

LESSON PLAN – 2022 -2023

DISCIPLINE: CSE	SEMESTER: 4TH	NAME OF THE TEACHING FACULTY: JHILI SETHY
SUBJECT: OSSP	NO.OF DAYS/PER WEEK CLASS ALLOTTED : 4	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	Objectives and Explain functions of operating system.
	2 ND	Evolution of Operating system
	3 RD	Structure of operating system
	4 TH	Process concept, process control.
2 ND	1 ST	interacting processes, inter process messages.
	2 ND	Implementation issues of Processes.
	3 RD	Process scheduling.
	4 TH	job scheduling.
3 RD	1 ST	Process synchronization,
	2 ND	semaphore.
	3 RD	Principle of concurrency
	4 TH	types of scheduling.
4 TH	1 ST	First come first serve, shortest job first, Round robin, SRTF, priority scheduling.
	2 ND	Memory allocation Techniques.
	3 RD	Contiguous memory allocation.
	4 TH	Single partition allocation method, Multiple partition allocation method.
5 TH	1 ST	non contiguous memory allocation
	2 ND	Paging, Segmentation ,segmentation with paging.
	3 RD	Swapping
	4 TH	virtual memory using paging,
6 TH	1 ST	Demand paging,
	2 ND	page fault handling.
	3 RD	Techniques for Device Management
	4 TH	Dedicated device Management.
7 TH	1 ST	Shared management
	2 ND	virtual. management
	3 RD	Device allocation considerations I/O traffic control .
	4 TH	I/O Schedule
8 TH	1 ST	I/O Device handlers.
	2 ND	SPOOLING.
	3 RD	Concept of deadlock.
	4 TH	Mutual exclusion ,No preemption
9 TH	1 ST	Hold and wait , circular wait.
	2 ND	System Model
	3 RD	Dead Lock Detection.
	4 TH	Resources allocation Graph.

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10 TH	1 ST	Methods of Deadlock handling
	2 ND	Recovery &Prevention,
	3 RD	Explain Bankers Algorithm,
	4 TH	Safety Algorithm.
11 TH	1 ST	File organization
	2 ND	Directory & file structure,
	3 RD	sharing of files
	4 TH	File access methods,
12 TH	1 ST	Direct access method,sequestial access method.
	2 ND	Indexing access method.
	3 RD	file systems,
	4 TH	reliability
13 TH	1 ST	Allocation of disk space
	2 ND	File protection,
	3 RD	secondary storage management
	4 TH	Concept of system programming
14 TH	1 ST	show difference from Application Compiler:
	2 ND	Compiler
	3 RD	functions of compiler.
	4 TH	Brief description of interpreter
15 TH	1 ST	Description of compiler.
	2 ND	Compare compiler and interpreter
	3 RD	Seven phases of compiler
	4 TH	brief description of each phase.
DISCIPLINE: CSE	SEMESTER : 4TH	NAME OF THE TEACHING FACULTY: ABHIRAM BEHERA
SUBJECT: DCCN	NO.OF DAYS/PER WEEK CLASS ALLOTTED : 4	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	1.1 Data Communication
	2 ND	1.2 Networks
	3 RD	1.3 Protocol & Architecture
	4 TH	Standards
2 ND	1 ST	OSI
	2 ND	OSI
	3 RD	TCP/IP
	4 TH	TCP/IP
3 RD	1 ST	2.1 Data transmission Concepts and Terminology
	2 ND	2.2 Analog and Digital Data transmission
	3 RD	2.3 Transmission impairments, Channel capacity
	4 TH	2.4 Transmission media,
4 TH	1 ST	Guided Transmission,
	2 ND	Guided Transmission,

