

GANESH INSTITUTE OF ENGINEERING AND TECHNOLOGY, POLYTECHNIC

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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LESSON PLAN CUM PROGRESS REPORT

SUBJECT: CLOUD COMPUTING				SEMESTER: 6TH	BRANCH: COMPUTER SC. & ENGINEERING		
LECTURE NO.	CO	BTL	TOPIC TO BE COVERED	WEB REFERENCE IF ANY	PLAN DATE	ACTION DATE	REVIEW BY HOD
1	C01	1	Historical development Vision of Cloud Computing	https://www.youtube.com/watch?v=Dv0sjAYnVCY&list=PL9FuOtXibFjUE8MpVv6uiAWfj5E3dsBZR	22.12.25		
2	C01	1	Characteristics of Cloud computing	https://www.youtube.com/watch?v=3X4JfYf06_g	23.12.25		
3	C01	1	Cloud computing Reference model	https://www.youtube.com/watch?v=GKtCwEQqaMI	24.12.25		
4	C01	2	Cloud computing environment	https://www.youtube.com/shorts/LPwcPPfDU1Q	29.12.25		
5	C01	2	Cloud Service requirements	https://www.youtube.com/watch?v=92w8J-RO1tA	30.12.25		
6	C02	3	Cloud and Dynamic Infrastructure	https://www.youtube.com/watch?v=JqGY3VcyZTk&t=422s	31.12.25		
7	C02	3	Cloud Adoption	https://www.youtube.com/watch?v=d6usiB4MKq8	05.01.26		
8	C02	3	Cloud applications	https://www.youtube.com/watch?v=QJooOneaYg	06.01.26		
9	C02	2	Introduction Cloud Reference Model	https://www.youtube.com/watch?v=iGfm5-SISD0	07.01.26		
10	C02	2	Types of Clouds Cloud Interoperability and standards	https://www.youtube.com/watch?v=57yg6y5xEWE	12.01.26		
11	C02	1	Cloud computing Interoperability use cases	https://www.youtube.com/watch?v=i2KB7yNt35Y	13.01.26		
12	C03	1	Role of standards in Cloud Computing environment	https://www.youtube.com/watch?v=eul-tEmnHCw	19.01.26		
13	C03	1	Introduction Scalability and Fault Tolerance	https://www.youtube.com/watch?v=NHdcelhs3wl	20.01.26		
14	C03	2	Cloud solutions	https://www.youtube.com/watch?v=IsvpvCU6Oxs	21.01.26		

15	C03	1	Cloud Ecosystem Cloud Business process management	https://www.youtube.com/watch?v=GbVFpTYWKHU	27.01.26		
16	C03	2	Portability and Interoperability Cloud Service management	https://www.youtube.com/watch?v=57yg6y5xEWE	28.01.26		
17	C03	1	Cloud Offerings Testing under Control	https://www.youtube.com/watch?v=SZBzQ-Rg0K4	02.02.26		
18	C03	2	Cloud service Controls Virtual desktop Infrastructure	https://www.youtube.com/watch?v=KXCXbNTqB4c	03.02.26		
19	C03	1	Create a virtualised Architecture	https://www.youtube.com/watch?v=7yXILgZkiJM	04.02.26		
20	C03	3	Data Centre	https://www.youtube.com/watch?v=4ZE--Veswhw	09.02.26		
21	C03	1	Resilience Agility	https://www.youtube.com/watch?v=mOJPY1-iggc	10.02.26		
22	C03	2	Cisco Data Centre Network architecture	https://www.youtube.com/watch?v=YnMLzU3F4LA	11.02.26		
23	C03	1	Storage Provisioning	https://www.youtube.com/watch?v=k3RxOqftzsU	16.02.26		
24	C03	2	Asset Management	https://www.youtube.com/watch?v=XV_s5U0fvdU&list=PLwI4mVAzABofoy5ZaejKhvPp1SFdqjrv	17.02.26		
25	C03	1	Concept of Map Reduce	https://www.youtube.com/watch?v=pcTFiU7wKkQ	18.02.26		
26	C03	2	Cloud Governance	https://www.youtube.com/watch?v=h52qjoywkzc	23.02.26		
27	C03	1	Load Balancing	https://www.youtube.com/watch?v=TO3yGao_Vjs	24.02.26		
28	C03	2	High Availability	https://www.youtube.com/watch?v=b3CP0FYI8Wo	25.02.26		
29	C04	2	Disaster Recovery	https://www.youtube.com/watch?v=OmASCUEVY8	02.03.26		
30	C04	1	Virtualisation	https://www.youtube.com/watch?v=7yXILgZkiJM	09.03.26		

