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OF TECHNOLOGY

Session wise – Course Plan

Department of Computer Science and Engineering

SEMESTER   : I   NAME OF THE FACULTY   : Mrs . Sherly Noel
BRANCH   : M. Tech CSE   DATE OF COMMENCEMENT : 03.10.2016
SUBJECT   : Advanced Operating Systems   DATE OF CLOSING   : 26.12.2016
SUBJECT CODE : 16SCS11   CLASS STRENGTH   : 07
NO OF HRS/WK : 5   TOTAL HRS   : 62

Session No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter
1	1/1	03.10.16	Operating System Objectives and Functions	Board, chalk, duster	
2	2/1	04.10.16	The Evolution of Operating Systems	,,	
3	3/1	05.10.16	Major Achievements	,,	
4	4/1	06.02.16	Developments Leading to Modern Operating Systems	,,	Assignment-1
5	5/1	07.10.16	Microsoft Windows Overview	PPT	
6	6/1	08.10.16	Traditional UNIX Systems	,,	
7	7/1	16.10.16	Modern UNIX Systems	,,	
8	8/1	17.10.16	Linux	,,	
9	9/1	18.10.16	What is a Process?, Process States,	Board, chalk, duster	
10	10/1	19.10.16	Process Description	,,	
11	11/1	20.10.16	Process Control, Execution of the Operating System	,,	
12	12/1	21.10.16	Security Issues , UNIX SVR4 Process Management	,,	
13	1/2	22.10.16	Processes and Threads	,,	
14	2/2	24.10.16	Symmetric Multiprocessing (SMP)	,,	
16	3/2	25.10.16	Windows Vista Thread and SMP Management	,,	
16	4/2	26.10.16	Microkernels	,,	Assignment -II
17	5/2	27.10.16	Solaris Thread and SMP Management	,,	

18	6/2	28.10.16	Linux Process	PPT	
19	7/2	02.11.16	Thread Management	Board, chalk, duster	
20	8/2	2.11.16	Hardware and Control Structures	,,	
21	9/2	3.11.16	Operating System Software, UNIX	,,	
22	10/2	4.11.16	Solaris Memory Management	PPT	
23	11/2	5.11.16	Linux Memory Management	,,	
24	12/2	7.11.16	Windows Vista Memory Management	,,	
25	13/3	8.11.16	Summary	,,	
26	1/3	09.11.16	Multiprocessor Scheduling	,,	
27	2/3	10.11.16	Real-Time Scheduling	,,	
28	3/3	11.11.16	Multiprocessor Scheduling	,,	
29	4/3	12.11.16	Real-Time Scheduling	,,	Assignment –III
30	5/3	14.11.16	Linux Scheduling	,,	
31	6/3	15.11.16	UNIX PreclsSl) Scheduling	,,	
32	7/3	16.11.16	Windows Vista Scheduling	,,	
33	8/3	18.11.16	Process Migration	PPT	
34	9/3	19.11.16	Distributed Global States	,,	
35	10/3	21.11.16	Distributed Mutual Exclusion	,,	
36	11/3	22.11.16	Distributed Deadlock	,,	
37	1/4	23.11.16	Embedded Systems	,,	
38	2/4	24.10.16	Computer Security Concepts	,,	
39	3/4	25.10.16	Characteristics of Embedded Operating Systems	,,	
40	4/4	26.10.16	eCOS	,,	Assignment –IV
41	5/4	28.10.16	TinyOS	,,	
42	6/4	29.10.16	Attacks, and Assets	,,	
43	7/4	30.10.16	Threats	,,	
44	8/4	01.10.16	Intruders	,,	
45	9/4	02.12.16	Malicious Software	,,	
46	10/4	03.12.16	Overview, Viruses and Worms	,,	
47	11/4	05.12.16	Bots	,,	
48	12/4	06.12.16	Rootkits	,,	
49	1/5	07.12.16	Using Kernel Services, Daemons, Starting the Kernel , Control in the Machine	,,	
50	2/5	08.12.16	Modules and Device Management, MODULEOrganization	,,	
51	3/5	09.12.16	MODULEInstallation and Removal	,,	
52	4/5	10.12.16	Process and Resource Management	,,	
53	5/5	13.12.16	Running Process Manager, Creating a new Task , IPC and Synchronization	,,	Assignment –V
54	6/5	14.12.16	The Scheduler , Memory Manager , The Virtual Address Space	,,	

