Lesson Plan Format
18 weeks (From January 2018 to April 2018)

Name of Assistant /Associate Professor : TAMANNA
Class and Section : B.C.A II sem
Subject : Logical organisation of compute

Week 1(January 1-6)	
Chapter 1	Sequential logic
01/01/2018	Introduction of Circuits
02/01/2018	Sequential and combination Circuit
03/01/2018	characteristics of seq. circuit
04/01/2018	flip-flops
05/01/2018	clocked RS flip-flop
06/01/2017	D type flip-flop
Week 2(January 8-13)	
Chapter	
08/01/2018	JK flip-flop
09/01/2018	T type flip-flop
10/01/2018	Revision of flip-flop
11/01/2018	Master slave flip-flop
12/01/2018	Diagram and Table of M.S
13/01/2018	State table, and state equations.
Week 3(January 15-20)	
Chapter	
15/01/2018	Revision of table, Diagram and equation
16/01/2018	Excitation Table
17/01/2018	Group Discussion on sequential Circuit.
18/01/2018	Test of Circuit
19/01/2018	Register (Introduction)
~~19/01/2018~~	Types of Registers.
20/01/2018	SISO, SIPO registers
Week 4(January22-27)	
Chapter	
22/01/2018	HOLIDAY
23/01/2018	PISO, PIPO registers
24/01/2018	Shift Registers
25/01/2018	Types of shift Registers (left and Right)
26/01/2018	HOLIDAY

27/01/2018	Counters (Introduction)
Week 5 (January29- Feb3)	
Chapter	
29/01/2018	Asynchronous or Ripple counters
30/01/2018	Asynchronous MOD-5 counters
31/01/2018	Synchronous Counters
01/02/2018	Procedure for synchronous counter Design
02/02/2018	Synchronous MOD-5 counter
03/02/2018	Revision of Counters
Week 6(Feb 5-10)	
Chapter	
05/02/2018	
06/02/2018	up-down counters
07/02/2018	Revision of Registers and counters
08/02/2018	memory and its Parameters
09/02/2018	memory hierarchy: and memory unit
10/02/2018	Diff. between Primary and secondary storage
	HOLIDAY
Week 7(Feb 12-17)	
Chapter	
12/02/2017	Various type of memories
13/02/2017	HOLIDAY
14/02/2017	Primary or main memory and its type
15/02/2017	RAM or Rom (Types)
16/02/2017	Cache memory
17/02/2017	flash memory
Week 8(Feb 19-24)	
Chapter	
19/02/2018	Revision of Primary and secondary memory
20/02/2018	secondary storage and Magnetic tape
21/02/2108	Magnetic Disk (comparision)
22/02/2018	Optical Disk (Advantage and Disad.)
23/02/2018	Revision of memory
24/02/2018	- Test - (memory
Week 9(Feb 26-March03)	
Chapter	
26/02/2018	Input/output Devices
27/02/2018	
28/02/2018	HOLIDAY
01/03/2018	

02/03/2018	HOLIDAY
03/03/2018	
Week 10(March 5-10)	
Chapter	CPU organisation
05/03/2018	Introduction about CPU structure.
06/03/2018	Bus and Instruction set.
07/03/2018	Elements of instruction and represented
08/03/2018	Types of Instruction
09/03/2018	Instruction formats
10/03/2018	Revision of CPU structure
Week 11(March 12-17)	
Chapter	
12/03/2018	Addressing Modes
13/03/2018	Instruction Cycle
14/03/2018	(fetch, Indirect, Execute cycle)
15/03/2018	Input - output Interface
16/03/2018	structure of Interrupt
17/03/2018	Program - controlled Data Transfer scheme
Week 12(March 19-24)	
Chapter	
19/03/2018	Direct memory Access (speech Mismatch
20/03/2018	b/w memory and I/O)
21/03/2018	I/O channels, Peripheral Processor
22/03/2018	IOP
23/03/2018	HOLIDAY
24/03/2018	Interrupt and multiple Interrupt.
Week 13(March 26-31)	
Chapter	
26/03/2018	Revision of I/O organisation
27/03/2018	Test
28/03/2018	G.D
29/03/2018	HOLIDAY
30/03/2018	Assignment
31/03/2018	
Week 14(April 02-07)	
Chapter	
02/04/2018	Revision of CPU organisation
03/04/2018	
04/04/2018	

05/04/2018 Discussion on flip-flops
06/04/2018 (RS, D types, JK, T types flip-flops.
07/04/2018 Test of flip-flop

Week 15(April 09-14)
Chapter

09/04/2018 } Discussion or Revision of Registers
10/04/2018 } and its types.
11/04/2018
12/04/2018 Test of Registers.
13/04/2018 —— HOLIDAY ——
14/04/2018 —— HOLIDAY ——

Week 16(April 16-21)
Chapter

16/04/2018 } Discussion on Counters and
17/04/2018 } its types)
18/04/2018 —— HOLIDAY ——
19/04/2018
20/04/2018 } Revision of memory and its
21/04/2018 } Devices.

Week 17(April 23-28)
Chapter

23/04/2017 Group Discussion on Counters
24/04/2017 Test
25/04/2017 Problem Day (for students)
26/04/2017 } Revision of CPU structure and
27/04/2017 } its organisation
28/04/2018

Week 18(April 29-30)
Chapter

30/04/2018 Memory and its types. (Revision)