



# Oralogic Education Systems

Next Generation IT Education Systems

Oracle Database System is leading RDBMS software engine widely used all over the world and consider No.1 database management system. This database engine plays very critical role in life of software application. This role has become more important as businesses are getting highly dependent on software application and online activities. In addition, database engine is always critical and crucial digital asset of companies who extensively rely on business information.

The role of Database Administrator is extremely important in any company. Companies always conduct details interview for this job role and offer attractive salary packages for successful candidates.

Oralogic Education Systems provide quality education in this key technology. We have most experienced professional who have extensive experience in managing and configuring Oracle Database software in most mission critical environments.

Following course contents will be covered in Oracle DBA Track

## **Oracle Database: Introduction to SQL**

Retrieving Data using the SQL SELECT Statement

Introduction to Data Dictionary Views

Manipulating Data by Using Subqueries

Managing Data in Different Time Zones

Introduction

Restricting and Sorting Data

Using Single-Row Functions to Customize Output

Using Conversion Functions and Conditional Expressions

Reporting Aggregated Data Using the Group Functions

Displaying Data from Multiple Tables Using Joins

Using Subqueries to Solve Queries

Using the SET Operators

Managing Tables using DML statements

Introduction to Data Definition Language

Creating Sequences, Synonyms, Indexes

Creating Views

Managing Schema Objects

Retrieving Data by Using Subqueries

Controlling User Access

Manipulating Data

## **Oracle Database 11g: Administration Workshop I**

Exploring the Oracle Database Architecture

Installing your Oracle Software

Creating an Oracle Database

Managing the Oracle Database Instance

Manage the ASM Instance

Configuring the Oracle Network Environment

Managing Database Storage Structures

Administering Usersecurity

Managing Data Concurrency

Managing Undo Data

Implementing Oracle Database Auditing

Database Maintenance

Performance Management

Backup and Recovery Concepts

Performing Database Backups

Performing Database Recovery

Moving Data

Working with Support

## **Oracle Database 11g: Administration Workshop II**

Core Concepts and Tools of the Oracle Database

Configuring for Recoverability

Using the RMAN Recovery Catalog

Configuring Backup Settings

Creating Backups with RMAN

Restore and Recovery Task

Using RMAN to Perform Recovery

Monitoring and Tuning RMAN

Diagnosing the Database

Using Flashback Technology I

Using Flashback Technology II

Performing Flashback Database

Managing Memory

Managing Database Performance

Managing Performance by SQL Tuning

Managing Resources

Automating Tasks with the Scheduler

Managing Space in Blocks

Managing Space in Segments

Managing Space for the Database

Duplicating a Database

## **Oracle 12c Multitenant Architecture Administration**

Introduction

Oracle Database Multitenant Architecture

Create CBD containers and PDB containers

Basic Oracle Multitenant Database Administration

Creating PDBS, all the methods

Connectivity and Services in Oracle Multitenant

Security in Oracle Multitenant database

Backup, Recovery, and Flashback Database

Using Resource Manager in Oracle Multitenant Database

Miscellaneous Topics on Oracle Multitenant Database

Managing Applications and Application Containers

## Linux Sysadmin

Installation

Basic Command

User Management

Directory Management

Software & Package Installation

System Configuration

### Information:

Course #	DBA01
Course	Oracle Database Administration
Version	11g/12c
Duration	10 weeks
Class Duration	2 hours Daily, 3 days a week
Medium	In-Class, Online
Fee	30,000/-
EKit / Exam Hands-on	3000/- for one module only