55	7/5	15.12.16	The Page Fault Handler , File Management	PPT	
56	8/5	16.12.16	**The windows NT/2000/XP kernel:** Introduction, The NT kernel, Objects	,,	
57	9/5	17.12.16	Threads, Multiplication Synchronization, Traps	,,	
58	10/5	19.12.16	Interrupts and Exceptions, The NT executive , Object Manager	,,	
59	11/5	20.12.16	Process and Thread Manager , Virtual Memory Manager	,,	
60	12/5	21.12.16	I/o Manager, The cache Manager	,,	
61	13/5	22.12.16	Kernel local procedure calls and IPC	,,	
62	14/5	23.12.16	The native API, subsystems.	,,	

Syllabus for Internal Assessment Tests (IAT)[*]

Sessional #	Syllabus
T1	Class # 00 - 00
T2	Class # 00 – 00
T3	

Literature:

Book Type	Code	Author & Title	Edition // Publisher
Text Book	TB1	William Stallings: Operating Systems: Internals and Design Principles	6th Edition, Prentice Hall
Text Book	TB2	Gary Nutt: Operating Systems	3rd Edition, Pearson
Reference Book	RB1	Silberschatz, Galvin, Gagne: Operating System Concepts	8th Edition, Wiley
Reference Book	RB2	Andrew S. Tanenbaum, Albert S. Woodhull: Operating Systems, Design and Implementation	3rd Edition, Prentice Hall
Reference Book	RB3	Pradeep K Sinha: Distribute Operating Systems, Concept and Design	PHI

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Session wise – Course Plan

Department of Computer Science and Engineering

SEMESTER   :1 M.Tech   NAME OF THE FACULTY   :Pinchu Prabha
BRANCH   : CNE   DATE OF COMMENCEMENT : 05-10-2016
SUBJECT   : Advances in Storage area Network   DATE OF CLOSING   : 26-12-2016
SUBJECT CODE : 16SCS141   CLASS STRENGTH   : 07
NO OF HRS/WK : 5   TOTAL HRS   : 50

Session No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter
1	**1/1**	05-10-2016	**UNIT 1:** **Introduction**: Server Centric IT Architecture and its Limitations Storage – Centric IT Architecture and its advantages.	Chalk & Talk	
2	**2/1**	05-10-2016	Case study: Replacing a server with Storage Networks The Data Storage and Data Access problem;(RB1)	,,	
3	**3/1**	06-10-2016	The Battle for size and access. (RB1)	,,	
4	**4/1**	07-10-2016	**Intelligent Disk Subsystems:** Architecture of Intelligent Disk Subsystems;	,,	
5	**5/1**	08-10-2016	Hard disks and Internal I/O Channels; JBOD	,,	
6	**6/1**	18-10-2016	Storage virtualization using RAID and different RAID levels-RAID 1,RAID 10	,,	Assignment- I
7	**7/1**	18-10-2016	Storage virtualization using RAID and different RAID levels-RAID 4 and RAID 5	''	
8	**8/1**	19-10-2016	Storage virtualization using RAID and different RAID levels –R	,,	

			AID 2 and RAID 3 and Comparison		
9	9/1	20-10-2016	Caching: Acceleration of Hard Disk Access; Intelligent disk subsystems,-instant copies	,,	
10	10/1	20-10-2016	Intelligent disk subsystems-remote mirroring and LUN masking, Availability of disk subsystems.	,,	
11	1/2	26-10-2016	**UNIT 2** **I/O Techniques**: The Physical I/O path from the CPU to the Storage System; SCSI;	,,	
12	2/2	26-10-2016	Fibre Channel Protocol Stack; Links, ports and topologies-FC0-FC1	,,	
13	3/2	28-10-2016	Fibre Channel Protocol Stack; FC2-FC3, link sevices, Fabric services, FC4	,,	
14	4/2	28-10-2016	Fibre Channel SAN; Pont to point topology, Fabric topology, Arbitrated loop topology	,,	
15	5/2	08-11-2016	Fibre Channel SAN;-Hardware components, Inter SANS, Inter operability of fiber channel	''	
16	6/2	08-11-2016	IP Storage.	,,	Assignment – II
17	7/2	09-11-2016	**Network Attached Storage:** The NAS architecture, The NAS hardware Architecture, The NAS Software Architecture, Network connectivity, NAS as a storage system. (RB1)	,,	
18	8/2	10-11-2016	**File System and NAS**: Local File Systems; Network file Systems and file servers;	,,	
19	9/2	11-11-2016	Network file Systems and file servers;	,,	
20	10/2	12-11-2016	Shared Disk file systems; Comparison of fibre Channel and NAS.	,,	
21	1/3	15-11-2016	**UNIT 3** Virtulization of path and limitation	,,	
22	2/3	18-11-2016	**Storage Virtualization**: Definition of Storage virtualization ;	,,	
23	3/3	19-11-2016	Implementation Considerations;	''	

