

Course Name : Oracle Database Administration 11g
Course Hours: 72

- **SQL**
 - Introduction to Oracle: SQL
 - Writing Basic SQL SELECT Statements
 - Restricting and Sorting Data
 - Single-Row Functions
 - Displaying Data from Multiple Tables
 - Aggregating Data Using Group Functions
 - Sub queries
 - Manipulating Data
 - Creating and Managing Tables
 - Including Constraints
 - Creating Views
 - Other Database Objects
 - Controlling User Access
 - SQL Workshop Overview
 - Controlling User Access

- **Administration Workshop I**
 1. Exploring the Oracle Database Architecture
 2. Installing your Oracle Software
 3. Creating an Oracle Database Using DBCA
 4. Managing the Database Instance
 5. Managing the ASM Instance
 6. Configuring the Oracle Network Environment

7. Managing Database Storage Structures
 8. Administering User Security
 9. Managing Data Concurrency
 10. Managing Undo Data
 11. Implementing Oracle Database Auditing
 12. Database Maintenance
 13. Performance Management
 14. Backup and Recovery Concepts
 15. Performing Database Backups
 16. Performing Database Recovery
 17. Moving Data
 18. Working with Support
- **Administration Workshop II**
 1. Core Concepts and Tools of the Oracle Database
 2. Configuring for Recoverability
 3. Using the RMAN Recovery Catalog
 4. Configuring Backup Settings
 5. Creating Backups with RMAN
 6. Restore and Recovery Tasks
 7. Using RMAN to Perform Recovery
 8. Monitoring and Tuning RMAN

9. Diagnosing the Database
10. Using Flashback Technology I
11. Using Flashback Technology II
12. Performing Flashback Database
13. Managing Memory
14. Managing Database Performance
15. Managing Performance by SQL Tuning
16. Managing Resources
17. Automating Tasks with the Scheduler
18. Managing Space
19. Managing Space for the Database
20. Duplicating a Database