

SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY
LESSION PLAN (WINTER 2021)

Discipline- Computer Science & Engineering	Semester- 3rd	Faculty Name- Jyotirmayee Mansingh
Subject- Computer System Architecture	No of days/ per week class allotted-4	Semester from date- 01.08.2023 to 30.11.2023 No of weeks-19
Week	Class day	Theory Topics
AUG 1ST	08-01-23	Basic Structure of computer hardware
	08-02-23	Functional units
	08-03-23	Computer Components
	08-05-23	Performance Measures
AUG 2ND	08-08-23	Memory Addressing
	08-09-23	Memory Operations
	08-10-23	Doubt clearing class of unit-1
	08-12-23	Class Test
AUG 3RD	14/8/2023	Instruction & Instruction Sequencing
	16/8/2023	Fundamentals to instructions
	17/8/2023	Operands
	19/8/2023	Opcodes
AUG 4TH	21/8/2023	Instruction formats
	22/8/2023	Addressing Modes
	23/8/2023	Doubt clearing class of unit-2
	24/8/2023	class Test
AUG 5TH	28/8/2023	Processor System
	29/8/2023	Register files
	30/8/2023	Complete instruction execution
SEP 1ST	09-02-23	Fetch
SEP 2ND	09-04-23	Decode
	09-06-23	Execution
	09-09-23	Hardware control
	09-11-23	Micro programme control
SEP 3RD	13/9/2023	Doubt clearing class unit-3
	14/9/2023	Class Test
	18/9/2023	Memory System and Memory characteristics
SEP 4TH	20/9/2023	Memory hierarchy
	21/9/2023	RAM organization
	22/9/2023	ROM organization
	25/9/2023	Interleaved Memory
SEP 5TH	26/9/2023	Cache Memory
	27/9/2023	Virtual Memory
	28/9/2023	Doubt clearing class unit-4
OCT 1ST	10-03-23	class test
	10-04-23	Input - Output System
	10-05-23	Input - Output Interface
	10-07-23	Modes of Data transfer
OCT 2ND	10-09-23	Programmed I/O transfer
	10-10-23	Interrupt driven I/O
	10-11-23	DMA
	10-12-23	I/O Processor

OCT 3RD	16/10/2023	Doubt clearing class of unit-5
	17/10/2023	class Test
	18/10/2023	I/O Interface & Bus architecture
OCT 5TH	19/10/2023	Bus and System Bus
	30/10/2023	Types of System Bus ,Data Bus
	31/10/2023	Address Bus
NOV 1ST	11-01-23	Control Bus
	11-02-23	Bus Structure
	11-04-23	Basic parameters of Bus Design
NOV 2ND	11-07-23	Basic parameters of Bus Design
	11-08-23	SCSI
	11-09-23	USB
NOV 3RD	13/11/2023	Doubt clearing class of unit-6
	14/11/2023	Class Test
	15/11/2023	Parallel Processing
NOV 4TH	16/11/2023	Linear PipeLine
	21/11/2023	Multiprocessor
	22/11/2023	Flynn"s Classification
NOV 5TH	23/11/2023	Flynn"s Classification
	29/11/2023	Doubt clearing class of unit-7
	30/11/2023	Class Test

Total no. of Classes: 62
No. of Theory Classes: 49
No. of Tutorial Classes: 5
No. of Digital Classes: 4
No. of PPT Classes: 5

H.O.D.


DEAN (ACADEMICS)

PRINCIPAL