

## **SQL**

### **Oracle Database Fundamental I**

- 1.Introduction**
- 2.Retrieving Data using SQL Statement**
- 3.Restricting and sorting Data**
- 4.Using Single Row Function to customize output**
- 5.Reporting Aggregated data using the Group function**
- 6.Displaying Data from Multiple Tables**
- 7.Using Subqueries to solve Queries**
- 8.Using Set operators**
- 9.Manipulating Data**
- 10.Using DDL Statements to create and Manage Tables**
- 11.Creating other Schema objects**
- 12.Managing Objects with Data Dictionary Views**

### **Oracle Database Fundamental II**

- 1.Introduction**
- 2.Controlling User Access**
- 3.Managing Schema objects**
- 4.Manipulating Large DataSets**
- 5.Generating Reports by grouping Related data**
- 6.Managing Data in different time zones**
- 7.Retrieving Data using Subqueries**
- 8.Hierarchy retrieval**
- 9.Regular Expression Support**

## **ORACLE DBA**

**1.Introduction**

**2.Installation**

**3.DB Creation**

**4.Instance**

**5.Storage**

**6.Users**

**7.Schema**

**8.Data & Concurrency**

**9.Undo**

**10.Security**

**11.Network**

**12.Proactive Maintenance**

**13.Performance**

**14.Backup & Recovery Concepts**

**15.Backup**

**16.Recovery**

**17.Flashback**

**18.Moving Data**

**WORKSHOP(6 hours)**

**Total Course duration 40 hours**

## **PL/SQL**

- 1.Introduction to PL/SQL**
  - 2.Declaring PL/SQL variable**
  - 3.Writing Executable Statement**
  - 4.Interacting with the Oracle Server**
  - 5.Writing Control Structure**
  - 6.Working with Composite Data Type**
  - 7.Using Explicit Cursor**
  - 8.Handling Exceptions**
  - 9.Creating Stored Procedure & Functions**
  - 10.Creating Stored Procedure**
  - 11.Creating Stored Function**
  - 12.Creating Packages**
  - 13.Using more package**
  - 14.Using Oracle Supplied Packages in Application Development**
  - 15.Dynamic Sql and MetaData**
  - 16.Design consideration for PL/SQL codes**
  - 17.Managing Dependencies**
  - 18.Manipulating Large objects**
  - 19Creating Triggers**
  - 20Applications for Triggers**
  - 21.Understanding and influencing the PL/SQL Compiler**
- TOTAL COURSE: 120 hours (Each Module of 40 Hours)**