

PNS SCHOOL OF ENGINEERING AND TECHNOLOGY, MARSHAGHAI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LESSON PLAN

BRANCH : COMPUTER SCIENCE AND ENGINEERING	SEMESTER : 3RD		NAME OF THE TEACHING FACULTY : ER . JYOTSNAMAYEE BISWAL
SUBJECT : COMPUTER SYSTEM ARCHITECTURE	NO. OF DAYS PER WEEK CLASS ALLOTTED : 05		SEMESTER FROM DATE : 15.09.2022 TO 22.12.2022
CHAPTER	MONTH	DATE	TOPIC TO BE COVERED
Basic structure of computer hardware	SEPTEMBER	15/09/2022	Introduction to computer system Architecture
		16/09/2022	Basic Structure of computer hardware
		20/09/2022	
		20/09/2022	
		21/09/2022	Computer components
		22/09/2022	Performance measures
		23/09/2022	Memory addressing & Operations
		27/09/2022	Doubt clearing class
		26/09/2022	Chapter -1 Revision
Instructions & instruction Sequencing		27/09/2022	Fundamentals to instructions
		28/09/2022	Operands
		29/09/2022	Op Codes
		30/09/2022	Instruction formats
		11/10/2022	Addressing Modes
Processor System	OCTOBER	12/10/2022	Assignment
		13/10/2022	Register Files
		14/10/2022	Complete instruction execution
		17/10/2022	Fetch
		18/10/2022	Decode
		19/10/2022	Execution
		20/10/2022	Hardware control
		21/10/2022	Micro program control
		20/10/2022	Doubt clearing class
		22/10/2022	Chapter-2 and Chapter -3 Revision
		21/10/2022	Assignment
22/10/2022	Class test		
Memory System		27/10/2022	Memory characteristics
		28/10/2022	Memory hierarchy
		28/10/2022	RAM and ROM organization
		1/11/2022	Interleaved Memory
		2/11/2022	Cache memory
		3/11/2022	Virtual memory
		4/11/2022	Input - Output Interface
		9/11/2022	Modes of Data transfer
		10/11/2022	Programmed I/O Transfer

Input – Output System	NOVEMBER	11/11/2022	Interrupt driven I/O
		15/11/2022	DMA
		16/11/2022	I/O Processor
		17/11/2022	Class test
		18/11/2022	Doubt clearing class
		22/11/2022	Assignment
		23/11/2022	Bus and System Bus
		24/11/2022	Types of System Bus
		25/11/2022	Data
		29/11/2022	Address
I/O Interface & Bus architecture	DECEMBER	30/11/2022	Bus Structure
		1/12/2022	Class test
		2/12/2022	Basic Parameters of Bus design
		6/12/2022	SCSI
		7/12/2022	USB
		8/12/2022	Doubt clearing class
		9/12/2022	Revision
		10/12/2022	Parallel Processing
		13/12/2022	Linear Pipeline
		14/12/2022	Multiprocessor
Parallel Processing	DECEMBER	15/12/2022	Flynn"s Classification
		16/12/2022	Doubt clearing class
		20/12/2022	Previous year question Discussion
		21/12/2022	Revision
		22/12/2022	Previous year question Discussion

Jyotsnamayee Biswal

SIGNATURE OF TEACHER

Biswarayan Swain

SIGNATURE OF HOD