PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH

PROGRESS REGISTER

Session-2022-2023

Discipline: Computer Science & Engg.

Semester: 4th Subject: MPMC

Name of the Teaching Faculty: Subhrasmita Bhai

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH

PROGRESS REGISTER

Session-2022-2023

Discipline: Computer Science & Engg.

Semester: 4th Subject: MPMC

Name of the Teaching Faculty: Subhrasmita Bhai

Subject: MPMC No. of Days/per week class allotted 04

Semester From Date : 14.02.23 To Date : 23.05.23 No. of Weeks : 18

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14.02.23	Introduction to mp & MC & distinguish bet^n them	Difference between mp & MC	Difference bet^n mp & MC	
15.02.23	Address bus, data bus, control bus & System bus	Address bus, data bus, control bus & System bus	Address bus, data bus, control bus & system bus	
17.02.23	General bus structure block diagram	General bus structure block diagram	General bus structure block diagram	
20.02.23	Architecture of 8085 mp	8085 Architecture	8085 Architecture	
21.02.23	Pin diagram of 8085 MP	Pin diagram	Pin diagram	
22.02.23	Pin diagram	Pin diagram	Pin diagram	
24.02.23	Register Organization	Register Organizatn	Register Organization	
27.02.23	Difference between SPR & GPR	Registers	Registers	
28.02.23	Timing & Control Module	SPR, GPR Timing & Control Module	SPR & GPR	
29.02.23	Stack	Stack	Stack	
01.03.23	Interrupts of 8085	Interrupts	Interrupts.	

Subject: MPMC No. of Days/per week class allotted 04

Semester From Date : 14.02.23 To Date : 23.05.23 No. of Weeks : 18

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
03.03.23	SIM, RIM	Meeting of interrupts, SIM, RIM	SIM, RIM	
06.03.23	Memory & I/O addressing	Memory & I/O addressing	Memory & I/O addressing	
10.03.23	OpCode, Operand Instruction cycle	Opcode, Operand, Instruction cycle	Instruction cycle	
13.03.23	Timing diagram concepts	Timing diagram	Timing diagram	
15.03.23	Timing diagram $\overline{RD}$ & $\overline{WR}$	Timing diagram	Timing diagram	
17.03.23	Concept of Interfacing	Interfacing	Interfacing	
20.03.23	Define Mapping & data transfer Mechanism	Interfacing	Interfacing	
21.03.23	Memory & I/O Mapping	Memory & I/O Mapping	Memory & I/O Mapping	
22.03.23	Interfacing EPROM & RAM	Interfacing EPROM & RAM	Interfacing EPROM & RAM	
24.03.23	Address decoding	Address decoding to I/O devices	Address decoding	
27.03.23	8255 PPI	Basic Concept of PPI	PPI	

Subject: MPMC No. of Days/per week class allotted 04

Semester From Date : 14.02.23 To Date : 28.05.23 No. of Weeks : 18

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
28.03.23	ADC & DAC with interfacing	ADC & DAC with interfacing	ADC & DAC	
29.03.23	Addressing data	One byte, two byte, three byte instruction	one byte, two byte & three byte instructions	
03.04.23	Addressing Mode	Addressing Mode	Addressing Mode	
04.04.23	Instruction set	Instruction set	Instruction set	
05.04.23	Assembly language Programming	Programming	Programming	
10.04.23	Programming	Programming	Programming	
11.04.23	Programming	Programming	Programming	
12.04.23	Interfacing Seven segment displays	Interfacing Seven segment displays	Interfacing Seven segment display	
17.04.23	Generate Square wave	Interfacing	Interfacing	
18.04.23	Traffic light Control system	Square wave Generation	Square wave Generation	
19.04.23	Stepper Motor	Traffic light Control using 8255	Traffic light Control using 8255	

Subject: MPMC No. of Days/per week class allotted 04

Semester From Date : 14.02.23 To Date : 23.05.23 No. of Weeks : 18

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
21.04.23	Registers of 8086	Stepper motor using 8255	Stepper motor using of 8255	
24.04.23	Flags	Registers & flag	Registers & Flag	
25.04.23	Signals of 8086	Signal of 8086	Signal description	
27.04.23	Physical memory Organization	Physical memory Organization	Physical memory organization	
28.04.23	Minimum mode & Timing	Minimum mode & Timing	Minimum mode & Timing	
29.04.23	Maximum mode	Maximum mode	Maximum mode	
30.04.23	Interrupts	Interrupts	Interrupts	
02.05.23	8086 Instruction Set	Addressing mode	Addressing mode	
03.05.23	Instruction Set	Instruction Set	Instruction Set	
04.05.23	8086 programming	8086 programming	8086 programming	
05.05.23	8 bit & 16 bit MC	Introduction to MC	Introduction to MC	

Subject: MPMC No. of Days/per week class allotted 04

Semester From Date : 14.02.23 To Date : 28.05.23 No. of Weeks : 18

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
06.05.23	CISC & RISC problem	CISC & RISC	CISC & RISC	
07.05.23	Architecture of 8051	8051	8051	
08.05.23	Pin of 8051	Pin of 8051	Pin of 8051	
09.05.23	Memory Organization	RAM Structure SFR	SFR	
10.05.23	Registers, Timers & Interrupts	Interrupts	Interrupts	
11.05.23	Addressing mode of 8051	Addressing mode of 8051	Addressing mode	
12.05.23	Programming of 8051	Programming	Programming	
13.05.23	Timer & Counters	Timer & Counters	Timer & Counters	
14.05.23	Serial Communication	Serial Communication	Serial Communication	
15.05.23	RS Interfacing to 8255	RS Interfacing to 8255	RS interfacing to 8255	
16.05.23	Discussion	Discussion	Discussion	