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	3 RD	Wireless Transmission
	4 TH	Wireless Transmission
5 TH	1 ST	3.1 Data encoding,
	2 ND	3.2 Digital data digital signals,
	3 RD	3.2 Digital data digital signals,
	4 TH	3.3 Digital data analog signals
6 TH	1 ST	3.3 Digital data analog signals
	2 ND	3.4 Analog data digital signals
	3 RD	3.5 Analog data analog signals
	4 TH	3.5 Analog data analog signals
7 TH	1 ST	4.1 Asynchronous and Synchronous Transmission
	2 ND	4.1 Error Detection
	3 RD	4.3 Line configuration
	4 TH	4.4 Flow Control,
8 TH	1 ST	4.5 Error Control
	2 ND	4.6 Multiplexing
	3 RD	4.7 FDM synchronous TDM
	4 TH	4.8 Statistical TDM
9 TH	1 ST	5.1 Circuit Switching networks
	2 ND	5.2 Packet Switching principles
	3 RD	5.3 X.25
	4 TH	5.4 Routing in Packet switching
10 TH	1 ST	5.4 Routing in Packet switching
	2 ND	5.5 Congestion
	3 RD	5.6 Effects of congestion, congestion control
	4 TH	5.7 Traffic Management
11 TH	1 ST	5.8 Congestion Control in Packet Switching Network.
	2 ND	5.8 Congestion Control in Packet Switching Network.
	3 RD	6.1. Topology and Transmission Media
	4 TH	6.1. Topology and Transmission Media
12 TH	1 ST	6.2 LAN protocol architecture
	2 ND	6.3. Medium Access control
	3 RD	6.4 Bridges, Hub, Switch
	4 TH	6.4 Bridges, Hub, Switch
13 TH	1 ST	6.5 Ethernet (CSMA/CD)
	2 ND	Fiber Channel
	3 RD	6.6 Wireless LAN Technology
	4 TH	6.6 Wireless LAN Technology
14 TH	1 ST	7.1 TCP/IP Protocol Suite
	2 ND	7.2 Basic Protocol functions
	3 RD	7.3 Principles of Internetworking
	4 TH	7.3 Principles of Internetworking
15 TH	1 ST	7.3 Internet Protocol operations
	2 ND	7.3 Internet Protocol operations
	3 RD	7.4 Internet Protocol
	4 TH	7.4 Internet Protocol

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DISCIPLINE:CSE	SEMESTER:4TH	NAME OF THE TEACHING FACULTY: Nayana Patel
SUBJECT: M&M	NO.OF DAYS/PER WEEK CLASS ALLOTTED : 5	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS : 15
WEEK	CLASS DAY	THEORY TOPICS
1 ST	1 ST	Introduction to Microprocessor and Microcomputer & distinguish between them.
	2 ND	Concept of Address bus, data bus, control bus & System Bus.
	3 RD	General Bus structure.
	4 TH	Block diagram.
	5 th	Basic Architecture of 8085 (8 bit) Microprocessor
2 ND	1 ST	Basic Architecture of 8085 (8 bit) Microprocessor
	2 ND	Signal Description (Pin diagram) of 8085 Microprocessor
	3 RD	Signal Description (Pin diagram) of 8085 Microprocessor
	4 TH	Signal Description (Pin diagram) of 8085 Microprocessor
	5 th	Register Organizations,Distinguish between SPR & GPR, Timing & Control, Module,
3 RD	1 ST	Register Organizations,Distinguish between SPR & GPR, Timing & Control, Module,
	2 ND	Stack, Stack pointer & Stack top
	3 RD	Stack, Stack pointer & Stack top
	4 TH	Interrupts:-8085 Interrupts
	5 th	Interrupts:-8085 Interrupts, Masking of Interrupt(SIM,RIM)
4 TH	1 ST	Addressing data & Differentiate between one-byte, two-byte &three-byte instructions with examples.
	2 ND	Addressing modes in instructions with suitable examples.
	3 RD	Instruction Set of 8085(Data Transfer, Arithmetic,
	4 TH	Logical, Branching, Stack& I/O , Machine Control)
	5 th	Simple Addition & Subtraction
5 TH	1 ST	Logic Operations (AND, OR, Complement 1's & 2's) & Masking of bits
	2 ND	Counters & Time delay (Single Register, Register Pair, More than Two Register
	3 RD	Looping, Counting & Indexing (Call/JMP etc)
	4 TH	Stack & Subroutines programes.
	5 th	Code conversion, BCD Arithmetic
6 TH	1 ST	16 Bit data Operation, Block Transfer
	2 ND	Compare between two numbers
	3 RD	Array Handling (Largest number in the array)

