30.11.2020	10.30am - 11.20am	C	V	Pointers – Introduction, Expression	12.11.2020	
56	3.12.2020	9.30am - 10.20am	F	"	Pointers and arrays	13.11.2020	CIA - III
57	4.12.2020	11.15am - 12.00pm	A	"	Pointers and Character Strings, Array of Pointers	26.11.2020	CIA - III
58	5.12.2020	10.30am - 11.20am	B	"	Pointers and Structures	27.11.2020	CIA - III
59	7.12.2020	10.30am - 11.20am	C	"	Revision	28.11.2020	CIA -I Practical
60	10.12.2020	9.30am - 10.20am	F	"	Revision	30.11.2020	Semester Exam

  
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**Rahmath Nagar, Tirunelveli - 627 011**

**Online-Class Lesson Plan**

**Academic Year 2020-2021 [Odd Semester]**

**Department: Computer Science (Unaided)**

<b>Class</b>	: I B.Sc Computer Science
<b>Semester</b>	: I
<b>Name of the Faculty</b>	: M.YOGASINI
<b>Title of the Course</b>	: Discrete Mathematics
<b>Subject Code</b>	: 18UCCS12
<b>ICT Tools used</b>	: Lap Top, Zoom
<b>Text books</b>	: Discrete Mathematics-Seymour Lipschutz and Marc Lars Lipson-Schanum's Series- 3 <sup>rd</sup> Edition- Tata McGraw Hill Publications
<b>Reference books</b>	: Modern Algebra- Arumugam & Issac, SciTech Publication Graph Theory- Arumugam & Issac, SciTech Publication
<b>e-resources</b>	: <a href="https://drive.google.com/file/d/1wJc4-RK0To3eNqYhmIZbOeRTTtihbvop/view?usp=sharing">https://drive.google.com/file/d/1wJc4-RK0To3eNqYhmIZbOeRTTtihbvop/view?usp=sharing</a>

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	25.08.2020	10.30 AM-11.20 AM	D	I	Set and elements	31.08.2020	
2	26.08.2020	09.30 AM-10.20 AM	E		Universal Set and Empty Set	31.08.2020	
3	28.09.2020	10.30 AM-11.20 AM	A		Subsets	31.09.2020	
4	31.08.2020	08.30 AM-09.20 AM	B		Venn diagram	02.09.2020	
5	02.09.2020	10.30 AM-11.20 AM	D		Set Operations	02.09.2020	
6	03.09.2020	09.30 AM-10.20 AM	E		Algebra of Sets and Duality	05.09.2020	
7	05.09.2020	10.30 AM-11.20 AM	A		Finite, Infinite Sets	05.09.2020	

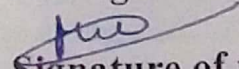
**M. Yogasini**

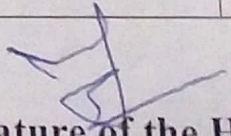
*M. Yogasini*  
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics overed on	Remarks
8	07.09.2020	08.30 AM-09.20 AM	B	I	Counting Principles	07.09.2020	
9	09.09.2020	10.30 AM-11.20 AM	D		The Inclusion-Exclusion Principle	09.09.2020	
10	10.09.2020	09.30 AM-10.20 AM	E		The Inclusion-Exclusion Principle	10.09.2020	
11	12.09.2020	10.30 AM-11.20 AM	A		Classes of Sets	12.09.2020	
12	14.09.2020	08.30 AM-09.20 AM	B		Power Sets	14.09.2020	
13	16.09.2020	10.30 AM-11.20 AM	D		Partitions	16.09.2020	
14	17.09.2020	09.30 AM-10.20 AM	E	II	Product Sets	17.09.2020	
15	19.09.2020	10.30 AM-11.20 AM	A		Relations	19.09.2020	
16	21.09.2020	08.30 AM-09.20 AM	B		Picture Representation of Relations	21.09.2020	
17	23.09.2020	10.30 AM-11.20 AM	D		Composition of Relations	23.09.2020	
18	24.09.2020	09.30 AM-10.20 AM	E		Types of Relations	24.09.2020	
19	28.09.2020	10.30 AM-11.20 AM	A		Types of Relations	28.09.2020	
20	29.09.2020	08.30 AM-09.20 AM	B		Closure Properties	29.09.2020	
21	01.10.2020	10.30 AM-11.20 AM	D		Equivalence Relations	01.10.2020	
22	03.10.2020	09.30 AM-10.20 AM	E		Partial Relations Ordering	03.10.2020	