24	**4/3**	21-11-2016	Implementation Considerations;	,,	
25	**5/3**	22-11-2016	Storage virtualization on Block or file level;	,,	Assignment – III
26	**6/3**	23-11-2016	Storage virtualization on various levels of the storage Network;	,,	
27	**7/3**	24-11-2016	Storage virtualization on various levels of the storage Network;	,,	
28	**8/3**	25-11-2016	Case study	,,	
29	**9/3**	28-11-2016	Symmetric storage virtualization in the Network	,,	
30	**10/3**	29-11-2016	Asymmetric storage virtualization in the Network	,,	
31	**1/4**	30-11-2016	**UNIT 4** **SAN Architecture and Hardware devices**: Overview, Creating a Network for storage(RB1)	,,	
32	**2/4**	01-12-2016	Creating a Network for storage(RB1)	' '	
33	**3/4**	02-12-2016	SAN Hardware devices; The fibre channel switch; (RB1)	,,	
34	**4/4**	03-12-2016	Host Bus Adaptors; Putting the storage in SAN; (RB1)	,,	
35	**5/4**	05-12-2016	Fabric operation from a Hardware perspective. (RB1)	,,	
36	**6/4**	06-12-2016	**Software Components of SAN:** The switch's Operating system; Device Drivers; (RB1)	,,	Assignment - IV
37	**7/4**	07-12-2016	Supporting the switch's components; (RB1)	,,	
38	**8/4**	08-12-2016	Configuration options for SANs. (RB1)	,,	
39	**9/4**	09-12-2016	Configuration options for SANs. (RB1)	' '	
40	**10/4**	13-12-2016	Configuration options for SANs. (RB1)	,,	
41	**1/5**	14-12-2016	**UNIT 5** **Management of Storage Network**: System Management, Requirement of management System, Support by Management System,	,,	

42	**2/5**	15-12-2016	Management Interface, Standardized Mechanisms,	,,	
43	**3/5**	16-12-2016	Property Mechanisms, In-band Management	,,	
44	**4/5**	17-12-2016	Use of SNMP, architecture,	,,	
45	**5/5**	19-12-2016	SNMP operations	,,	Assignment - V
46	**6/5**	20-12-2016	CIM	,,	
47	**7/5**	21-12-2016	WBEM, Storage Management Initiative Specification (SMI-S),	''	
48	**8/5**	22-12-2016	CMIP and DMI,	,,	
49	**9/5**	23-12-2016	Operational Aspects of the Management of Storage Networks, Summary	,,	
50	**10/5**	26-12-2016	Case study	,,	

Syllabus for Internal Assessment Tests (IAT)[*]

Sessional #	Syllabus
T1	Class # 01 - 20
T2	Class # 21 – 50

*: See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Publication info	
			Edition & Publisher	**ISBN #**
Text Book	TB1	Ulf Troppens, Rainer Erkens and Wolfgang Muller: Storage Networks Explained	Wiley India, 2013	978-81-265-1832-6
References	RB1	Robert Spalding: "Storage Networks The Complete Reference",	Tata McGraw-Hill, 2011.	978-0-07-053292-2

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Session wise – Course Plan

Department of Computer Science and Engineering

SEMESTER : I   NAME OF THE FACULTY : Mrs. Swetha K V
BRANCH : CSE M.TECH   DATE OF COMMENCEMENT : 3-10-2016
SUBJECT : ADBMS   DATE OF CLOSING : 28-12-2016
SUBJECT CODE : **16SCS13**   CLASS STRENGTH : 07
NO OF HRS/ WK : 6   TOTAL HRS : 56