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	4 TH	smallest number in the array
	5 th	Memory & I/O Addressing,
7 TH	1 ST	Define opcode, operand, T-State.
	2 ND	Define Fetch cycle, Machine Cycle, Instruction cycle of timing diagram.
	3 RD	Discuss the concept of timing diagram.
	4 TH	Draw timing diagram for memory read, memory write machine cycle..
	5 th	Draw timing diagram for I/O read, I/O write machine cycle.
8 TH	1 ST	Draw a neat sketch for the timing diagram for 8085 instruction (MOV,MVI instruction).
	2 ND	Draw a neat sketch for the timing diagram for 8085 instruction (LDA instruction).
	3 RD	Concept of interfacing
	4 TH	Define Mapping & Data transfer mechanisms - Memory mapping & I/O Mapping
	5 th	Concept of Memory Interfacing:- Interfacing EPROM & RAM Memories
9 TH	1 ST	Concept of Address decoding for I/O devices
	2 ND	Programmable Peripheral Interface: 8255
	3 RD	ADC & DAC with Interfacing.
	4 TH	Interfacing Seven Segment Displays
	5 th	Generate square waves on all lines of 8255
10 TH	1 ST	Design Interface a traffic light control system using 8255.
	2 ND	Design interface for stepper motor control using 8255
	3 RD	Design interface for stepper motor control using 8255
	4 TH	Register Organisation of 8086.
	5 th	Internal architecture of 8086.
11 TH	1 ST	Signal Description of 8086.
	2 ND	Signal Description of 8086.
	3 RD	General Bus Operation.
	4 TH	Physical Memory Organisation
	5 th	Minimum Mode & Timings,
12 TH	1 ST	Maximum Mode & Timings,
	2 ND	Interrupts and Interrupt Service Routines, Interrupt Cycle.
	3 RD	Non-Maskable Interrupt, Maskable Interrupt.
	4 TH	8086 Instruction Set & Programming: Addressing Modes, Instruction Set, Assembler Directives and Operators,
	5 th	Simple Assembly language programming using 8086 instructions

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13 TH	1 ST	Distinguish between Microprocessor & Microcontroller
	2 ND	8 bit & 16 bit microcontroller
	3 RD	CISC & RISC processor
	4 TH	Architecture of 8051 Microcontroller
	5 TH	Signal Description of 8051 Microcontrollers
14 TH	1 ST	Memory Organisation-RAM structure, SFR
	2 ND	Registers, timers, interrupts of 8051 Microcontrollers
	3 RD	Addressing Modes of 8051
	4 TH	Addressing Modes of 8051
	5 TH	Simple 8051 Assembly Language Programming Arithmetic & Logic Instructions .
15 TH	1 ST	JUMP, LOOP, CALL Instructions, I/O Port Programming.
	2 ND	Interrupts.
	3 RD	Timer & Counters.
	4 TH	Serial Communication
	5 TH	Microcontroller Interrupts and Interfacing to 8255
DISCIPLINE: CSE	SEMESTER: 4TH	NAME OF THE TEACHING FACULTY: REETANJALI PANDA
SUBJECT : DBMS	NO.OF DAYS/PER WEEK CLASS ALLOTTED : 4	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	BASIC CONCEPTS OF DBMS Purpose of database Systems
	2 ND	Explain Data abstraction
	3 RD	Database users
	4 TH	Data definition language
2 ND	1 ST	Data Dictionary
	2 ND	2.0 DATA MODELS 2.1 Data independence
	3 RD	2.2 Entity relationship models
	4 TH	2.3 Entity sets and Relationship sets
3 RD	1 ST	2.4 Explain Attributes
	2 ND	2.5 Mapping constraints 2.6 E-R Diagram
	3 RD	2.7 Relational model
	4 TH	2.8 Hierarchical model

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4 TH	1 ST	2.9 Network model
	2 ND	3.0 RELATIONAL DATABASE 3.1 Relational algebra
	3 RD	3.1 Relational algebra
	4 TH	3.1 Relational algebra
5 TH	1 ST	3.2 Different operators select, project, join , simple Examples
	2 ND	3.2 Different operators select, project, join , simple Examples
	3 RD	3.2 Different operators select, project, join , simple Examples
	4 TH	4.0 NORMALIZATION IN RELATIONAL SYSTEM 4.1 Functional Dependencies
6 TH	1 ST	4.1 Functional Dependencies
	2 ND	4.2 Lossless join
	3 RD	4.2 Lossless join
	4 TH	4.3 Importance of normalization
7 TH	1 ST	4.4 Compare First second and third normal forms
	2 ND	4.4 Compare First second and third normal forms 4.5 Explain BCNF
	3 RD	4.4 Compare First second and third normal forms 4.5 Explain BCNF
	4 TH	5.0 STRUCTURED QUERY LANGUAGE 5.1 Elementary idea of Query language
8 TH	1 ST	5.1 Elementary idea of Query language
	2 ND	5.2 Queries in SQL
	3 RD	5.2 Queries in SQL
	4 TH	5.2 Queries in SQL
9 TH	1 ST	5.3 Simple queries to create, update, insert in SQL
	2 ND	5.3 Simple queries to create, update, insert in SQL
	3 RD	5.3 Simple queries to create, update, insert in SQL
	4 TH	5.3 Simple queries to create, update, insert in SQL

