

TITE DIPLOMA, TARABOI, KHURDA
DEPARTMENT OF ENGINEERING
LESSON PLAN

DISCIPLINE:- **CSE & ECE**

SEMESTER:- **4th**

FROM DATE :- **14/02/2023**

TO DATE **23/05/2023**

NAME OF THE TEACHING FACULTY:-

Sukanta Kumar Biswal

SUBJECT-

MPMC

NO. OF PERIOD/PER WEEK CLASS ALLOTTED:-

04

TOTAL NO. OF CLASS AVAILABLE IN SEM:-

53

SL NO.	WEEK	CLASS DATE	NO. OF CLASS/DAY	TOPICS
1	Week-01	14/02/23	01	Introduction to MP (8085)
		15/02/23	01	Distinguish between MP & MC
		16/02/23	01	Address Bus, Data Bus etc
		17/02/23	01	Bus Structure Block Diagram
2	Week-02	21/02/23	01	Architecture of 8085 MP
		22/02/23	01	Pin Diagram of 8085 MP
		23/02/23	01	Register Organizations
		24/02/23	01	Stack, Stack Pointer
3	Week-03	27/02/23	01	Interrupts of 8085 MP
		28/02/23	01	Addressing Data
		01/03/23	01	Addressing modes
4	Week-04	02/03/23	01	Instruction sets of 8085
		06/03/23	01	Instruction set of 8085
		09/03/23	01	Assembly Language Program of 8085
5	Week-05	13/03/23	01	Addition & Subtraction of 8085
		14/03/23	01	Logic Operations
		15/03/23	01	Counters & Time Delay
		16/03/23	01	Looping, Counting
6	Week-06	20/03/23	01	Indexing, Stack
		21/03/23	01	Sub-routine programs
		22/03/23	01	Code Conversion
		23/03/23	01	Block Transfer
7	Week-07	27/03/23	01	Compare between two nos.
		28/03/23	01	Array Handling
		29/03/23	01	Memory & I/O Addressing
8	Week-08	03/04/23	01	Timing Diagrams
		04/04/23	01	OPCode, T _{Star} , Fetch cycles
		05/04/23	01	Machine Cycles, Instruction cycle
		06/04/23	01	Memory read, Write

9	Week-09	10/04/23	01	I/O read & I/O write
		11/04/23	01	Machine cycles
		12/04/23	01	Timing Diagrams of
10	Week-10	13/04/23	01	8085 Instructions
		17/04/23	01	Interfacing Concepts
		18/04/23	01	memory mapping
		19/04/23	01	I/O mapping
11	Week-11	20/04/23	01	EPROM & RAM
		24/04/23	01	Decoding for I/O device
		25/04/23	01	PPI 8255
12	Week-12	26/04/23	01	ADC & DAC with
		27/04/23	01	Interfacing 8255 Segment Display
		01/05/23	01	Traffic Light Control Using 8255
		02/05/23	01	Stepper motor Control Using 8255
13	Week-13	03/05/23	01	DMA Controller
		04/05/23	01	USART
		08/05/23	01	The 8086 MP Registers
14	Week-14	09/05/23	01	MP Architecture of 8086
		10/05/23	01	Signal Descriptions
		11/05/23	01	Minimum mode Timing
15	Week-15	15/05/23	01	Maximum mode Timing
		16/05/23	01	Interrupts of 8086 MP
		17/05/23	01	Assembly Language Programs 8086
		18/05/23	01	8-bit & 16-bit Micro Controller
16	Week-16	22/05/23	01	Architecture of 8051 MC
		23/05/23	01	Addressing modes of 8051 MC & Interrupts of 8051 MC
17	Week-17			