

Semester	IV	Specialization	Information Technology
Course Code	4071T	Type	Subject - Elective
Course Title	Database Administration		

Course Objectives:	
1	To know duties and responsibilities of a Data Base Administrator
2	To learn DBA skills through select tasks

Syllabus:

Unit Number	Contents	Number of Sessions
1	Job Specifications of Data Base Administration. Overview of Memory structure, process structure and storage structure of Oracle , Installation of Oracle using Oracle Universal Installer	6
2	Create database using DBCA, startup and shutdown of oracle using log and trace files and data dictionary	6
3	Configure and manage oracle network, create and manage tablespaces	6
4	Create and manage database user accounts, privileges, role and profiles	6
5	Monitor and resolve locking conflicts, manage undo.	6

Learning Resources:

1	Text Books	Oracle 9i, 10g or 11g Manuals
2	Reference Books	Database Administration: The Complete Guide to Practices and Procedures by Craig Mullins DBA Survivor Expert Oracle Database Administration by Sam Alapati, Dreamtech Press
3	Supplementary Reading Material	
4	Websites	www.databasejournals.com www.dbametrics.com
5	Journals	Database Journals: The knowledge center for database professionals