

COURSE CODE	COURSE TITLE	L	T	P	C
1152IT151	CLOUD DATABASE	3	0	0	3

UNIT 1 DISTRIBUTED DATABASE

Distributed database - Heterogeneous and Homogeneous Databases- Distributed Data Storage – Distributed Transactions - Commit Protocols - Distributed query processing - Heterogeneous distributed database – Cloud based databases.

UNIT 2 STUDY OF DISTRIBUTED DATABASE

Homogeneous distributed database - Heterogeneous Distributed Databases - The Distributed Query-PNUS -a cloud data storage system. cloud dbms (CDBMS).

UNIT 3 CLOUD DATABASE

The Cloud Implementation of Transactional and Query Systems –Towards a Cloud Database - Local Data

and Distributed Data - Other Cloud Database Issues.

UNIT 4 CLOUD DATABASE ARCHITECTURE

Hadoop and Map/Reduce: A Distributed Architecture. Traditional Databases Evolve to be a CDBMS

UNIT 5 CLOUD DATABASE 7 OPEN CLOUD DB

Algebraix Data and Cloud Database - Data Growth - The Economy of A2DB – open DB source cloud databases.

TEXT / REFERENCE BOOKS

1. Ozsu , "Principles Of Distributed Database Systems" , 3e Paperback – 2011
2. Lee Chao "Cloud Database Development and Management", by Auerbach Publications ISBN 9781466565050 - CRC press.
3. <http://www.algebraixdata.com/wp-content/uploads/2010/01/Alge>