Discipline: Information Technology	Semester : 6th	Name of the Teaching faculty: PranatiPattanaik
Subject :	No.of Days/per week class allotted : 04	Semester from date : 10/03/2021 to 30/06/2021
Cloud Computing	Class Day	No. of weeks : 15
		Theory / Practical Topics
March 2nd	10/3/2022	Historical development , Vision of Cloud Computing
	12/3/2022	Characteristics of Cloud computing
March 3rd	14/03/2022	Cloud computing Reference model
	15/03/2022	Cloud computing environment
	16/03/2022	Cloud Service requirements, Cloud and Dynamic Infrastructure
	17/03/2022	Cloud Adoption
March 4th	21/03/2022	Cloud applications Introduction
	22/03/2022	Cloud Reference model
	23/03/2022	Types of Clouds Cloud Interoperability
	24/03/2022	Cloud standards
	26/03/2022	Cloud computing Interoperability use cases
March 5th	28/03/2022	Role of standards in Cloud Computing environment
	29/03/2022	Question Answer Discussion/Quiz
	30/03/2022	Introduction Scalability
	31/03/2022	Fault Tolerance, Cloud solutions
April 1st	2/4/2022	Cloud Ecosystem Cloud Business process management
April 2nd	4/4/2022	Portability and Interoperability
	5/4/2022	Cloud Service management
	6/4/2022	Cloud Offerings
	7/4/2022	Testing under Control
	9/4/2022	Cloud service Controls
April 3rd	11/4/2022	Virtual desktop Infrastructure
	12/4/2022	Create a virtualised Architecture
	13/04/2022	Data Centre Resilience
	16/04/2022	Agility Cisco Data Centre Network architecture
April 4th	18/04/2022	Storage , Provisioning Asset Management
	19/04/2022	Concept of Map Reduce , Cloud
	20/04/2022	Goverance , Load Balancing
	21/04/2022	High Availability , Disaster Recovery
	23/04/2022	Virtualisatio,NetworkVirtualisation
April 5th	25/04/2022	Desktop and Application Virtualisation
	26/04/2022	Desktop as a service
	27/04/2022	Local desktop Virtualisation
	28/04/2022	Virtualisation benefits
	30/04/2022	Server Virtualisation
May 1st	2/5/2022	Block and File level Storage Virtualisation
	4/5/2022	Virtual Machine Monitor
	5/5/2022	Infrastructure Requirements
	7/5/2022	VLAN and VSAN Cloud Security Fundamentals

May 2nd	9/5/2022	Cloud security services
	10/5/2022	Design Principles
	11/5/2022	Secure Cloud software requirements,
	12/5/2022	Policy Implementation
	14/5/2022	Cloud Computing Security Challenges
May 3rd	17/05/2022	Architectural Considerations
	18/05/2022	Information Classification
	19/05/2022	Virtual Private Networks
	21/05/2022	Public Key and Encryption Key management
May 4th	23/05/2022	Digital certificates
	24/05/2022	Key management
	25/05/2022	Memory Cards, Implementing Identity Management
	26/05/2022	Controls and Autonomic System
	28/05/2022	Cloud Information security vendors
June 1st	1/6/2022	Cloud Federation
	2/6/2022	Characterization
	4/6/2022	Cloud Federation stack
June 2nd	6/6/2022	Third Party Cloud service, Case study,
	7/6/2022	Hadoop Introduction
	8/6/2022	Data Source
	9/6/2022	Data storage and Analysis