

# PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



## PROGRESS REGISTER Session-2022-2023

Discipline: Computer Science & Engg.

Semester: 6th

Subject:

cloud computing

Name of the Teaching Faculty:

P. K. SATAPATHY

Subject: CC No. of Days/per week class allotted 04Semester From Date : 14/2/23 To Date : 23/5/23 No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14/2/23	Historical dev & vision of CC	Exp/plan	Vision of CC	Pub
15/2/23	Ref. model & characteristics	Ref. model	Diagram & Explanation	Pub
16/2/23	Environments & Service req.	Exp/plan	Data security	Pub
17/2/23	Dynamic Infra. & Appln	Exp/plan	Service management	Pub
21/2/23	cloud adoption	cloud adoption	Diagram Exp/plan	Pub
22/2/23	Architecture	Architecture	Exp/plan	Pub
23/2/23	Ref. model	Ref model	Model Exp/plan	Pub
24/2/23	Types of clouds	Types of clouds	Private, Public, Protected Hybrid.	Pub
28/2/23	cloud interoperability	Exp/plan	causes	Pub
1/3/23	standards	standards	Examples	Pub
2/3/23	Use cases	Use cases	mechanism	Pub



Subject: CC No. of Days/per week class allotted 04

Semester From Date : 14/2/23 To Date : 23/5/23 No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/3/23	Role of standards	Role of standards	Roles Expln	Pu
9/3/23	Comparison of clouds	Comparison of clouds	difference	Pu
10/3/23	Scalability & fault tolerance	scalability & fault toler <sup>n</sup>	Requirement	Pu
14/3/23	cloud solutions	cloud sol <sup>n</sup>	cloud sol <sup>n</sup>	Pu
15/3/23	ecosystem	ecosystem	study of complex system	Pu
16/3/23	BPM	BPM	cross functional	Pu
17/3/23	Portability	Portability	it's requirement	Pu
21/3/23	cloud service mgmt	cloud service mgmt	visibility control	Pu
22/3/23	Testing under Control	Testy under Control	Latency, functional	Pu
23/3/23	VDI	Control	Benefits	Pu
24/3/23	Virtualized Arch	uses	Benefits	Pu

Subject: CC No. of Days/per week class allotted 04

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
28/3/23	Data Center	Resilience	Examples	PL
29/3/23	Cisco DCNA	Cisco DCNA	Diagram Explan	PL
31/3/23	Storage	Storage	Storage requirements	PL
4/4/23	Provisioning	Provisioning	Advanced, Dynamic, self	PL
5/4/23	Asset mgmt & map reduce	Concepts	uses	PL
6/4/23	Cloud Governance	Load Balancing	Reason of Governance	PL
7/4/23	High availability & Recovery	Recovery	equation	PL
11/4/23	Virtualization & N/w virtualization	Concepts	it's Need	PL
12/4/23	Desktop virtualization	Concepts	it's need	PL
13/4/23	Desktop as a service	Concepts of service	VDI	PL
14/4/23	Local desktop virtualization	Local desktop virtualization	uses, benefits	PL



Subject: CC No. of Days/per week class allotted 04Semester From Date : 14/2/23 To Date : 23/5/23 No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
18/4/23	Virtualization Benefits	Server virtualization	Benefits	Pu
19/4/23	Block & file level - virtualization	concepts	file storage mgmt	Pu
20/4/23	VMM	its Infrastructure	uses & Appl'n.	Pu
21/4/23	VLAN & VSAN	VLAN & VSAN	use, appl'n.	Pu
25/4/23	Need of cloud security	Importance	its Need	Pu
26/4/23	fundamentals	concepts	Security Examples	Pu
27/4/23	cloud security services	security service	Benefits	Pu
28/4/23	Design Requirement	concepts	Explanation	Pu
2/5/23	Design principles	concepts	Explanation	Pu
3/5/23	Secure cloud s/w requirements	secure requirements	uses, Appl'n	Pu
4/5/23	Policy implementation	concepts	uses	Pu

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Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
5/5/23	Security Challenges	concepts	Benefits	PR
9/5/23	Information classification	concepts	Benefits	PR
10/5/23	VPN public Key	uses	Benefits of Key mgmt.	PR
11/5/23	Digital Certificates	it's mgmt	use of DC	PR
12/5/23	Implementation Identity mgmt	it's uses	goal	PR
19/5/23	Autonomic system	Benefits	uses	PR
23/5/23	cloud Information	Security vendors	it's types	PR
24/5/23	cloud federation	it's characteristics	roles & uses	PR
25/5/23	Third party cloud service	uses	Benefits	PR
26/5/23	case study	case study	Explanatory	PR
30/5/23	Hadoop	concepts	Explanatory	PR