Session No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter	Topics covered As per plan
1	**1/1**	3.10.16	**Unit-1- Review of Relational Data Model and Relational Database Constraints:** Relational model concepts, Relational model constraints.	Board, chalk, duster		
2	**2/1**	4.10.16	Relational database schemas; Update operations.	,,		
3	**3/1**	5.10.16	Anomalies and dealing with constraint violations.	,,		
4	**4/2**	6.10.16	**Unit-2- Object and Object-Relational Databases:** Overview of object-oriented concepts.	,,		
5	**5/2**	6.10.16	Encapsulation, class hierarchies, polymorphism, examples.	,,		
6	**6/2**	8.10.16	Type and class hierarchies and Inheritance.	,,		
7	**7/2**	8.10.16	Complex Objects and other object-oriented concepts.	,,		
8	**8/2**	17.10.16	Overview of the object model of ODMG-objects and literals.	Board, chalk, duster		
9	**9/2**	18.10.16	Built-in interfaces, atomic objects, interfaces classes and inheritance, Extents, Keys and Factory objects.	,,		

10	**10/2**	19.10.16	The Object Definition Language ODL	,,		
11	**11/2**	21.10.16	The Object Query Language OQL	,,		
12	**12/2**	24.10.16	Overview of the C++ Language Binding.	,,		
13	**13/2**	25.10.16	Object Database Conceptual Design	,,		
14	**14/2**	26.10.16	Overview of object relational features of SQL	,,		
15	**15/2**	26.10.16	Object-relational features of Oracle.	,,		
16	**16/2**	27.10.16	Implementation and related issues for extended type systems; The nested relational model.	,,	Assignm ent -1	
1 7	**17/3**	28.10.16	**Unit-3- Parallel and Distributed Databases:** Introduction and Architectures for Parallel Databases.	,,		
18	**18/3**	5.11.16	Parallel Query Evaluation, Parallelizing Individual Operations.	,,		
19	**19/3**	7.11.16	Parallel Query Optimization.	,,		
20	**20/3**	8.11.16	Introduction to Distributed Databases.	,,		
21	**21/3**	9.11.16	Distributed DBMS Architectures.	,,		
22	**22/3**	10.11.16	Storing Data in a Distributed DBMS	,,		
23	**23/3**	11.11.16	Distributed Catalog Management.	,,		
24	**24/3**	12.11.16	Distributed Query Processing.			
25	**25/3**	15.11.16	Updating Distributed Data.	Board, chalk, duster		
26	**26/3**	18.11.16	Distributed Transactions and Distributed Concurrency Control.	,,		
27	**27/3**	19.11.16	Distributed Recovery.	,,	Assignm ent- 2	

28	**28/4**	21.11.16	**Unit 4- Data Warehousing, Decision Support and Data Mining:** Introduction to Decision Support, OLAP: Multidimensional Data Model.	,,		
29	**29/4**	22.11.16	Windows Queries in SQL:1999, Finding Answers Quickly.	,,		
30	**30/4**	23.11.16	Implementation Techniques for OLAP.	,,		
31	**31/4**	24.11.16	Data Warehousing, Views and Decision Support.	,,		
32	**32/4**	25.11.16	View Materialization, Maintaining Materialized Views.	,,		
33	**33/4**	28.11.16	Introduction to Data Mining	,,		
34	**34/4**	29.11.16	Counting Co-occurrences.	Board, chalk, duster		
35	**35/4**	30.11.16	Mining for Rules- Association Rules.	,,		
36	**36/4**	1.12.16	The Use of Association Rules and Bayesian Networks.	,,		
37	**37/4**	2.12.16	Tree Structured Rules	,,		
38	**38/4**	3.12.16	Clustering, Similarity search over sequences.	,,		
39	**39/4**	5.12.16	Incremental Mining and Data Streams.	,,		
40	**40/4**	6.12.16	Additional Data Mining Tasks	,,		
41	**41/5**	7.12.16	**Unit 5- Enhanced Data Models for Some Advanced**	,,		
42	**42/5**	8.12.16	**Applications:** Active Database concepts and triggers. Design and implementation issues for Active Databases.	,,		
43	**43/5**	9.12.16	Potential Applications for Active Databases.	,,		
44	**44/5**	13.12.16	Triggers inSQL-99	,,		
45	**45/5**	14.12.16	Temporal Database Concepts- Time representation, calendars, and time dimensions.	,,	Assignment-3	
46	**46/5**	15.12.16	Incorporating Time in	,,		