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10 TH	1 ST	6.0 TRANSACTION PROCESSING CONCEPTS 6.1 Idea about transaction processing
	2 ND	6.1 Idea about transaction processing
	3 RD	6.2 Transaction & system concept
	4 TH	6.2 Transaction & system concept
11 TH	1 ST	6.3 Desirable properties of transaction
	2 ND	6.3 Desirable properties of transaction
	3 RD	6.4 Schedules and recoverability
	4 TH	6.4 Schedules and recoverability
12 TH	1 ST	7.0 CONCURRENCY CONTROL CONCEPTS 7.1 Basic concepts
	2 ND	7.1 Basic concepts
	3 RD	7.2 Locks, Live Lock, Dead Lock
	4 TH	7.2 Locks, Live Lock, Dead Lock
13 TH	1 ST	7.2 Locks, Live Lock, Dead Lock
	2 ND	7.2 Locks, Live Lock, Dead Lock
	3 RD	7.3 Serializability (only fundamentals)
	4 TH	7.3 Serializability (only fundamentals)
14 TH	1 ST	8.0 SECURITY AND INTEGRITY 8.1 Authorization and views
	2 ND	8.1 Authorization and views
	3 RD	8.2 Security constraints
	4 TH	8.2 Security constraints
15 TH	1 ST	8.2 Security constraints
	2 ND	8.3 Integrity Constraints
	3 RD	8.3 Integrity Constraints 8.4 Discuss Encryption
	4 TH	8.3 Integrity Constraints 8.4 Discuss Encryption
DISCIPLINE: CSE	SEMESTER:4TH	NAME OF THE TEACHING FACULTY: JHILI SETHY & Nayana Patel
SUBJECT: OS LAB	NO.OF DAYS/PER WEEK CLASS ALLOTTED:3	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	Write a Shell
	2 ND	Write command line
	3 RD	script to print the command line arguments in reverse order.
	4 TH	Print Reverse order

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2 ND	1 ST	Input Shell script to check given number
	2 ND	check given number
	3 RD	check the given number in palindrome Format.
	4 TH	Format is Palindrome or not.
3 RD	1 ST	Array
	2 ND	Shorting array
	3 RD	Merging Array
	4 TH	Ascending Array
4 TH	1 ST	bubble sort.
	2 ND	Searching
	3 RD	Sequential Searching
	4 TH	Sequential Searching in Array
5 TH	1 ST	Binary Searching
	2 ND	Examples of Binary Searching
	3 RD	Edit and Print
	4 TH	Shell Script on Accept any two files
6 TH	1 ST	Check Files
	2 ND	Permission of check Shell file
	3 RD	Read path name
	4 TH	Creat path event
7 TH	1 ST	Create A,under A,Creat B,under B,Creat c
	2 ND	Case Statement
	3 RD	Illustrate Create statement
	4 TH	Illustrate Case-Statement
8 TH	1 ST	In Shell script accept file name as argument
	2 ND	Create another Shell script & re-creates file
	3 RD	Compare original format in original content
	4 TH	Write a shell to demonstrate terminal locking
9 TH	1 ST	Write a shell to demonstrate terminal locking accept valid of login names
	2 ND	If the login name is valid then print in home directory else in appropriate message
	3 RD	Write a Shell Script to read the file name
	4 TH	Change the existing file permission
10 TH	1 ST	Valid and Print
	2 ND	Write a Shell Script to print current month callender
	3 RD	Replace the current date by * or ** format
	4 TH	Write a Shell Script display the menu
11 TH	1 ST	Menu consisting to display disk space
	2 ND	Total memory usess using memory function
	3 RD	Write C Programme in child Process
	4 TH	Execute
12 TH	1 ST	Edit and Print
	2 ND	Print Owner Process
	3 RD	Id and Parent
	4 TH	Process Id and Print