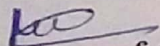
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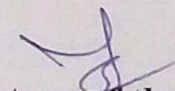
  
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	06.10.2020	10.30 AM-11.20 AM	A	III	Propositions and Compound Propositions	06.10.2020	
24	07.10.2020	08.30 AM-09.20 AM	B		Basic Logical Operations	07.10.2020	
25	09.10.2020	10.30 AM-11.20 AM	D		Propositions and Truth Table	09.10.2020	
26	10.10.2020	09.30 AM-10.20 AM	E		Propositions and Truth Table	10.10.2020	
27	13.10.2020	10.30 AM-11.20 AM	A		Tautologies and Contradictions	13.10.2020	
28	14.10.2020	08.30 AM-09.20 AM	B		Logical Equivalence	14.10.2020	
29	16.10.2020	10.30 AM-11.20 AM	D		Algebra of Propositions	16.10.2020	
30	17.10.2020	09.30 AM-10.20 AM	E		Conditional and Biconditional Statements	17.10.2020	
31	20.10.2020	10.30 AM-11.20 AM	A		Arguments	28.10.2020	I-CIA
32	21.10.2020	08.30 AM-09.20 AM	B		Arguments	29.10.2020	I-CIA
33	23.10.2020	10.30 AM-11.20 AM	D		Logical Implications	29.10.2020	I-CIA
34	24.10.2020	09.30 AM-10.20 AM	E	III	Vectors	02.11.2020	I-CIA
35	28.10.2020	10.30 AM-11.20 AM	A		Matrices, Matrix Addition	28.10.2020	
36	29.10.2020	08.30 AM-09.20 AM	B		Scalar Multiplication	29.10.2020	

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# SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011

## Online-Class Lesson Plan

Academic Year 2020-2021[Odd Semester]

Department: Computer Science (Unaided)

<b>Class</b>	:	I Year
<b>Semester</b>	:	I
<b>Name of the Faculty</b>	:	S.Saral Rizwana
<b>Title of the Course</b>	:	Office Automation
<b>Subject Code</b>	:	18UACS11
<b>ICT Tools used</b>	:	
<b>Text books</b>	:	Microsoft Office-Complete Reference,BPB Publication.
<b>Reference books</b>	:	Learn Microsoft Office-Russell A Stultz, BPB Publication.
<b>e-resources</b>	:	

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	25-8-20	9.30-10.20	D	I	Documentation using MS-Word	31-8-20	Induction Program
2	26-8-20	12.30-1.20	E		Introduction to Office Automation.	31-8-20	
3	27-8-20	8.30-9.20	F		Creating Document.	2-9-20	
	31-8-20	12.30-1.20	B		Editing Document.	2-9-20	
5	2-9-20	9.30-10.20	D		Formatting Document.	2-9-20	
6	3-9-20	12.30-1.20	E		Formatting Document.	3-9-20	
7	4-9-20	8.30-9.20	F		Autotext	4-9-20	


S.Saral Rizwana

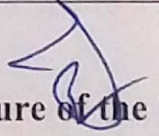
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
37	2-11-20	9.30-10.20	D	IV	Advance features of MS-Excel	2-11-20	
38	3-11-20	12.30-1.20	E		Creating Pivot table.	3-11-20	
39	4-11-20	8.30-9.20	F		Creating Pivot table	4-11-20	
40	6-11-20	12.30-1.20	B		Pivot Chart.	6-11-20	
41	9-11-20	9.30-10.20	D		Pivot Chart.	9-11-20	
42	10-11-20	12.30-1.20	E		Data Sorting.	10-11-20	
43	11-11-20	8.30-9.20	F		Data Sorting.	11-11-20	
44	13-11-20	12.30-1.20	B		Filtering data in Worksheet.	13-11-20	
45	17-11-20	9.30-10.20	D		Filtering data in Worksheet.	24-11-20	II Internal Exam
46	18-11-20	12.30-1.20	E		Validation.	24-11-20	
47	19-11-20	8.30-9.20	F		Goal Seek	24-11-20	
48	21-11-20	12.30-1.20	B		Scenario in Excel.	24-11-20	
49	24-11-20	9.30-10.20	D	V	Presentation using MS-PowerPoint.	24-11-20	
50	25-11-20	12.30-1.20	E		Presentations	25-11-20	
51	26-11-20	8.30-9.20	F		Creating Slides.	26-11-20	

