LESSON PLAN(SUMMER-2021)		
SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR		
Discipline- Computer Science & Engineering	**Semester-6th**	**Faculty Name- Bharati Nayak**
Subject- Cloud Computing	**No of days/ per week class alloted-5**	**Semester from date- 22/04/2021 to 13/08/2021** **No of weeks-16**
Week	**Class day**	**Theory Topics**
APRIL 3RD	4/22/2021	**Introduction To Cloud Computing**
	4/23/2021	**Historical development**
	4/24/2021	**Vision of Cloud Computing**
APRIL 4TH	4/26/2021	**Characteristics of Cloud computing**
	4/27/2021	**Cloud computing Reference mode**
	4/28/2021	**Cloud computing environment**
	4/29/2021	**Cloud Service requirements**
	4/30/2021	**Cloud and Dynamic Infrastructure**
MAY 1ST	5/1/2021	**Cloud Adoption**
	5/3/2021	**Cloud applications**
	5/4/2021	**Cloud Computing Architecture**
	5/5/2021	**Introduction**
	5/6/2021	**Cloud Reference Model**
	5/7/2021	**Types of Clouds**
MAY 2ND	5/10/2021	**Cloud Interoperability and standards**
	5/11/2021	**Cloud computing Interoperability use cases**
	5/12/2021	**Role of standards in Cloud Computing environment**
	5/13/2021	**Scalability and Fault Tolerance**
	5/14/2021	**Introduction**
MAY 3RD	5/17/2021	**Scalability and Fault Tolerance**
	5/18/2021	**Cloud solutions**
	5/19/2021	**Cloud Ecosystem**
	5/20/2021	**Cloud Business process management**
	5/21/2021	**Portability and Interoperability**
MAY 4TH	5/24/2021	**Cloud Service management**
	5/25/2021	**Cloud Offerings**
	5/26/2021	**Testing under Control**
	5/27/2021	**Cloud service Controls**
	5/28/2021	**Virtual desktop Infrastructure**
	5/31/2021	**Cloud Management and Virtualisation Technology**
JUNE 1ST	6/1/2021	**Create a virtualised Architecture**
	6/2/2021	**Data Centre**
	6/3/2021	**Agility**
	6/4/2021	**Cisco Data Centre Network architecture**
JUNE 2ND	6/7/2021	**Storage**
	6/8/2021	**Provisioning**
	6/9/2021	**Asset Management**
	6/10/2021	**Concept of Map Reduce**
	6/11/2021	**Cloud Goverance**
JUNE 3RD	6/17/2021	**Load Balancing**
	6/18/2021	**High Availability**
	6/21/2021	**Disaster Recovery**
	6/22/2021	**Virtualisation**
	6/23/2021	**Virtualisation**
	6/24/2021	**Betwork Virtualisation**
	6/25/2021	**Desktop and Application Virtualisation**

JUNE 4TH	6/28/2021	**Desktop as a service**
	6/29/2021	**Local desktop Virtualisation**
	6/30/2021	**Virtualisation benefits**
JULY 1ST	7/1/2021	**Server Virtualisation**
	7/2/2021	**Block and File level Storage Virtualisation**
	7/5/2021	**Virtual Machine Monitor**
	7/6/2021	**Infrastructure Requirements**
	7/7/2021	**VLAN and VSAN**
	7/8/2021	**Cloud Security**
	7/9/2021	**Cloud Security Fundamentals**
JULY 2ND	7/12/2021	**Cloud security services**
	7/13/2021	**. Design Principles**
	7/14/2021	**Secure Cloud software requirements**
	7/15/2021	**Policy Implementation**
	7/16/2021	**Cloud Computing Security Challenges**
JULY 3RD	7/19/2021	**Cloud Computing Security Architecture**
	7/20/2021	**Architectural Considerations**
	7/21/2021	**Information Classification**
	7/22/2021	**Virtual Private Networks**
	7/23/2021	**Public Key and Encryption Key management**
JULY 4TH	7/26/2021	**Digital certificates**
		Key management
	7/27/2021	**Digital certificates**
	7/28/2021	**Key management**
	7/29/2021	**Memory Cards**
	7/30/2021	**Implementing Identity Manageme**
	7/31/2021	**Controls and Autonomic System**
AUGUST 1ST	8/2/2021	**Market Based Management of Clouds**
	8/3/2021	**Cloud Information security vendors**
	8/4/2021	**Cloud Federation, charactrization**
	8/5/2021	**Cloud Federation stack**
	8/6/2021	**Third Party Cloud service**
AUGUST 2ND	8/9/2021	**Case study**
	8/10/2021	**Hadoop-Introduction**
	8/11/2021	**Data Source**
	8/12/2021	**Data storage and Analysis**
	8/13/2021	**Comparison with other system**