			Relational Databases using Tuple versioning.			
47	**47/5**	16.12.16	Incorporating Time in Object-oriented databases using Attribute Versioning.	,,		
48	**48/5**	17.12.16	Temporal Querying constructs and the TSQL2 Language and Time spatial Data.	,,		
49	**49/5**	19.12.16	Spatial and Multimedia Databases- Introduction of spatial and multimedia databases. Introduction to Deductive Databases.	,,		
50	**50/5**	20.12.16	Prolog/ Datalog Notation, Clausal form and horn clauses and Interpretation of Rules, Datalog program and their Safety.	Board, chalk, duster		
51	**51/5**	21.12.16	Use of Relational operations and Evaluation of Nonrecursive Datalog queries	,,		
52	**52/5**	22.12.16	Mobile Databases	,,		
53	**53/5**	23.12.16	Multimedia Databases	,,		
54	**54/5**	24.12.16	Geographic Information Systems	,,		
55	**55/5**	27.12.16	Genome data management	,,		
56	**56/5**	28.12.16	REVISION CLASS.	,,		

Syllabus for Internal Assessment Tests (IAT) [*]

IAT #	Syllabus
IAT-1	Class # 01 – 16
IAT-2	Class # 17– 55

* : See calendar of events for the schedules of IATs.

Literature:

Book Type	Code	Author & Title	Edition // Publisher
Text Book	TB1	Elmasri and Navathe: Fundamentals of Database Systems,	Pearson Education, 2013.
Text Book	TB2	Raghu Ramakrishnan and Johannes Gehrke: Database Management Systems	3rd Edition, McGraw-Hill, 2013
References	RB1	Silberschatz, Korth and Sudharshan: Data base System Concepts	6th Edition, Mc-GrawHill, 2010

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Session wise – Course Plan

Department of Computer Science &Engg.

SEMESTER   : **M Tech CSE**   NAME OF THE FACULTY   **: Mrs. P.ALEKHYA**
BRANCH   : CSE   DATE OF COMMENCEMENT   : 03.10.2016
SUBJECT   : **CLOUD COMPUTING**   DATE OF CLOSING   : 28.12.2016
SUBJECT CODE : **16SCS12**   CLASS STRENGTH   : 7
NO OF HRS/WK: **5**   TOTAL HRS   : 62 hrs

S No	Chapter no (No of hrs planed for the chapter)	DATE	Topics planned for the session	Teaching Aids	Assignments/ Tests planned for the chapter	Topics Covered as Per Plan
1	**1/1**	3.10.16	**Introduction of cloud computing**			
2	**1/2**	3.10.16	**Module -1** **Introduction, Cloud Infrastructure:** Cloud computing, Cloud computing delivery models and services	Board, chalk, duster		
3	**1/3**	4.10.16	Cloud computing delivery models	"		
4	**1/4**	5.10.16	Cloud computing services with advantages and disadvantages	"		

5	**1/5**	5.10.16	Ethical issues, Cloud vulnerabilities	"		
6	**1/6**	6.10.16	Major challenges faced by cloud computing	"		
7	**1/7**	7.10.16	Cloud computing at Amazon	"		
8	**1/8**	7.10.16	Cloud computing at Amazon	"		
9	**1/9**	17.10.16	Cloud computing the Google perspective, Microsoft Windows Azure	"		
10	**1/10**	18.10.16	Microsoft Windows Azure and online services	ppt		
11	**1/11**	19.10.16	Open-source software platforms for private clouds	Board, chalk, duster		
12	**1/12**	20.10.16	Cloud storage diversity and vendor lock-in	"	Assignment –I	
13	**1/13**	21.10.16	Energy use and ecological impact, Service level agreements	"		
14	**1/14**	21.10.16	User experience and software licensing	"		
15	**2/1**	22.10.16	**Module -2** **Cloud Computing: Application Paradigms.:** Challenges of cloud computing,	"		
16	**2/2**	22.10.16	Existing cloud applications and new application opportunities	"		
17	**2/3**	24.10.16	Architectural styles of cloud computing,	Ppt		
18	**2/4**	24.10.16	Workflows: Coordination of multiple activities,	"		
19	**2/5**	25.10.16	Workflows: Coordination of multiple activities,	"		
20	**2/6**	25.10.16	Coordination based on a state machine model: The Zookeeper	"	Assignment –II	
21	**2/7**	26.10.16	The Map Reduce programming model	"		
22	**2/8**	26.10.16	A case study: The Gre The Web application	Board, chalk, duster		
23	**2/9**	27.10.16	Cloud for science and engineering, High performance computing on a cloud			
24	**3/1**	27.10.16	**Module – 3** **Cloud Resource Virtualization:** Virtualization	ppt		
25	**3/2**	28.10.16	Layering and virtualization	"		
26	**3/3**	02.11.16	Virtual machine monitors, Virtual Machines,	"		
27	**3/4**	02.11.16	Performance and Security Isolation	"	Assignment –III	

