AMBALA COLLEGE OF ENGINEERING AND APPLIED RESERACH
DEPTT. OF COMPUTER SCIENCE & ENGINEERING
LECTURE PLAN- (CSE-420N)

Name of Faculty: Er. Priyanka Gulati
Discipline: B.Tech(Computer Science & Engineering)
Semester: 8th
Subject: Cloud Computing
Lesson Plan Duration: 15 Weeks(15 Feb- July2021)
Work Load Per Week: L:T- 4:1

Week	Lecture No.	Theory
		Topic (including assignment & Test)
1ST	1	**Unit 1**: Overview Of Cloud Computing
	2	Recent Trends in Computing
	3	Introduction of Grid Computing
	4	Introduction of Cluster Computing
2ND	5	Evolution of Cloud Computing
	6	Cloud Computing Model
	7	History of Cloud Computing
	8	Cloud Service Provider
3RD	9	Revision
	10	Properties of cloud computing
	11	Characteristics and Disadvantage of Cloud Computing
	12	Pros Ande Cons of Cloud Computing
4TH	13	Revision
	14	Difference Between Cloud computing Vs Cluster Computing
	15	Role Of open Standards
	16	Revision And Test
5TH	17	Unit 2: CloudComputing Architecture
	18	Comparison with Traditional Computing
	19	How to Provide Service at Various Levels.
	20	Revision And Test
6TH	21	Role of Network in Cloud Computing
	22	Protocol Used in Cloud Computing
	23	Sessioanl-1
	24	Sessional-I

	25	Sessional-I
7TH	26	Role Of Web Services
	27	Service Models(XaaS, paaS, IaaS)
	28	Service Models(XaaS, paaS, IaaS)
8TH	29	Service Models(XaaS, paaS, IaaS)
	30	Deployment Model
	31	Deployment Model
	32	Revision and Test
9TH	33	**Unit 3:**Service Management in Cloud Computing
	34	Service Level Agreement
	35	Comparing With Scaling Hardware
	36	Traditional Vs Cloud
10TH	37	Managing data- look at Data, Scalability&Cloud Service
	38	Database and Data Stores in Cloud
	39	Sessioanl2
	40	Sessional2
11TH	41	Sessional2
	42	**Unit :4** Cloud SecurityNetwork Level Security, Host Level Security
	43	Application Level Security
	44	Data Privacy and Security Issues
12TH	45	Jurisdictional Issue raised by Data Location
	46	Identity &Access Management
	47	Aces Control, Trust, Reputation , Risk
	48	Authentication in Cloud Computing
13TH	49	Client Acess in cloud
	50	Cloud Contracting Model
	51	Commercial and Business Consideration
	52	Revision And Test
14TH	53	Sessional3
	54	Sessional3
	55	Sessional3
	56	