

DAV CENTENARY COLLEGE FARIDABAD		
Summary of Lesson Plans of College Faculty		
Name of Asst/Associate Prof: Ms. Rajwinder Kaur(A), Dr. Minakshi (B), Mr. Zakir(c), Ms. Reena (D), Ms. Maya(I)		
Class & Section:		BCA-1ST SEM
Subject:	LOC-1	
Academic Session 2023-2024 Odd Sem		
	Date	Topics to be covered
Week 1	7/21/2023	Introduction about LOC
	7/22/2023	Discuss Number Systems
	7/23/2023	Sunday
	7/24/2023	Number Systems continue
	7/25/2023	Number Systems continue
	7/26/2023	Number Systems continue
	7/27/2023	Discuss Binary Arithmetic
	7/28/2023	Binary Arithmetic continue
	7/29/2023	<i>Fixed-point and Floating point representation of numbers</i>
WEEK 2	7/30/2023	Sunday
	7/31/2023	Discuss BCD Codes in detail
	8/1/2023	Discuss BCD Codes in detail
	8/2/2023	Error detecting and correcting codes continue
	8/3/2023	<i>Error detecting and correcting codes continue</i>
	8/4/2023	<i>Character Representation – ASCII</i>
WEEK 3	8/5/2023	Character Representation – ASCII
	8/6/2023	Sunday
	8/7/2023	Character Representation – EBCDIC
	8/8/2023	Character Representation – EBCDIC
	8/9/2023	Character Representation – Unicode
	8/10/2023	Character Representation – Unicode
	8/11/2023	Revision
	8/12/2023	Discuss Boolean Algebra
WEEK 4	8/13/2023	Sunday
	8/14/2023	Discuss Boolean Algebra
	8/15/2023	Independence day
	8/16/2023	Discuss Boolean Algebra
	8/17/2023	Discuss Boolean Theorems
	8/18/2023	Discuss Boolean Theorems
	8/19/2023	Discuss Boolean Theorems
WEEK 5	8/20/2023	Sunday
	8/21/2023	Boolean Functions and Truth Tables
	8/22/2023	Boolean Functions and Truth Tables
	8/23/2023	Boolean Functions and Truth Tables
	8/24/2023	Boolean Functions and Truth Tables
	8/25/2023	Canonical and Standard forms of Boolean functions
	8/26/2023	Canonical and Standard forms of Boolean functions
WEEK 6	8/27/2023	Sunday

	8/28/2023	Simplification of Boolean Functions – Venn Diagram
	8/29/2023	Simplification of Boolean Functions – Venn Diagram
	8/30/2023	Rakhi
	8/31/2023	Simplification of Boolean Functions – Karnaugh Maps.
	9/1/2023	Simplification of Boolean Functions – Karnaugh Maps.
	9/2/2023	Simplification of Boolean Functions – Karnaugh Maps.
WEEK 7	9/3/2023	Sunday
	9/4/2023	Simplification of Boolean Functions – Karnaugh Maps.
	9/5/2023	Simplification of Boolean Functions – Karnaugh Maps.
	9/6/2023	Jananashthmi
	9/7/2023	Digital Logic: Introduction to digital signals
	9/8/2023	Basic Gates – AND
	9/9/2023	Basic Gates-OR, NOT
WEEK 8	9/10/2023	Sunday
	9/11/2023	Universal Gates-Nor
	9/12/2023	Universal Gates-XOR, XNOR
	9/13/2023	revision of universal Gates
	9/14/2023	Discuss Combinational Logic and its Characteristics
	9/15/2023	Discuss Combinational Logic and its Characteristics
	9/16/2023	Design Procedures, analysis procedures
WEEK 9	9/17/2023	Sunday
	9/18/2023	Multilevel NAND and NOR circuits
	9/19/2023	Multilevel NAND and NOR circuits
	9/20/2023	AND-OR-INVERT and OR-AND-INVERT implementations of digital circuits
	9/21/2023	AND-OR-INVERT and OR-AND-INVERT implementations of digital circuits
	9/22/2023	Discuss about combinational and sequential circuits
	9/23/2023	Saheedi Diwas (Haryana Heroes Martyrdom Day)
WEEK 10	9/24/2023	Sunday
	9/25/2023	discuss differences in between cs and sc
	9/26/2023	Presentation
	9/27/2023	Presentation
	9/28/2023	Presentation
	9/29/2023	Presentation
	9/30/2023	Presentation
WEEK 11	10/1/2023	Sunday
	10/2/2023	Gandhi Jayanti
	10/3/2023	Combinational Circuits: Half-Adder
	10/4/2023	Discuss Full-Adder
	10/5/2023	Discuss Full-Adder
	06.10.2023	Discuss Half-Subtractor, Full-Subtractor
	07.10.2023	Discuss Half-Subtractor, Full-Subtractor
WEEK 12	08.10.2023	Sunday
	09.10.2023	Discuss Parallel binary adder/subtractor
	10.10.2023	Discuss Parallel binary adder/subtractor
	11.10.2023	Discuss Parallel binary adder/subtractor

	12.10.2023	Discuss Encoders
	13.10.2023	Discuss Decoders
	14.10.2023	Multiplexers, Demultiplexers
WEEK 13	15.10.2023	Sunday
	16.10.2023	Doubt Session
	17.10.2023	Doubt Session
	18.10.2023	Internal Examination
	19.10.2023	Internal Examination
	20.10.2023	Internal Examination
	21.10.2023	Internal Examination
	22.10.2023	Sunday
WEEK 14	23.10.2023	Discuss Comparators
	24.10.2023	Dusshera
	25.10.2023	code converters
	26.10.2023	BCD to Seven-Segment Decoder
	27.10.2023	BCD to Seven-Segment Decoder continue
	28.10.2023	Contd
WEEK 15	29.10.2023	Sunday
	30.10.2023	Revision of Unit-1
	31.10.2023	Revision of Unit-1
	01.11.2023	Haryana Day
	02.11.2023	Revision of Unit-2
	03.11.2023	Revision of Unit-2
	04.11.2023	Test-1
WEEK 16	05.11.2023	Sunday
	06.11.2023	Revision of Unit-3
	07.11.2023	Revision of Unit-3
	08.11.2023	Revision of Unit-4
	09.11.2023	Revision of Unit-4
	10.11.2023	Diwali Break
	11.11.2023	Diwali Break
WEEK 17	12.11.2023	Diwali Break
	13.11.2023	Diwali Break
	14.11.2023	Diwali Break
	15.11.2023	Diwali Break
	16.11.2023	Diwali Break
	17.11.2023	Test-2
	18.11.2023	Re-test1
WEEK 18	19.11.2023	Sunday
	20.11.2023	Doubt session
	21.11.2023	Doubt Session
	22.11.2023	Re-test2
	23.11.2023	Doubt session
	24.11.2023	Doubt Session
	25.11.2023	Examinations