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13 TH	1 ST	Write a C Programme to Prompt Variable
	2 ND	Check edit, Print, variables
	3 RD	Validity and Print the appropriate message
	4 TH	Write a Programme to print the appropriate message
14 TH	1 ST	Edit and Print the Exact Message
	2 ND	Use in C Progrmme N number of Students name, registration number
	3 RD	Apply in C Progrmme N number of Students name, registration number
	4 TH	Read N number of Students name, registration number
15 TH	1 ST	Read N number of Students name, registration number
	2 ND	Edit Student name, registration number
	3 RD	Print Student name, registration number
	4 TH	Find eldest Display
DISCIPLINE : CSE	SEMESTER:4TH	NAME OF THE TEACHING FACULTY: SMT REETANJALI PANDA & SASMITA PANIGRAHI
SUBJECT : NW LAB	NO.OF DAYS/PER WEEK CLASS ALLOTTED : 6	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023 NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	1. Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network
	2 ND	1. Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network
	3 RD	1. Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network
	4 TH	1. Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network
	5 th	1. Recognize the physical topology and cabling (coaxial, OFC, UTP, STP) of a network
	6 th	2. Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST
2 ND	1 ST	2. Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST
	2 ND	2. Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST
	3 RD	2. Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST
	4 TH	2. Recognition and use of various types of connectors RJ-45, RJ-11,BNC and SCST
	5 th	3. Making of cross cable and straight cable
	6 th	3. Making of cross cable and straight cable
3 RD	1 ST	3. Making of cross cable and straight cable
	2 ND	3. Making of cross cable and straight cable
	3 RD	3. Making of cross cable and straight cable

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	4 TH	4. Install and configure a network interface card in a workstation
	5 th	4. Install and configure a network interface card in a workstation
	6 th	4. Install and configure a network interface card in a workstation
4 TH	1 ST	4. Install and configure a network interface card in a workstation
	2 ND	4. Install and configure a network interface card in a workstation
	3 RD	4. Install and configure a network interface card in a workstation
	4 TH	5. Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation
	5 th	5. Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation
	6 th	5. Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation
5 TH	1 ST	5. Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation
	2 ND	5. Identify the IP address of a workstation and the class of the address and configure the IP Address on a workstation
	3 RD	6. Managing user accounts in windows and LINUX
	4 TH	6. Managing user accounts in windows and LINUX
	5 th	6. Managing user accounts in windows and LINUX
	6 th	6. Managing user accounts in windows and LINUX
6 TH	1 ST	7. Sharing of Hardware resources in the network.
	2 ND	7. Sharing of Hardware resources in the network.
	3 RD	7. Sharing of Hardware resources in the network.
	4 TH	7. Sharing of Hardware resources in the network.
	5 th	7. Sharing of Hardware resources in the network.
	6 th	8. Use of Netstat and its options
7 TH	1 ST	8. Use of Netstat and its options
	2 ND	8. Use of Netstat and its options
	3 RD	8. Use of Netstat and its options

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	4 TH	8. Use of Netstat and its options
	5 th	9. Connectivity troubleshooting using PING, IPCONFIG
	6 th	9. Connectivity troubleshooting using PING, IPCONFIG
8 TH	1 ST	9. Connectivity troubleshooting using PING, IPCONFIG
	2 ND	9. Connectivity troubleshooting using PING, IPCONFIG
	3 RD	9. Connectivity troubleshooting using PING, IPCONFIG
	4 TH	10. Installation of Network Operating System(NOS)
	5 th	10. Installation of Network Operating System(NOS)
	6 th	10. Installation of Network Operating System(NOS)
9 TH	1 ST	10. Installation of Network Operating System(NOS)
	2 ND	10. Installation of Network Operating System(NOS)
	3 RD	11. Create a network of at least 6 computers
	4 TH	11. Create a network of at least 6 computers
	5 th	11. Create a network of at least 6 computers
	6 th	11. Create a network of at least 6 computers
10 TH	1 ST	11. Create a network of at least 6 computers
	2 ND	12. Study of Layers of Network and Configuring Network Operating System
	3 RD	12. Study of Layers of Network and Configuring Network Operating System
	4 TH	12. Study of Layers of Network and Configuring Network Operating System
	5 th	12. Study of Layers of Network and Configuring Network Operating System
	6 th	12. Study of Layers of Network and Configuring Network Operating System
11 TH	1 ST	13. Study of Routing and Switching, configuring of Switch and Routers, troubleshooting of networks
	2 ND	13. Study of Routing and Switching, configuring of Switch and Routers, troubleshooting of networks
	3 RD	13. Study of Routing and Switching, configuring of Switch and Routers, troubleshooting of networks
	4 TH	13. Study of Routing and Switching, configuring of Switch and Routers, troubleshooting of networks
	5 th	13. Study of Routing and Switching, configuring

