

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOG PANIPAT
DEPARTMENT OF CYBER SECURITY

LESSON PLAN

Subject:Computer Organization

Subject Code:PC-CS-CYS-211A

S No.	Lec No	Topics to Be covered	Mode of teaching
1	L 1	Introduction to computer system	White board
2	L 2	Introduction to computer organization and Architecture	Smart board
3	L 3	Generation of computer	Smart board
4	L 4	Booth multiplication algorithm	Smart board
5	L 5	Floating point representation	White board
6	L 6	Flynn classification	White board
7	L 7	Restoring division algorithm	White board
8	L 8	Non-Restoring division algorithm	White board
9	L 9	Binary Addition and subtraction	White board
10	L 10	Introduction to instruction	Smart board
11	L 11	Instruction code	Smart board
12	L 12	Instruction format and instruction type	White board
13	L 13	Instruction cycle	White board
14	L 14	Interrupts and its types	White board
15	L 15	Interrupt cycle	White board
16	L 16	Microprogramed control organization	White board
17	L 17	Rev: Booth algorithms and division algorithm	White board
18	L 18	Address sequencing	Smart board
19	L 19	Microinstruction format	White board
20	L 20	Microprogram sequencer	White board
21	L 21	Stack organization	White board
22	L 22	Address sequencing	White board
23	L 23	Data transfer & Manipulation	White board
24	L 24	RICE & CICS Processor	White board
25	L 25	Array and vector processor	White board
26	L 26	Introduction to pipelining	Smart board
27	L 27	Surprise Test of Unit -1	White board
28	L 28	Asynchronous Data transfer and I/O interface	White board
29	L 29	Mode of Data transfer	White board
30	L 30	Priority interrupt	White board
31	L 31	Daisy chain priority interrupt	Smart board
32	L 32	Parallel priority interrupt	Smart board
33	L 33	DMA controller and transfer	Smart board
34	L 34	CPU -IOP communication	White board

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L 35

Doubt class

White board