	Academic
Department : Information	Semester : 6th
Technology	
Week	Days
Subject: Cloud Computing	No.of days/per week
	class allotted . 4p/week.
Feb 3rd week	1 st
	2 nd
	3 rd
Feb 4th week	1 st
	2 nd
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Feb 5th week	1 st
	2 nd
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March 1st week	1 st
	2 nd
March 2nd week	1 st
	2 nd
March 3rd week	1 st
	2 nd
	3 rd
	0
	4
March 4th week	1 st
	2 nd
	2 rd
	5 ⊿th
March 5th week	4 ⊿st
	3.4
April 2nd week	1 st
	2 nd
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April 3rd week	1 st
	2 nd
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April 1th wash	4
April 4th week	1~

	2 nd
	3 rd
	4 th
May 1st week	1 st
	2 nd
	3 rd
	4 th
May 2nd week	1 st
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May 3rd week	1 st
	2 nd
	3 rd
	4 th
May 4th week	1 st
	2 nd

Lesson Plan of Summer 2023

Theory Semester from : 14th Feb 2023 to 23rd May 2023 No. of weeks:15 weeks Topics to be covered: Introduction To Cloud Computing, Historical development Characteristics of Cloud computing, Cloud computing Reference mode Cloud computing environment, Cloud Service requirements, Cloud and Dynamic Infrastructure Principles of security Cloud Adoption,. Cloud applications REVISION Introduction to Cloud Computing Architecture Cloud Reference Model,. Types of Clouds Cloud Interoperability and standards.Cloud computing Interoperability use cases Role of standards in Cloud Computing environment REVISION Introduction to Scalability and Fault Tolerance,Cloud solutions Cloud Ecosystem,Cloud Business process management Introduction to Scalability and Fault Tolerance,Cloud solutions Cloud Offerings,Testing under Control,Data Centre,Resilience, Agility Cloud Management and Virtualisation Technology, Create a virtualised Architecture Data Center Network architecture,Storage Provisioning,Asset Management,Concept of Map Reduce Cloud Goverance,Load Balancing,High Availability,Disaster Recovery REVISION <	Name of the teaching faculty: Pranati Pattnaik		
Semester from : 14th Feb 2023 to 23rd May 2023 No. of weeks: 15 weeks Topics to be covered: Introduction To Cloud Computing, Cloud computing Reference mode Cloud computing environment, Cloud Service requirements, Cloud and Dynamic Infrastructure Principles of security Cloud Adoption., Cloud applications REVISION Introduction to Cloud Computing Architecture Cloud Reference Model,. Types of Clouds Cloud Interoperability and standards.Cloud computing Interoperability use cases Role of standards in Cloud Computing environment REVISION Introduction to Scalability and Fault Tolerance,Cloud solutions Cloud Decosystem,Cloud Business process management Introduction to Scalability and Fault Tolerance,Cloud solutions Cloud Offerings,Testing under Control,Data Centre,Resilience, Agility Cloud Management and Virtualisation Technology, Create a virtualised Architecture Data Center,Resillence,Agility Cisco Data Centre Network architecture,Storage Provisioning,Asset Management,Concept of Map Reduce Cloud Goverance,Load Balancing,High Availability,Disaster Recovery REVISION Virtualisation, Betwork Virtualisation Virtualisa	Theory		
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Cloud Computing Security Architecture, Architectural Consideration
Information Classification, Virtual Private Networks
Digital certificates,Key management,Memory Cards
Implementing Identity Management
Public Key and Encryption Key management
Controls and Autonomic System
REVISION
Market Based Management of Clouds
Cloud Information security vendors
Cloud Federation, charactrization, Cloud Federation stack
Third Party Cloud service
Case study
Data Source
Data storage and Analysis
Comparison with other system
Revision & Semester Question Answer Discussion
Revision & Semester Question Answer Discussion

Signature of the Faculty