

LESSON PLAN

Name of Faculty	:	Kavita Sharma
Discipline	:	BCA
Semester	:	BCA 2nd SEM
Subject	:	LOC-II
Lesson plan duration	:	13 Weeks (from Jan. 2020 to Jun. 2020)
Work load (Lecture)	:	4 lectures per week

Week	Theory	
	Lecture day	Topic (Including assignment and test)
1 st	1	Introduction to Sequential Logic Characteristics.
	2	Flip-Flop
	3	Clocked RS
	4	D type
2 nd	5	T type
	6	JK flip -flop
	7	T type Master Slave flip-flop
	8	Stable state Flip-flop
3 rd	9	State diagram and state equation
	10	Flip-flop excitation tables.
	11	Revision
	12	Class Test
4 th	13	Introduction to Sequential circuit.
	14	Designing Registers.
	15	SISO
	16	SIPO
5 th	17	PISO
	18	PIPO
	19	Shift Registers
	20	Designing Counters
6 th	21	Asynchronous Binary Counter
	22	Synchronous Binary Counter
	23	Modulo-N Counter
	24	Revision
7 th	25	Memory &I/O Devices
	26	Memory Parameter
	27	Class Test

8th	28	Introduction to Semiconductor
	29	RAM
	30	ROM
	31	Magnetic Storage Devices
9th	32	Optical Devices
	33	Flash Memory
	34	I/O Devices And Controllers.
	35	Instruction Design & I/O Organization
10th	36	Machine instruction
	37	Instruction set selection
	38	Instruction Cycle
	39	Instruction Format and Addressing Mode.
11th	40	I/O Interface
	41	Interrupt Structure
	42	Program Controller
	43	Interrupt -controlled
12th	44	DMA transfer
	45	I/O Channel
	46	IOP
	47	Revision
13th	48	Revision
	49	Revision
	50	Revision
	51	Revision