



SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY
LESSON PLAN (SUMMER 2023)

Discipline- Computer Science & Engineering	Semester-6th	Faculty Name- Bharati Nayak
Subject- Cloud Computing	No of days/ per week class allotted-4	Semester from date- 14/02/2023 to 23/05/2023 No of weeks-16
Week	Class day	Theory Topics
FEB 3RD	14.02.2023	Introduction To Cloud Computing, Historical development
	15.02.2023	Vision of Cloud Computing
	17.02.2023	Characteristics of Cloud computing
FEB 4TH	20.02.2023	Cloud computing Reference mode
	21.02.2023	Cloud computing environment
	22.02.2023	Cloud Service requirements
	24.02.2023	Cloud and Dynamic Infrastructure
FEB 5TH	27.02.2023	Cloud Adoption, Cloud applications
	28.02.2023	Cloud Computing Architecture
MAR 1ST	01.03.2023	Introduction, Cloud Reference Model
	03.03.2023	Types of Clouds
MAR 2ND	06.03.2023	Cloud Interoperability and standards
	07.03.2023	Cloud computing Interoperability use cases
	08.03.2023	Role of standards in Cloud Computing environment
	10.03.2023	Scalability and Fault Tolerance
MAR 3RD	13.03.2023	Scalability and Fault Tolerance
	14.03.2023	Cloud solutions, Cloud Ecosystem
	15.03.2023	Cloud Business process management
	17.03.2023	Portability and Interoperability
MAR 4TH	20.03.2023	Cloud Service management
	21.03.2023	Cloud Offerings
	22.03.2023	Testing under Control
	24.03.2023	Cloud service Controls
MAR 5TH	27.03.2023	Virtual desktop Infrastructure
	28.03.2023	Cloud Management and Virtualisation Technology
	29.03.2023	Create a virtualised Architecture
	31.03.2023	Data Centre, Agility
APR 2ND	03.04.2023	Cisco Data Centre Network architecture
	04.03.2023	Storage, Provisioning
	05.04.2023	CLASS TEST
	07.04.2023	Asset Management
APR 3RD	10.04.2023	Concept of Map Reduce
	11.04.2023	Cloud Governance, Load Balancing
	12.04.2023	High Availability
	14.04.2023	Disaster Recovery
APR 4TH	17.04.2023	Virtualisation
	18.04.2023	DOUBT CLEARING CLASS
	19.04.2023	Network Virtualisation
	21.04.2023	Desktop and Application Virtualisation
APR 5TH	24.04.2023	Desktop as a service
	25.04.2023	Local desktop Virtualisation
	26.04.2023	Virtualisation benefits, Server Virtualisation
	28.04.2023	Block and File level Storage Virtualisation
MAY 1ST	01.05.2023	Virtual Machine Monitor
	02.05.2023	Infrastructure Requirements
	03.05.2023	VLAN and VSAN, Cloud Security
	05.05.2023	Cloud Security Fundamentals, Cloud security services
	06.05.2023	Design Principles

TECHNOLOGY		
MAY 2ND	08.05.2023	Secure Cloud software requirements, Policy Implementation
	09.05.2023	Cloud Computing Security Challenges
	12.05.2023	Architectural Considerations
	13.05.2023	Information Classification, Virtual Private Networks
MAY 3RD	15.05.2023	Public Key and Encryption Key management
	16.05.2023	Digital certificates, Key management
	19.05.2023	Memory Cards, Implementing Identity Managemem
	20.05.2023	Controls and Autonomic System, Cloud Information security vendor
MAY 4TH	22.05.2023	Cloud Federation, characterization
	23.05.2023	Cloud Federation stack, Third Party Cloud service
	24.05.2024	Case study, Hadoop-Introduction, Data Source
	25.05.2024	Data storage and Analysis, Comparison with other system

Total no. of Classes: 60
 No. of Theory Classes: 40
 No. of Tutorial Classes: 10
 No. of Digital Classes: 5
 No. of PPT Classes: 5


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