



## Oracle Programming Using PL/SQL Course Overview

This course introduces students to PL/SQL, Oracle's procedural extension language for SQL and the Oracle relational database. Participants explore the differences between SQL and PL/SQL. They also examine the characteristics of PL/SQL and how it is used to extend and automate SQL to administer the Oracle database. This course culminates with a project that challenges students to program, implement, and demonstrate a database solution for a business or organization.

### Pre-Requisites

- Previous experience with at least one programming Language.

### Course Outline

The contents of this course are designed to support the course objectives. The following focus areas are included in this course:

- Module 1: Fundamentals
- Module 2: Defining Variables and Datatypes
- Module 3: Using SQL in PL/SQL
- Module 4: Program Structures to Control Execution Flow
- Module 5: Using Cursors and Parameters
- Module 6: Using Composite Datatypes
- Module 7: Exception Handling
- Module 8: Using and Managing Procedures
- Module 9: Using and Managing Functions & Packages
- Module 10: Getting the Best out of Packages
- Module 11: Improving PL/SQL Performance
- Module 12: Using and Managing Triggers
- Module 13: Recognizing and Managing Dependencies
- Module 14: Using the PL/SQL Compiler

**We request you to nominate 1 or 2 faculty members from your institution.**

### Programme Details:

- > **Duration:**  
5 Days
- > **Program Date**  
**24th to 28th Jan 2020**
- > **Timings:**  
09:00 AM - 04:00 PM
- > **Venue:**  
Velagapudi Ramakrishna  
Siddhartha Engineering  
College
- > **To know more, contact:**  
**Dr D Rajeswara Rao,**  
+91 7358666163  
[hodcse@vrsiddhartha.ac.in](mailto:hodcse@vrsiddhartha.ac.in)
- > **Training Fee**  
Free

**REGISTER NOW**

- ❖ **Resource person will be deputed from Oracle.**
- ❖ **Attendance is mandatory for the entire duration of FDP.**
- ❖ **Working lunch will be provided to the registered participants.**

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