

Discipline:	CSE	Semester:	8th	Name of the Teaching Faculty: Amitav Parida	
Subject:	CE	No of Days/Week Class Allotted:	4	Semester From date: 13.2.23 To date: 23.5.23	No. of Weeks: 12
WEEK	Class Day	Theory Topics			
1	1st	Historical Development			
	2nd	vision of cloud computing			
	3rd	characteristics of cloud computing			
	4th	cloud computing Reference model			
	5th				
2	1st	Introduction of cloud computing Architecture			
	2nd	cloud computing environment			
	3rd	Introduction			
	4th	cloud Reference model			
	5th				
3	1st	Types of clouds			
	2nd	cloud interoperability and standards.			
	3rd	cloud computing interoperability use cases.			
	4th	Role of standards in cloud computing environment			
	5th				

WEEK	Class Day	Theory Topics
4	1st	Introduction
	2nd	Scalability and Fault Tolerance
	3rd	Cloud solution
	4th	cloud Ecosystem
	5th	
5	1st	cloud Business process management
	2nd	Portability and process management
	3rd	cloud services management
	4th	Agility
	5th	
6	1st	Cisco Data centre Network architecture
	2nd	Storage
	3rd	Provisioning
	4th	concept of map Reduce
	5th	

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Subject:	CC	No of Days/Week Class Allotted: _____	Semester From date: _____ To date _____	No. of Weeks:
WEEK	Class Day	Theory Topics		
7	1st	virtualisation		
	2nd	Network virtualisation		
	3rd	Desktop and application virtualisation		
	4th	1		
	5th			
8	1st	Desktop and services		
	2nd	Local Desktop virtualisations.		
	3rd	virtualisation benefits		
	4th	Server virtualisations		
	5th			
9	1st	virtual machine monitor		
	2nd	Introduction to cloud security		
	3rd	meaning of policy implementation		
	4th	Architecture consideration		
	5th			

WEEK	Class Day	Theory Topics
10	1st	cloud computing security challenges
	2nd	Information classification
	3rd	Third party cloud service
	4th	case study
	5th	
11	1st	Basic concept of Hadoop
	2nd	introduction
	3rd	Data source
	4th	Data storage and Analysis
	5th	
12	1st	comparison with other system.
	2nd	
	3rd	
	4th	
	5th	

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