28	**3/5**	03.11.16	Full virtualization and paravirtualization	"		
29	**3/6**	03.11.16	Hardware support for virtualization	"		
30	**3/7**	03.11.16	Case Study: Xen a VMM based paravirtualization	Board, chalk, duster		
31	**3/8**	04.11.16	Xen a VMM based paravirtualization	"		
32	**3/9**	04.11.16	Optimization of network virtualization	"		
33	**3/10**	04.11.16	vBlades, Performance comparison of virtual machines	"		
34	**3/11**	05.11.16	Performance comparison of virtual machines	"		
35	**3/12**	07.11.16	The dark side of virtualization	"		
36	**4/1**	07.11.16	**Module-4** **Cloud Resource Management and Scheduling:** Policies and mechanisms for resource management	ppt		
37	**4/2**	08.11.16	Application of control theory to task scheduling on a cloud	Board, chalk, duster		
38	**4/3**	09.11.16	Application of control theory to task scheduling on a cloud	"		
39	**4/4**	10.11.16	Stability of a two-level resource allocation architecture	"		
40	**4/5**	10.11.16	Feedback control based on dynamic thresholds	"		
41	**4/6**	11.11.16	Coordination of specialized autonomic performance managers	"	Assignment –IV	
42	**4/7**	11.11.16	A utility-based model for cloud-based Web services	ppt		
43	**4/8**	12.11.16	Resourcing bundling: Combinatorial auctions for cloud resources	"		
44	**4/9**	12.11.16	Combinatorial auctions for cloud resources	"		
45	**4/10**	18.11.16	Scheduling algorithms for computing clouds	"		
46	**4/11**	18.11.16	Fair queuing, Start-time fair queuing	"		
47	**4/12**	19.11.16	Borrowed virtual time,	"		
48	**4/13**	19.11.16	Scheduling MapReduce applications subject to deadlines	"		
49	**4/14**	21.11.16	Resource management and dynamic scaling	"		
50	**5/1**	22.11.16	**Module 5** **Cloud Security, Cloud Application**	Board, chalk,		

			Development: Cloud security risks	duster		
51	**5/2**	23.11.16	Privacy and privacy impact assessment	"		
52	**5/3**	24.11.16	Trust, Operating system security	"	Assignm ent –V	
53	**5/4**	25.11.16	Virtual machine Security, Security of virtualization	"		
54	**5/5**	26.11.16	Security risks posed by shared images, A trusted virtual machine monitor,	"		
55	**5/6**	28.11.16	Amazon web services: EC2 instances, Connecting clients to cloud instances through firewalls	ppt		
56	**5/7**	29.11.16	Security rules for application and transport layer protocols in EC2	"		
57	**5/8**	30.11.16	How to launch an EC2 Linux instance and connect to it, How to use S3 in java	"		
58	**5/9**	1.12.16	Cloud-based simulation of a distributed trust algorithm	"		
59	**5/10**	2.12.16	Trust management service	"		
60	**5/11**	2.12.16	A cloud service for adaptive data streaming	"		
61	**5/12**	3.12.16	Cloud based optimal FPGA synthesis	"		
62		3.12.16	Revision of all Units			

Syllabus for Sessionals:

Sessional #	Syllabus
T1	**Class # 01 -22**
T2	**Class # 23 -38**
T3	**Class # 39 - 61**

Literature:

Book Type	Code	Author &Title	Publication info	
			Edition &Publisher	ISBN #
Text Book	TB	Dan C Marinescu: Cloud Computing Theory and Practice	Elsevier	978-0-12404-627-6
Reference Book	RF1	Rajkumar Buyya , James Broberg, Andrzej Goscinski: Cloud Computing Principles and	Willey 2014.	978-0-470-88799-8

		Paradigms,		
Reference Book	RF2	John W Rittinghouse, James F Ransome:Cloud Computing Implementation, Management and Security	CRC Press 2013	978-1-4398-0680-7