

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-Accredited by NAAC with 'A+' Grade (4th Cycle)

College of Excellence awarded by UGC

Coimbatore - 641 029.



LESSON PLAN

Department of Artificial Intelligence and Machine Learning

Batch: 2021 – 2024

Semester: II - Even

Name of the Staff: Dr. L. Kathirvelkumaran

Name of the Subject: 21UAI2CM-Programming Lab - JAVA

No. of. Hour Required	Portion to be covered	Mode of Instructions/Deliv ery (Chalk & Talk/PPT/Flipped class etc.)
5	Java Applications to extract a portion of a character string and print the extracted string.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to implement the concept of multiple inheritance using Interfaces.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to create an Exception called payout-of-bounds and throw the exception	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to implement the concept of multithreading with the use of any three multiplication tables and assign three different priorities to them.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to draw several shapes in the created windows.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to create a frame with four-text field's name, street, city and pin code with suitable tables. Also, add a button called my details. When the button is clicked, its corresponding values are to be appeared in the text fields.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to demonstrate the Multiple Selection List-box.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to create a frame with three text fields for name, age and qualification and a text field for multiple line for address.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to create Menu Bars and pull down menus.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to create frames which respond to the mouse clicks. For each events with mouse such as mouse up, mouse down, etc., the corresponding message to be displayed	Chalk & Talk, Discussion, PPT, Lab
5	Java Program to draw circle, square, ellipse and rectangle at the mouse click positions.	Chalk & Talk, Discussion, PPT, Lab
5	Java Program, which open an existing file and append text to that file.	Chalk & Talk, Discussion, PPT, Lab

Signature of the Staff

[Dr. L. KATHIREVEL KUMARAN]

Signature of the HOD

A. Sathya Kumar

Dr. A. MUTHUCHUDAR, MCA, MPhil, Ph.D.,
Assistant Professor & Head,
Department of Artificial Intelligence &
Machine Learning
Kongunadu Arts & Science College,

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LESSON PLAN

Department of Computer Science with Analytics

Batch : 2021 -2024

Semester : II (EVEN)

Name of the Staff: B.Praveena

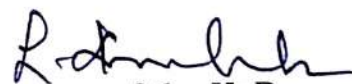
Name of the Subject: Programming Lab – C++ (21UDA2CM)

Prg.NO	HOUR	Program / Concept	MODE OF INSTRUCTIONS/DELIVERY (CHALK & TALK/PPT/FLIPPED CLASS etc
1	1	Stack Operation	Lab, Discussion
2	2	Stack Operation	Lab
3	3	Stack Operation	Lab
4	4	Stack Operation	Lab
5	5	Stack Operation	Flipped class
6	6	Stack Operation	Discussion
7	7	Arithmetic Operation	PPT,Lab
8	8	Arithmetic Operation	Lab
9	9	Arithmetic Operation	Lab
10	10	Arithmetic Operation	PPT,Lab
11	11	Arithmetic Operation	Lab
12	12	Sum Of Digits	PPT,Lab
13	13	Sum Of Digits	Discussion
14	14	Sum Of Digits	Lab
15	15	Sum Of Digits	Discussion
16	16	Operator Overloading	PPT,Lab
17	17	Operator Overloading	Lab, Discussion
18	18	Operator Overloading	Discussion
19	19	Operator Overloading	PPT,Lab
20	20	Operator Overloading	Flipped class
21	21	Operator Overloading	PPT,Lab
22	22	String Manipulation Using Overloading	Discussion
23	23	String Manipulation Using Overloading	PPT,Lab
24	24	String Manipulation Using Overloading	PPT,Lab
25	25	String Manipulation Using Overloading	PPT,Lab
26	26	String Manipulation Using Overloading	Lab, Discussion
27	27	Employee Details	Lab
28	28	Employee Details	Lab
29	29	Employee Details	Lab
30	30	Employee Details	Flipped class
31	31	Employee Details	Discussion
32	32	Virtual Function	PPT,Lab
33	33	Virtual Function	Flipped class
34	34	Virtual Function	PPT,Lab

Prg.NO	HOUR	Program / Concept	MODE OF INSTRUCTIONS/DELIVERY (CHALK & TALK/PPT/FLIPPED CLASS etc
35	35	Virtual Function	
36	36	Virtual Function	PPT,Lab
37	37	Virtual Function	PPT,Lab
38	38	Friend Function	Lab, Discussion
39	39	Friend Function	PPT,Lab
40	40	Friend Function	Discussion
41	41	Friend Function	Lab, Discussion
42	42	Friend Function	Lab, Discussion
43	43	Function Overloading	Lab
44	44	Function Overloading	Lab
45	45	Function Overloading	Lab
46	46	Function Overloading	Flipped class
47	47	Function Overloading	Discussion
48	48	Function Overloading	PPT,Lab
49	49	Palindrome	PPT,Lab
50	50	Palindrome	Lab, Discussion
51	51	Palindrome	PPT,Lab
52	52	Line Number	Discussion
53	53	Line Number	PPT,Lab
54	54	Line Number	Lab, Discussion
55	55	Line Number	Lab, Discussion
56	56	Line Number	Lab
57	57	Merging Two Files	Lab
58	58	Merging Two Files	Flipped class
59	59	Merging Two Files	Discussion
60	60	Merging Two Files	PPT,Lab



Signature of the Staff



Signature of the HoD

Dr. L. KATHIRVELKUMARAN
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