



Course Content

Information Technology


Issue No. : 001
Date of Issue : 01.08.2013
Revision No : Nil
Date of Revision : Nil
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Name of the course:	Oracle Database10g (SQL)
Duration:	5 days
Venue:	Moratuwa

Course content:

- ✚ Database design
 - ❖ Conceptual Design
 - ❖ Logical Design
 - ❖ Constraints
- ✚ Creating and Managing Tables
 - ❖ Creating Tables
 - ❖ Applying constraints
 - ❖ Deleting tables (Drop Tables)
 - ❖ Modifying Tables (Alter Tables)
- ✚ Retrieving Data
 - ❖ Select Statement
 - ❖ Column aliases
 - ❖ Arithmetic expressions
 - ❖ Distinct clause
 - ❖ Where clause
 - ❖ Substitution Variables
 - ❖ Sorting records
 - ❖ Grouping records
 - ❖ Having clause



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SQL Functions

- ❖ Character Functions
- ❖ Date Functions
- ❖ General Functions
- ❖ Conditional Expressions
- ❖ Group Functions

Retrieving data from multiple tables

- ❖ Inner joins
- ❖ Outer joins
- ❖ Equijoins
- ❖ Natural joins
- ❖ Self joins

Sub queries

- ❖ Single row operators
- ❖ Multiple row operators
- ❖ Pair wise comparisons

Insert Statement

Update Statement

Delete Statement

Controlling user access

- ❖ Creating users
- ❖ Granting Privileges
- ❖ Viewing another user's table
- ❖ Views
- ❖ Data dictionary