31	C04	3	Network Virtualisation	https://www.youtube.com/watch?v=ABrXGwNsFfA	10.03.26		
32	C04	2	Desktop and Application Virtualisation	https://www.youtube.com/watch?v=KXCXbNTqB4c	11.03.26		
33	C04	3	4. Desktop as a service	https://www.youtube.com/watch?v=5Em7GEso1x0	16.03.26		
34	C04	3	5. Local desktop Virtualisation	https://www.youtube.com/watch?v=KXCXbNTqB4c	17.03.26		
35	C04	1	Virtualisation benefits	https://www.youtube.com/watch?v=7yXILgZkiJM	18.03.26		
36	C04	3	Server Virtualisation	https://www.youtube.com/watch?v=eJEK5FKjfUk	23.03.26		
37	C05	1	Block and File level Storage Virtualisation	https://www.youtube.com/watch?v=OUq-zNNTxBQ	24.03.26		
38	C05	2	Virtual Machine Monitor	https://www.youtube.com/watch?v=OHWGUTsPUg	25.03.26		
39	C05	3	Infrastructure Requirements	https://www.youtube.com/watch?v=KKX2AJbelG8	30.03.26		
40	C05	3	VLAN and VSAN	https://www.youtube.com/watch?v=jC6MJTh9fRE	01.04.26		
41	C06	1	Cloud Security Fundamentals	https://www.youtube.com/watch?v=CWd5So5wsDs&list=PL_HS7IsXErLYXfAkJs-iqx1FgtQ5G5_0u	06.04.26		
42	C06	1	Cloud security services	https://www.youtube.com/watch?v=SMMemzKTF7s	07.04.26		
43	C06	1	Design Principles	https://www.youtube.com/watch?v=UmHMVU6dceA	08.04.26		
44	C06	2	. Secure Cloud software requirements	https://www.youtube.com/watch?v=HJni3Teikow	08.04.26		
45	C06	1	Policy Implementation	https://www.youtube.com/watch?v=PomuTi_Ljrs	09.04.26		
46	C06	1	. Cloud Computing Security Challenges	https://www.youtube.com/watch?v=GyLbqDT8Dvs	10.04.26		
47	C06	2	Architectural Considerations	https://www.youtube.com/watch?v=7CxrbyGsxC	11.04.26		
48	C06	1	Information Classification	https://www.youtube.com/watch?v=HveoT7WKPLw	13.04.26		
49	C06	3	Virtual Private Networks	https://www.youtube.com/watch?v=JFXBjIT5cGU	15.04.26		

50	C06	2	Public Key and Encryption Key management	https://www.youtube.com/watch?v=0ctat6RBrFo	16.04.26		
51	C06	3	Digital certificates	https://www.youtube.com/watch?v=HVdDo87yqe0	17.04.26		
52	C06	1	Key management	https://www.youtube.com/watch?v=hsqtpJSrZTM	18.04.26		
53	C06	1	Memory Cards	https://www.youtube.com/watch?v=HtgIHfqQiC8	20.04.26		
54	C06	2	Implementing Identity Management	https://www.youtube.com/watch?v=8CRWFUhwcsk	21.04.26		
55	C06	3	Controls and Autonomic System	https://www.youtube.com/watch?v=7dZHmKMLdC0	22.04.26		
56	C07	3	Cloud Information security vendors Cloud Federation, characterization	https://www.youtube.com/watch?v=dmGybCohHsw&list=PLxCzCOWd7aiHRHVUtR-O52MsrdUSrzuy4	23.04.26		
57	C07	2	Cloud Federation stack Third Party Cloud service	https://www.youtube.com/watch?v=ffs8HEbMPQw	24.04.26		
58	C07	2	Case study Hadoop Introduction	https://www.youtube.com/watch?v=g_x4D2V1MP4	25.04.26		
59	C07	1	Data Source Data storage and Analysis	https://www.youtube.com/watch?v=zASIPr4FwGM	27.04.26		
60	C07	1	Comparison with other system	https://www.youtube.com/shorts/1Qw-VTquFpE	28.04.26		

PRINCIPAL

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