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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
52	28-11-20	12.30-1.20	B		Manipulating slides,	28-11-20	
53	1-12-20	9.30-10.20	D		Enhancing Slides.	1-12-20	
54	2-12-20	12.30-1.20	E		Manipulating slides, Enhancing Slides.	2-12-20	
55	3-12-20	8.30-9.20	F		Word Art.	3-12-20	
56	5-12-20	12.30-1.20	B		Custom Animation.	5-12-20	
57	8-12-20	9.30-10.20	D		Inserting Recorded Sound Effect	8-12-20	
58	9-12-20	12.30-1.20	E		Inserting Recorded Sound Effect	9-12-20	
59	10-12-20	8.30-9.20	F		Inbuilt Sound Effect.	10-12-20	
60	12-12-20	12.30-1.20	B		Inbuilt Sound Effect.	12-12-20	

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
**Online-Class Lesson Plan**

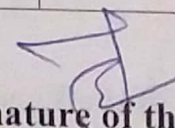
**Academic Year 2020-2021 [Odd Semester]**

**Department: COMPUTER SCIENCE (UNAIDED)**

<b>Class</b>	:	II YEAR
<b>Semester</b>	:	III
<b>Name of the Faculty</b>	:	S.FATHIMA SUHARA
<b>Title of the Course</b>	:	JAVA PROGRAMMING PRACTICAL
<b>Subject Code</b>	:	18UCCS3P1
<b>ICT Tools used</b>	:	LAP TOP, ZOOM PLATFORM
<b>Text books</b>	:	
<b>Reference books</b>	:	
<b>e-resources</b>	:	<a href="https://drive.google.com/file/d/1kbE3_nLLu8BYayPfeqEQZGIUsGeHNP6E/view?usp=sharing">https://drive.google.com/file/d/1kbE3_nLLu8BYayPfeqEQZGIUsGeHNP6E/view?usp=sharing</a>

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	5.08.2020	10.30-11.20	B		Multiple Constructor	5.08.2020	
2	6.08.2020	10.30-11.20	C		Multiple Constructor	6.08.2020	
3	13.08.2020	10.30-11.20	B		Types of inheritance	13.08.2020	
4	14.08.2020	10.30-11.20	C		Types of inheritance	14.08.2020	
5	21.08.2020	10.30-11.20	B		One dimensional Array	21.08.2020	
6	24.08.2020	10.30-11.20	C		One dimensional array	24.08.2020	
7	31.08.2020	10.30-11.20	B		Two dimensional Array	31.08.2020	

  
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
  
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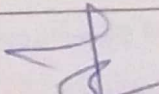
Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	1.09.2020	10.30-11.20	C		Two dimensional Array	1.09.2020	
9	7.09.2020	10.30-11.20	B		Method of Vector class	7.09.2020	
10	8.09.2020	10.30-11.20	C		Method of Vector class	8.09.2020	
11	14.09.2020	10.30-11.20	B		Wrapper class	14.09.2020	
12	15.09.2020	10.30-11.20	C		Wrapper class	15.09.2020	
13	21.09.2020	10.30-11.20	B		Interface	21.09.2020	
14	22.09.2020	10.30-11.20	C		Interface	22.09.2020	
15	29.09.2020	10.30-11.20	B		Package	29.09.2020	
16	30.09.2020	10.30-11.20	C		Package	30.09.2020	
17	7.10.2020	10.30-11.20	B		Multiple Threads	14.10.2020	
18	8.10.2020	10.30-11.20	C		Multiple Threads	14.10.2020	
19	14.10.2020	10.30-11.20	B		Throwing your own Exception	15.10.2020	
20	15.10.2020	10.30-11.20	C		Throwing your own Exception	15.10.2020	
21	21.10.2020	10.30-11.20	B		Mouse Events	29.10.2020	
22	22.10.2020	10.30-11.20	C		Mouse Events	29.10.2020	

