

# Oracle11g

## Curriculum

### Are you right for this program?

The Database Administrator (DBA) program has been designed to give you the necessary skills to excel as:

### What qualification will this program give you?

- OCA - Database Administrator (DBA) from Oracle University
- OCP - Database Administrator (DBA) from Oracle University

### By undergoing the Database Administrator (DBA) course, you will be better equipped to:

- Install, configure and link a Windows/Linux system to a corporate network
- Administer and manage a Windows/Linux network
- Install and create an Oracle database on Windows/Linux
- Administer and manage an Oracle database on Windows/Linux
- Perform Backup & Recovery
- Perform Automatic Memory Tuning
- Supplement your classroom learning with additional online learning resources
- Experience Web 2.0 tools and technologies in a learning Environment

### Additionally, you will also:

- Whether you are a graduate seeking a rewarding IT career or are currently employed as an IT professional looking to enhance existing skills, or even attain technology certification, this program is ideal for you. All graduates (B.A, B.Com, B.Sc, B.E, B.Tech, M.Tech & MCA) looking for opportunities in Infrastructure Management Space, will benefit from this program as it equips you with the necessary technology skills to compete for the best jobs in the industry. Our curriculum will enable you to appear for internationally recognized examinations enabling you to achieve the following certifications:

### DBMS Concept - 8 Hours

- Database Design
- Entity-Relationship Diagram
- Normalization
- Relational Database

## **Oracle 11g SQL - 40 Hours**

- Introduction
- Writing Basic SQL Statement
- Restricting & Sorting Data
- Using Single Row Function for Customized output
- Displaying Data from Multiple Tables
- Reporting Aggregated Data
- Sub-Queries
- Using the Set Operators
- Manipulating Data
- Creating and Managing Tables
- Creating Other Schema Objects
- Managing Objects with Data Dictionary Views
- Controlling User Access
- Managing Schema Objects
- Manipulating Large Data Sets
- Generating Reports by Grouping Related Data
- Managing Data in Different Time Zones
- Retrieving Data Using Sub-queries
- Hierarchical Retrieval

## **Regular Expression Support Oracle Database 11g: Workshop I - 40 Hours**

- Introduction
- Installing the Oracle Database Software
- Creating an Oracle Database
- Managing the Oracle Instance
- Managing Database Storage Structure
- Administering User Security
- Managing Scheme Objects
- Managing Data and Concurrency
- Managing Undo Data
- Implementing Database Security
- Configuring the Oracle Network Environment
- Proactive Maintenance
- Performance Management
- Backup and Recovery concepts
- Performing Database Backups
- Performing Flashback

## **Moving Data Oracle Database 11g: Workshop II - 40 Hours**

- Introduction
- Configuring Recovery Manager
- Using Recovery Manager
- Recovering from Non- Critical Losses
- Data base Recovery
- Flashback
- Dealing With Database Corruption
- Monitoring and Managing Memory
- Automatic Performance Management
- Managing Schema Object
- Managing Storage
- Automatic Storage Management
- Managing Resources
- Automatic Tasks with Scheduler
- Database Security

#### **Globalization Support Case Studies 11g - 24 Hours**

- Recovering undo table space
- Tuning Complex Statements using SQL Access Advisor
- Cloning of Database using RMAN and many more.....



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