

# ORACLE APEX PROGRAMMING BASIC TO ADVANCE Training Program

## Who Can Do?

- People who would like to enhance their skill in Oracle Apex
- Fresh Graduates or Intermediate, who have no programming skills can join this course
- Working Class wants to excel in terms of better position and compensation in their career.
- People who would like to do the international certification Oracle Apex.

**100,000+ Students  
have been Trained**

since  
1997

**Program is  
offered by**

**3D EDUCATORS  
INTL**  
22 Years of  
Excellence in  
Training &  
Development

**Invest in  
People the  
only Asset  
that Appreciates**



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## COURSE OBJECTIVE

By investing in this course, Participants would will be able:

- To create database applications using desktop and mobile interfaces.
- To enhance your application by adding various components like reports, forms, items, dynamic actions, calendars, charts, plug- ins and other shared components required in an application.
- Pack and deploy application from one environment to the other.
- Certificate of completion.



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## Table of Content

Detail

Inauguration

Structure

Topics & Time Allocation

About the Program Designer & Instructor

Syllabus



100,000+ Students  
have been Trained

since  
1997



## ORACLE APEX PROGRAMMING Training Program

### Program Details

#### Inauguration

The Training Program will be inaugurated by a senior member of 3D EDUCATORS

#### Program Structure

|                        |                   |
|------------------------|-------------------|
| No of classes per week | <b>02 Class</b>   |
| Duration of each class | <b>2- Hour</b>    |
| Guided Hours           | <b>32 - Hours</b> |
| Non Guided Hours       | <b>6 - Hours</b>  |
| Total Hours            | <b>38 - Hours</b> |

#### Other Learning Activities

|                          |          |
|--------------------------|----------|
| Classroom Assignment     | <b>8</b> |
| Presentation by Trainees | <b>1</b> |
| Project                  | <b>1</b> |

#### About the Program Instructor

We 3D EDUCATORS having the experienced and certified accredited trainers who are conducting the course and make you able to design any sort of business applications.

The trainers and consultants have extensive experience and exposures who enable the participants on Oracle Apex tools and programming techniques for development of any system architecture or software.

#### In Affiliation with





100,000+ Students  
have been Trained

since  
1997



# ORACLE APEX PROGRAMMING Training Program

## COURSE COVERS:

### INTRODUCTION

- Introduction to Oracle APEX
- What is a Workspace?
- Benefits of Oracle APEX. History of Oracle APEX.
- APEX useful Resources and links.
- Create and Manage Users and Groups
- Understanding different type of users
- 
- Types of APEX Applications
- What is SQL Workshop?
- Browsing, creating and modifying Database Objects. Processing ad hoc SQL and PL/SQL statements
- Using Query Builder to build queries graphically
- Generating DDL Data Loading
- Monitor Activity
- Quick SQL
- Sample Dataset
- Generate DDL
- 
- What is a packaged application?
- Install various packaged application
- Creating an application from scratch. Components of an application.
- Page Definition.
- An Application's Home Page.
- Import and Export Application
- What is a Page in APEX? Controls on a Page.
- Different Sections of a Page.
- Attributes of a Page. Create a New Region.
- Different Attributes of a Region



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



Page Different Items & attribute  
Computations  
Validations (client side and server side)  
Processes  
Branches  
Data Loading

Creating Forms with Report Creating Simple Forms Creating Tabular Forms  
Editable Interactive Grid  
Creating Master-Detail Forms  
Create Dynamic and Static Lists of Values.  
Create Breadcrumbs  
Dynamic Action Refresh items and regions  
Retrieve data from the DB and set items values

Understand different Types of Items  
Creating Different Types of Items (Text, Text Area, Checkbox, Select List, Radio Group etc.)  
Edit Item Attributes  
Create and Edit Buttons.

Create Parent and Standard Tabs. Create Navigation Bar Entries.  
Data Load Definition

Global Pages  
Global Item/ Application Item  
Global Region  
Authentication  
Authorization



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



- Creating SQL Reports
- SQL Report Attributes
- SQL Report Column Attributes
- Interactive Grid
- Interactive Grid Attributes
- Interactive Grid Column Attributes
- Interactive Reports
- Interactive Report Attributes
- Interactive Report Column Attributes
- Add Links to Reports

- Toggle Reports (For Mobile View)
- Single Column View report (For Mobile View)
- Smart Filter Report
- faceted search Report
- Understanding different Types of Charts.
- Understanding Different Attributes of a Chart
- Drill down and linked Charts.

- Uploading Image
- Uploading Static Files
- Adding an image as an application logo.
- Adding a reference to a JavaScript File.
- How to use Plugins in applications
- API (GET,POST,PUT,DELETE)



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## **Terms & Conditions**

### **WITHDRAWAL FROM THE DIPLOMA/CERTIFICATION**

Students are not allowed to withdraw from the Diploma. If a student cannot continue the Diploma his/her fee will be forfeited.

### **CONDUCT AND DISCIPLINE**

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

### **EVALUATION AND GRADING**

The performance of students is evaluated through continuous observation of a student's performance in the Diploma – class participation, submission of assignments, quizzes and exercises.



100,000+ Students  
have been Trained

since  
1997



## ORACLE APEX PROGRAMMING Training Program

The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

|           |                 |
|-----------|-----------------|
| <b>A</b>  | <b>87 - 100</b> |
| <b>B+</b> | <b>81 - 86</b>  |
| <b>B</b>  | <b>72 - 80</b>  |
| <b>C+</b> | <b>66 - 71</b>  |
| <b>C</b>  | <b>60 - 65</b>  |
| <b>F</b>  | <b>below 60</b> |



100,000+ Students  
have been Trained

since  
1997



# ORACLE APEX PROGRAMMING Training Program

Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to [info@3deducators.com](mailto:info@3deducators.com) with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it [info@3deducators.com](mailto:info@3deducators.com). Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

## DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

## CONTACT US

021-34141329, 0333-2402474  
021-34857148

info@3deducators.com

<http://www.3deducators.com>

Get the Admission Form

[Download Form](#) 

**MANAGEMENT  
3D EDUCATORS  
TRAINERS & CONSULTANTS**



# ORACLE APEX PROGRAMMING Training Program

100,000+ Students  
have been Trained

since  
1997



## SAMPLE CERTIFICATE



# CERTIFICATE

*Invest In People the Only Asset that Appreciates...*

*The Certificate Witnesseth that*  
Dr. Muhammad Allama Iqbal  
*Has Successfully Completed the 32-Hours Training of the*  
Oracle Apex Development  
Conducted By  
**3D EDUCATORS - TRAINERS & CONSULTANTS**  
From 22 Nov 2009 To 22 Jan 2010  
CERTIFICATE ID: 3DCIA1010/5/2003093



Principal of Institute

Global Partner - International Management Research & Technology Consortium - IMRTC USA  
Global Partner - PECB CANADA, Partner Institute of SDC - Government of Pakistan