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S. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	29.10.2020	10.30-11.20	B		Keyboard Events	31.10.2020	
24	31.10.2020	10.30-11.20	C		Keyboard Events	31.10.2020	
25	6.11.2020	10.30-11.20	B		Draw Various Shapes	6.11.2020	
26	7.11.2020	10.30-11.20	C		Draw various shapes	7.11.2020	
27	13.11.2020	10.30-11.20	B		Revision on all Programs	7.11.2020	
28	16.11.2020	10.30-11.20	C		Revision on all programs	13.11.2020	
29	21.11.2020	10.30-11.20	B		Revision Test	13.11.2020	
30	23.11.2020	10.30-11.20	C		Revision Test	13.11.2020	

  
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<b>Class</b>	:	II YEAR
<b>Semester</b>	:	III
<b>Name of the Faculty</b>	:	M.YOGASINI
<b>Title of the Course</b>	:	JAVA PROGRAMMING PRACTICAL
<b>Subject Code</b>	:	18UCCS3P1
<b>ICT Tools used</b>	:	LAP TOP, ZOOM PLATFORM
<b>Text books</b>	:	
<b>Reference books</b>	:	
<b>e-resources</b>	:	<a href="https://drive.google.com/file/d/1kbE3_nLLu8BYayPfEqEQZGIUsGeHNP6E/view?usp=sharing">https://drive.google.com/file/d/1kbE3_nLLu8BYayPfEqEQZGIUsGeHNP6E/view?usp=sharing</a>

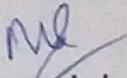
Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
31	10.8.2020	08.30 AM-9.20 AM	F		Multiple Constructor	10.08.2020	
32	10.8.2020	11.30 AM-12.20 PM	F		Multiple Constructor	10.08.2020	
33	19.08.2020	08.30 AM-9.20 AM	F		Types of inheritance	19.08.2020	
34	19.08.2020	11.30 AM-12.20 PM	F		Types of inheritance	19.08.2020	
35	27.08.2020	08.30 AM-9.20 AM	F		One dimensional Array	27.08.2020	
36	27.08.2020	11.30 AM-12.20 PM	F		One dimensional array	27.08.2020	
37	04.09.2020	08.30 AM-9.20 AM	F		Two dimensional Array	04.09.2020	

M. Yogasini

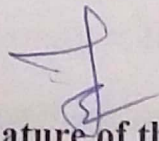
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
38	04.09.2020	11.30 AM-12.20 PM	F		Two dimensional Array	04.09.2020	
39	11.09.2020	08.30 AM-9.20 AM	F		Method of Vector class	11.09.2020	
40	11.09.2020	11.30 AM-12.20 PM	F		Method of Vector class	11.09.2020	
41	18.09.2020	08.30 AM-9.20 AM	F		Wrapper class	18.09.2020	
42	18.09.2020	11.30 AM-12.20 PM	F		Wrapper class	18.09.2020	
43	25.09.2020	08.30 AM-9.20 AM	F		Interface	25.09.2020	
44	25.09.2020	11.30 AM-12.20 PM	F		Interface	25.09.2020	
45	05.10.2020	08.30 AM-9.20 AM	F		Package	05.09.2020	
46	05.10.2020	11.30 AM-12.20 PM	F		Package	05.09.2020	
47	12.10.2020	08.30 AM-9.20 AM	F		Multiple Threads	12.10.2020	
48	12.10.2020	11.30 AM-12.20 PM	F		Multiple Threads	12.10.2020	
49	19.10.2020	08.30 AM-9.20 AM	F		Throwing your own Exception	12.10.2020	II - CIA
50	19.10.2020	11.30 AM-12.20 PM	F		Throwing your own Exception	12.10.2020	II - CIA
51	27.10.2020	08.30 AM-9.20 AM	F		Mouse Events	27.11.2020	
52	27.10.2020	11.30 AM-12.20 PM	F		Mouse Events	27.11.2020	