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		of Switch and Routers, troubleshooting of networks
	6 th	14. Study of Scaling of Networks, Design verities of LAN and forward of Traffic
12 TH	1 ST	14. Study of Scaling of Networks, Design verities of LAN and forward of Traffic
	2 ND	14. Study of Scaling of Networks, Design verities of LAN and forward of Traffic
	3 RD	14. Study of Scaling of Networks, Design verities of LAN and forward of Traffic
	4 TH	14. Study of Scaling of Networks, Design verities of LAN and forward of Traffic
	5 th	15. Study WAN concepts and Configure and forward Traffic in WAN
	6 th	15. Study WAN concepts and Configure and forward Traffic in WAN
13 TH	1 ST	15. Study WAN concepts and Configure and forward Traffic in WAN
	2 ND	15. Study WAN concepts and Configure and forward Traffic in WAN
	3 RD	15. Study WAN concepts and Configure and forward Traffic in WAN
	4 TH	16. Configure IPv4 and IPv6 and learn Quality, security and other services
	5 th	16. Configure IPv4 and IPv6 and learn Quality, security and other services 16. Configure IPv4 and IPv6 and learn Quality, security and other services
	6 th	16. Configure IPv4 and IPv6 and learn Quality, security and other services
14 TH	1 ST	16. Configure IPv4 and IPv6 and learn Quality, security and other services
	2 ND	16. Configure IPv4 and IPv6 and learn Quality, security and other services
	3 RD	17. Learn Network programming
	4 TH	17. Learn Network programming
	5 th	17. Learn Network programming
	6 th	17. Learn Network programming
15 TH	1 ST	17. Learn Network programming
	2 ND	18. Troubles shoot Networks
	3 RD	18. Troubles shoot Networks
	4 TH	18. Troubles shoot Networks
	5 th	18. Troubles shoot Networks
	6 th	18. Troubles shoot Networks
DISCIPLINE:CSE	SEMESTER:4TH	NAME OF THE TEACHING FACULTY:SUMITRA MAHAPATRA AND K. TANAYA ACHARYA
SUBJECT: DBMS LAB	NO.OF DAYS/PER WEEK CLASS ALLOTTED:4	SEMESTER FROM DATE: 14/02/2023 TO DATE: 23/05/2023

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		NO.OF WEEKS:15
WEEK	CLASS DAY	THEORY/PRACTICAL TOPICS
1 ST	1 ST	Create employee table with field names emp_no, emp_name , emp_salary, emp_designation, emp_jobid ,job and start date, employees hire date . Insert 10 rows.
	2 ND	Create employee table with field names emp_id, emp_name , emp_salary, emp_designation, emp_jobid. Insert 10 rows.
	3 RD	Create department table with field names dept_name, dept_id, dept_location, dept_no. Insert 8 rows.
	4 TH	Create deartment table with field names dept_name, dept_id, dept_location. Insert 8 rows.
2 ND	1 ST	Show the structure of department table. Select all data from dept table. Create a query to display unique jobs from the emp table.
	2 ND	Show the structure of department table. Select all data from dept table. Create a query to display unique jobs from the emp table.
	3 RD	Create a query to display the Name and salary of employees earning more than Rs.2850.Save the query and run it.
	4 TH	Create a query to display the Name and salary of employees earning more than Rs.2850.Save the query and run it.
3 RD	1 ST	Create a query to display the employee name and department no. for employee no. 7566. Save the query and run it.
	2 ND	Display the employee name, job and start date of employees hire date between Feb.20.1981 and May 1, 1981. Order the query in ascending order of start date.
	3 RD	Display the employee name, job and start date of employees hire date between Feb.20.1981 and May 1, 1981. Order the query in ascending order of start date.
	4 TH	Display the employee name, job and start date of employees hire date between Feb.20.1981 and May 1, 1981. Order the query in ascending order of start date.
4 TH	1 ST	Display the name and title of all employees who don't have a Manager.
	2 ND	Display the name and title of all employees who don't have a Manager.
	3 RD	Display the name, salary and comm. For all

