

LESSON PLAN	
JHARSUGUDA ENGINEERING SCHOOL, JHARSUGUDA	
Name of the Faculty: JYOTI NAIK	Academic Year: 2019-20
Course No.: ETT-604	Course Name: CLOUD COMPUTING
Programme: Diploma	Branch: Electronics & Telecommunication Engg.
Year/Sem: III / VI	Section: NA

Sl. No.	Period	Time (min)	Unit	Topic to be Covered	Teaching Method
1.	1.	55	1	Introduction to Cloud Computing	Chalk & Board
2.	2.	55	1	Concept of Distributed Computing	Chalk & Board
3.	3.	55	1	Difference between Distributed Computing and Cloud computing	Chalk & Board
4.	4.	55	1	Explaining the various characteristics of Cloud Computing	Chalk & Board
5.	5.	55	1	Explanation of Cloud Architecture	Audio-visual using Smart Class
6.	6.	55	1	Explanation of various Cloud Services- IaaS, PaaS, SaaS and DaaS	Chalk & Board
7.	7.	55	1	Concept of Service oriented computing and Cloud Environment	Chalk & Board
8.	8.	55	1	Revision of the Unit-1	Chalk & Board
9.	9.	55	2	Introduction to Cloud Computing technology	Chalk & Board
10	10.	55	2	Explanation of Cloud- Client system.	Chalk & Board
11	11.	55	2	Accessing the cloud with platforms and Applications	Chalk & Board
12	12.	55	2	Concept of Cloud Storage	Chalk & Board
13	13.	55	2	How Cloud Storage works?	Audio-visual using Smart Class
14	14.	55	2	Types of Cloud Storage models	Chalk & Board
15	15.	55	2	Explanation of Different Cloud Storages- Private cloud and Public Cloud	Chalk & Board
16	16.	55	2	Explaining- Community Cloud and Hybrid Cloud	Chalk & Board
17	17.	55	2	Advantages of Cloud Storage	Chalk & Board
18	18.	55	2	Various security Challenges of Cloud Storage	Chalk & Board
19	19.	55	2	Ways to Overcome the Security Challenges	Chalk & Board
20	20.	55	2	Revision of Unit-2	Chalk & Board
21	21.	55	3	Introduction- Working with Cloud	Chalk & Board
22	22.	55	3	Cloud Architecture with its three layers- IaaS, PaaS and SaaS	Chalk & Board
23	23.	55	3	Infrastructure as a Service ( IaaS )	Chalk & Board
24	24.	55	3	Characteristics of IaaS	Chalk & Board
25	25.	55	3	Platform as a Service (PaaS)	Chalk & Board
26	26.	55	3	Characteristics of PaaS	Chalk & Board
27	27.	55	3	Software as a Service ( SaaS )	Chalk & Board
28	28.	55	3	Characteristics of SaaS	Chalk & Board

29	29.	55	3	Revision of Unit-3	Chalk & Board
30	30.	55	4	Concept of Cloud Collaboration	Audio-visual using Smart Class
31	31.	55	4	Collaborating on word Processing	Chalk & Board
32	32.	55	4	Benefits of Web- based Processors	Chalk & Board
33	33.	55	4	Examples of Web- based Word Processors	Chalk & Board
34	34.	55	4	Collaborating on Spreadsheets	Chalk & Board
35	35.	55	4	Collaborating on Cloud Databases	Chalk & Board
36	36.	55	4	Benefits of Collaborating Cloud based Databases	Chalk & Board
37	37.	55	4	Case studies with Calendars and Schedulers	Chalk & Board
38	38.	55	4	Case studies with event management and Task Management	Audio –Visual using Smart Class
39	39.	55	4	Cloud applications in project management	Chalk & Board
40	40.	55	4	How to store files using Cloud Computing?	Chalk & Board
41	41.	55	4	Sharing Files and data using Cloud	Chalk & Board
42	42.	55	4	Sharing Digital Photographs using various Cloud services	Chalk & Board
43	43.	55	4	Revision of Unit-4	Chalk & Board
44	44.	55	5	Importance of Case Studies- Introduction	Chalk & Board
45	45.	55	5	Different Cloud Service Providers	Chalk & Board
46	46.	55	5	Microsoft Azure	Chalk & Board
47	47.	55	5	Google App Engine	Chalk & Board
48	48.	55	5	Controlling Open source Clouds with web- based Desktops	Chalk & Board
49	49.	55	5	Open Nebula	Chalk & Board
50	50.	55	5	Eucalyptus	Chalk & Board
51	51.	55	5	Various web- based Communication Tools	Audio –Visual
52	52.	55	5	Collaborating via web- based Communication Tools	Audio –Visual
53	53.	55	5	Collaborating via Blogs	Chalk & Board
54	54.	55	5	Collaborating via Wikis	Chalk & Board
55	55.	55	5	Collaborating via Social Networks	Chalk & Board
56	56.	55	5	Collaborating via Groupwares	Chalk & Board
57	57.	55	5	Revision of Unit-5	Chalk & Board
58	58.	55		Revision of Unit-1 & 2	Chalk & Board
59	59.	55		Revision of Unit-3 & 4	Chalk & Board
60	60.	55		Revision of Unit-5	Chalk & Board