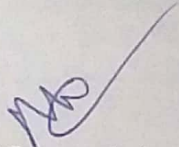
  
M. Yogasini

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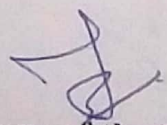
  
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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
53	04.11.2020	08.30 AM-9.20 AM	F		Keyboard Events	04.11.2020	
54	04.11.2020	11.30 AM-12.20 PM	F		Keyboard Events	04.11.2020	
55	11.11.2020	08.30 AM-9.20 AM	F		Draw Various Shapes	04.11.2020	
56	11.11.2020	11.30 AM-12.20 PM	F		Draw various shapes	04.11.2020	
57	19.11.2020	08.30 AM-9.20 AM	F		Revision on all Programs	11.11.2020	III - CIA
58	19.11.2020	11.30 AM-12.20 PM	F		Revision on all programs	11.11.2020	III - CIA
59	26.11.2020	08.30 AM-9.20 AM	F		Revision Test	11.11.2020	
60	26.11.2020	11.30 AM-12.20 PM	F		Revision Test	11.11.2020	

  
M. Yogasini

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# SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011

## Online-Class Lesson Plan

Academic Year 2020-2021 [Odd Semester]

Department: Computer Science (Unaided)

<b>Class</b>	:	II CS SF
<b>Semester</b>	:	III
<b>Name of the Faculty</b>	:	D M Annie Brighty Christilin
<b>Title of the Course</b>	:	Operations Research
<b>Subject Code</b>	:	18UCCS33
<b>ICT Tools used</b>	:	Zoom
<b>Text books</b>	:	Operations Research – P.K.Gupta, Kanti Swarup and Man Mohan, Sultan Chand & Sons Publications
<b>Reference books</b>	:	1. Operations Research – J.A. Mangaladoss, Presi – Persi Publications 2. Operations Research – R.Paneer Selvam, Prentice Hall of India
<b>e-resources</b>	:	<a href="https://tinyurl.com/ycun7qac">https://tinyurl.com/ycun7qac</a>

Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	04.08.20	12.30 pm – 1.20 pm	A	I	Different forms of Linear Programming Problem	04.08.20	
2	05.08.20	12.30 pm – 1.20 pm	B		Basic solution	05.08.20	
3	06.08.20	8.30 am – 9.20 pm	C		Degenerate solution	06.08.20	
4	08.08.20	12.30 pm – 1.20 pm	E		Non-Degenerate solution	08.08.20	
5	12.08.20	12.30 pm – 1.20 pm	A		Basic feasible solution	12.08.20	
6	13.08.20	12.30 pm – 1.20 pm	B		Improved BFS	13.08.20	
7	14.08.20	8.20 am – 9.10 am	C		Optimum BFS	14.08.20	

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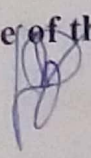
J. Jannathul Firthous

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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	18.08.20	12.30 pm – 1.20 pm	E		Slack	18.08.20	
9	20.08.20	12.30 pm – 1.20 pm	A		Surplus	20.08.20	
10	21.08.20	12.20 pm – 1.10 pm	B		Bounded solution	21.08.20	
11	24.08.20	8.30 am – 9.20 am	C		Unbounded solution	24.08.20	
12	26.08.20	12.30 pm – 1.20 pm	E		Simplex Algorithm for solving a LPP	26.08.20	
13	28.08.20	12.20 pm – 1.10 pm	A		Simplex method of solving a LPP	28.08.20	
14	31.08.20	12.30 pm – 1.20 pm	B	II	Introduction game theory	31.08.20	
15	01.09.20	8.30 am – 9.20 am	C		payoff matrix	01.09.20	
16	03.09.20	12.30 pm – 1.20 pm	E	I	1 <sup>st</sup> int. Exam Revision	03.09.20	
17	05.09.20	12.30 pm – 1.20 pm	A	II	fair game	05.09.20	
18	07.09.20	12.30 pm – 1.20 pm	B		strictly determinable game	07.09.20	
19	08.09.20	8.30 am – 9.20 am	C		Two person zero sum games	10.09.20	1 <sup>st</sup> int. exam at 1 <sup>st</sup> hour
20	10.09.20	12.30 pm – 1.20 pm	E		Maximin Minimax principle of game theory	12.09.20	
21	12.09.20	12.30 pm – 1.20 pm	A		Games without saddle points	14.09.20	
22	14.09.20	12.30 pm – 1.20 pm	B		Mixed strategies	15.09.20	

