

ACA/DI/37	Teaching Plan (A.Y.2026-27)	Academic Year:-2026-27
Rev:00		Subject Code (D9)
Date:-3/9/2026	Subject: Computer Science 1 & 2	Class :- 11

Chapter No.	Name of Chapter	Topics/ content of chapter	Planned Date of Commencing	Planned Date of Completion	Media/Teaching Aid/ Teaching Method used
CS1 Ch1.	Ch1.Number System	Introduction,Binary Number System,Decimal Number System	7/23/2026	7/23/2026	Whiteboard
		Conversion of Binary Number Sytem	7/24/2026	7/24/2026	Whiteboard
		Octal Number System	7/27/2026	7/28/2026	Whiteboard
		Hexadecimal Number System	7/29/2026	7/30/2026	Whiteboard
		Conversion of Hexadecimal System	7/31/2026	7/31/2026	Whiteboard
		Binary Addition	8/3/2026	8/4/2026	Whiteboard
		Binary Multiplication	8/5/2026	8/5/2026	Whiteboard
		One's Complement,2's Complement	8/6/2026	8/8/2026	Whiteboard
		Binary Subtraction	8/10/2026	8/12/2026	Whiteboard
		Binary Division	8/12/2026	8/12/2026	Whiteboard
CS2 Ch2	Ch2.Logic Gates	Logic Gates Introduction - NOT Gate	8/17/2026	8/17/2026	Whiteboard
		AND Gate	8/18/2026	8/18/2026	Whiteboard
		OR Gate	8/19/2026	8/20/2026	Whiteboard
		NAND Gate	8/20/2026	8/21/2026	Whiteboard
		NOR Gate	8/24/2026	8/25/2026	Whiteboard
		EX-OR Gate	8/25/2026	8/23/2026	Whiteboard
		EX-NOR Gate	8/26/2026	8/27/2026	Whiteboard
		DeMorgan's Theorem	8/26/2026	8/27/2026	Whiteboard
		Half Adder Circuit	8/31/2026	9/1/2026	Whiteboard
		Full Adder Circuit	9/2/2026	04-19-2026	Whiteboard
CS2 Ch 2	Sequential Circuit	Multiplexer	9/7/2026	9/7/2026	Whiteboard
		Demultiplexer	9/8/2026	9/8/2026	Whiteboard
		BCD Encoder	9/9/2026	9/9/2026	Whiteboard
		BCD Decoder	9/9/2026	9/9/2026	Whiteboard
		Networking,Terms and concept	9/10/2026	9/10/2026	Whiteboard

CS1.Ch5	Networking & Internet	Types of Network Installations,Types of Netwrok	9/10/2026	9/10/2026	Whiteboard
		Network Configuration	9/11/2026	9/11/2026	Whiteboard
		Network Application	9/12/2026	9/12/2026	Whiteboard
CS1 Ch2	Program Analysis	Analysis of Problem,Algorithm	9/15/2026	9/15/2026	Whiteboard
		Algorithm	9/16/2026	9/21/2026	Whiteboard
		Flowchart symbols	9/22/2026	9/22/2026	Whiteboard
		Flowchart of structured and modular programming	9/23/2026	9/24/2026	Whiteboard
CS2.Ch4	Peripheral Devices	Input Output Devices,Keyboard	10/5/2026	10/5/2026	Whiteboard
		Mouse,Scanner	10/5/2026	10/5/2026	Whiteboard
		Monitor	10/5/2026	10/5/2026	Whiteboard
		Printer	10/6/2026	10/6/2026	Whiteboard
		HDD,FDD	10/6/2026	10/6/2026	Whiteboard
		Modems,Speaker	10/7/2026	10/7/2026	Whiteboard
CS1 Ch3	Introduction to C++	Introduction to C++,Keywords,identifier	10/8/2026	10/8/2026	Whiteboard
		Structure of program	10/8/2026	10/8/2026	Whiteboard
		Datatypes,Variables	10/9/2026	10/9/2026	Whiteboard
		Operators -Arithmetic	10/9/2026	10/9/2026	Whiteboard
		Programming	10/10/2026	10/10/2026	Whiteboard
		Shorthand Operator	10/16/2026	10/16/2026	Whiteboard
		Relational Operator	10/21/2026	10/21/2026	Whiteboard
		Logical Operator	10/22/2026	10/22/2026	Whiteboard
		Expression,Math library,Programming	10/23/2026	10/29/2026	Whiteboard
		if-else statement , Nested if else ,Programming	11/25/2026	10/28/2026	Whiteboard
		switch case statement, Programming	11/30/2026	12/5/2026	Whiteboard
Cs2.Ch3	Functional Hardware of PC	PC Configuration	12/7/2026	12/7/2026	Whiteboard
		Motherboard	12/8/2026	12/8/2026	Whiteboard
		Memory	12/8/2026	12/8/2026	Whiteboard
CS2 Ch1.	Electronic Components	Study of Components -Resistor	12/9/2026	12/9/2026	Whiteboard
		Capacitor	12/9/2026	12/9/2026	Whiteboard
		Inductors	12/9/2026	12/9/2026	Whiteboard
		Diode	12/10/2026	12/10/2026	Whiteboard
		SMPS	12/10/2026	12/10/2026	Whiteboard
CS1 Ch3	Introduction to C++	for loop	12/14/2026	12/14/2026	Whiteboard
		Programming	12/15/2026	12/18/2026	Whiteboard
		Nested for loop	12/21/2026	12/21/2026	Whiteboard
		Programming	12/22/2026	12/24/2026	Whiteboard
		while loop	1/4/2027	1/5/2027	Whiteboard

CS1 Ch3	Introduction to C++	Programming	1/5/2027	1/8/2027	Whiteboard
		do-while loop	1/11/2027	1/11/2027	Whiteboard
		Programming	1/12/2027	1/15/2027	Whiteboard
		Array	1/18/2027	1/19/2027	Whiteboard
		Programming	1/19/2027	1/30/2027	Whiteboard
CS1 Ch4	Visual Basic	Introduction to VB	2/1/2027	2/1/2027	Whiteboard
		VB GUI	2/1/2027	2/1/2027	Whiteboard
		Menu Bar	2/1/2027	2/1/2027	Whiteboard
		Tool Box-Label box	2/2/2027	2/2/2027	Whiteboard
		Text Box	2/3/2027	2/5/2027	Whiteboard
		Command Button	2/8/2027	2/10/2027	Whiteboard
		Operators -Arithmetic	2/11/2027	2/13/2027	Whiteboard
		Programming	2/15/2027	2/19/2027	Whiteboard
CS1	Introduction to C++	C++Programming Revision	2/22/2027	3/5/2027	PC

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