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		employee who earn comm. Sort data in descending order of salary and comm.
	4 TH	Display the name, salary and comm. For all employee who earn comm. Sort data in descending order of salary and comm.
5 TH	1 ST	Display the name job, salary for all employees whose job is Clerk or Analyst their salary is not equal to Rs.1000, Rs.3000, Rs.5000.
	2 ND	Display the name job, salary for all employees whose job is Clerk or Analyst their salary is not equal to Rs.1000, Rs.3000, Rs.5000.
	3 RD	Write a query to display the date. Label the column DATE.
	4 TH	Write a query to display the date. Label the column DATE.
6 TH	1 ST	Create a unique listing of all jobs that are in department 30.
	2 ND	Create a unique listing of all jobs that are in department 30.
	3 RD	Write a query to display the name, department number and department name for all employees.
	4 TH	Write a query to display the name, department number and department name for all employees.
7 TH	1 ST	Write a query to display the employee name, department name, and location of all employee who earn a commission
	2 ND	Write a query to display the employee name, department name, and location of all employee who earn a commission
	3 RD	Write a query to display the name, job, department number and department name for all employees who works in DALLAS.
	4 TH	Write a query to display the name, job, department number and department name for all employees who works in DALLAS.
8 TH	1 ST	Write a query to display the name, job, department number and department name for all employees who works in DALLAS.
	2 ND	Write a query to display the number of people with the same job. Save the query @ run it.
	3 RD	Write a query to display the number of people with the same job. Save the query @ run it.
	4 TH	Create a query to display the employee name and hire date for all employees in same department.
9 TH	1 ST	Create a query to display the employee name and

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		hire date for all employees in same department.
	2 ND	Display the employee name and salary of all employees who report to KING.
	3 RD	Display the employee name and salary of all employees who report to KING.
	4 TH	Display the name, department name and salary of any employee whose salary and commission matches both the salary and commission of any employee located in DALLAS.
10 TH	1 ST	Display the name, department name and salary of any employee whose salary and commission matches both the salary and commission of any employee located in DALLAS.
	2 ND	Display the name, department name and salary of any employee whose salary and commission matches both the salary and commission of any employee located in DALLAS.
	3 RD	Create a student database table using create command using Regd. No as Primary Key , insert data of your class.
	4 TH	Create a student database table using create command using Regd. No as Primary Key , insert data of your class.
11 TH	1 ST	Create a student database table using create command using Regd. No as Primary Key , insert data of your class.
	2 ND	Create a student database table using create command using Regd. No as Primary Key , insert data of your class.
	3 RD	Create a student database table using create command using Regd. No as Primary Key , insert data of your class.
	4 TH	Delete the information of student having roll No -15 and City- Bhubaneswar. Rename the Student database table to STUDENT INFORMATION.
12 TH	1 ST	Delete the information of student having roll No -15 and City- Bhubaneswar. Rename the Student database table to STUDENT INFORMATION.
	2 ND	Delete the information of student having roll No -15 and City- Bhubaneswar. Rename the Student database table to STUDENT INFORMATION.
	3 RD	Practice of all Data Retrieval, DML commands used in Oracle by writing queries.
	4 TH	Practice of all Data Retrieval, DML commands used in Oracle by writing queries.
13 TH	1 ST	Practice of all Data Retrieval, DML commands used in Oracle by writing queries.

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	2 ND	Practice of all Data Retrieval ,DDL commands used in Oracle by writing queries.
	3 RD	Practice of all Data Retrieval ,DDL commands used in Oracle by writing queries.
	4 TH	Practice of all Data Retrieval ,DDL commands used in Oracle by writing queries.
14 TH	1 ST	Practice of all Data Retrieval, TCL commands used in Oracle by writing queries.
	2 ND	Practice of all Data Retrieval, TCL commands used in Oracle by writing queries.
	3 RD	Practice of all Data Retrieval, TCL commands used in Oracle by writing queries.
	4 TH	Practice of all Data Retrieval, DCL commands used in Oracle by writing queries.
15 TH	1 ST	Practice of all Data Retrieval, DCL commands used in Oracle by writing queries.
	2 ND	Practice of all Data Retrieval, DCL commands used in Oracle by writing queries.
	3 RD	Practice of all Data Retrieval, DML, DDL, TCL and DCL commands used in Oracle by writing queries.
	4 TH	Practice of all Data Retrieval, DML, DDL, TCL and DCL commands used in Oracle by writing queries.