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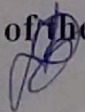
J. Jannathul Firthous

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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	15.09.20	8.30 am – 9.20 am	C		Graphical solution of 2 X N and M X 2 games.	17.09.20	
24	17.09.20	12.30 pm – 1.20 pm	E	III	Replacement of items that Deteriorate with time	19.09.20	
25	19.09.20	12.30 pm – 1.20 pm	A		Replacement of Items whose Maintenance costs increase with time and the value of money also changes with time	21.09.20	
26	21.09.20	12.30 pm – 1.20 pm	B		Replacement of items that fail completely	22.09.20	
27	22.09.20	8.30 am – 9.20 am	C		Individual Replacement policy	24.09.20	
28	24.09.20	12.30 pm – 1.20 pm	E		Group Replacement policy	28.09.20	
29	28.09.20	12.30 pm – 1.20 pm	A		Mortality and Staffing problem	29.09.20	
30	29.09.20	12.30 pm – 1.20 pm	B	IV	Introduction about network	30.09.20	
31	30.09.20	8.30 am – 9.20 am	C		Basic concepts of network	03.10.20	
32	03.10.20	12.30 pm – 1.20 pm	E		Activities	06.10.20	
33	06.10.20	12.30 pm – 1.20 pm	A		Nodes	07.10.20	
34	07.10.20	12.30 pm – 1.20 pm	B		Network	08.10.20	
35	08.10.20	8.30 am – 9.20 am	C		Critical path	10.10.20	
36	10.10.20	12.30 pm – 1.20 pm	E		Constraints in Networks	13.10.20	

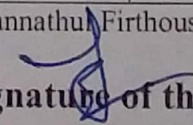
D.M. Annie Brightly Christilin

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Sl. No	Actual Date	Time	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
37	13.10.20	12.30 pm – 1.20 pm	A		Construction of the Network	14.10.20	
38	14.10.20	12.30 pm – 1.20 pm	B		Various Time calculations in Networks	15.10.20	
39	15.10.20	8.30 am – 9.20 am	C		Critical path calculations	17.10.20	
40	17.10.20	12.30 pm – 1.20 pm	E		Procedure of determining the Critical Path	17.10.20	
41	20.10.20	12.30 pm – 1.20 pm	A	II, III	2 <sup>nd</sup> int. Exam revision	20.10.20	
42	21.10.20	12.30 pm – 1.20 pm	B	IV	Slack and Floats determinations	28.10.20	2 <sup>nd</sup> int. exam
43	22.10.20	8.30 am – 9.20 am	C		PERT	29.10.20	2 <sup>nd</sup> int. exam
44	24.10.20	12.30 pm – 1.20 pm	E		PERT calculations	31.10.20	2 <sup>nd</sup> int. exam
45	28.10.20	12.30 pm – 1.20 pm	A	V	Introduction on Queuing theory	03.11.20	
46	29.10.20	12.30 pm – 1.20 pm	B		Characteristics of queuing systems	03.11.20	
47	31.10.20	8.30 am – 9.20 am	C		Basic queuing process	05.11.20	
48	03.11.20	12.30 pm – 1.20 pm	E		Customer's behaviours in the queue	05.11.20	
49	05.11.20	12.30 pm – 1.20 pm	A		Postulate for the Poisson process	06.11.20	
50	06.11.20	12.20 pm – 1.10 pm	B		Distribution of arrival time	07.11.20	
51	07.11.20	8.30 am – 9.20 am	C		Distribution of service time	07.11.20	

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