Oracle Forms & Reports Course Details

By Besant Technologies

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Oracle Forms &amp; Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Oracle Fusion Middleware</td>
</tr>
<tr>
<td>Venue</td>
<td>Besant Technologies</td>
</tr>
<tr>
<td>Address</td>
<td>No.24, Nagendra Nagar, Velachery Main Road,</td>
</tr>
<tr>
<td></td>
<td>Velachery, Chennai – 600 042</td>
</tr>
<tr>
<td></td>
<td>Landmark – Opposite to Phoenix Market City</td>
</tr>
<tr>
<td>Official URL</td>
<td><a href="#">Oracle Forms &amp; Reports Training</a></td>
</tr>
<tr>
<td>Demo Classes</td>
<td>At Your Convenience</td>
</tr>
<tr>
<td>Training Methodology</td>
<td>20% Theory &amp; 80% Practical</td>
</tr>
<tr>
<td>Course Duration</td>
<td>35-40 Hours</td>
</tr>
<tr>
<td>Class Availability</td>
<td>Weekdays &amp; Weekends</td>
</tr>
<tr>
<td>For Demo Class</td>
<td>Call - +91-996 252 8293 / 94</td>
</tr>
<tr>
<td></td>
<td>Email ID – <a href="mailto:besanttech@gmail.com">besanttech@gmail.com</a></td>
</tr>
</tbody>
</table>

Why Besant Technologies?

- Training by highly experienced and certified professionals
- No slideshow (PPT) training, fully Hand-on training
- Interactive session with interview QA’s
- Real-time projects scenarios & Certification Help
- Most competitive & affordable course fees
- Placement support for all courses
- List of established & satisfied clients & students ([Visit our website for reviews](#)).
Forms & Reports Training Syllabus

Introducing Oracle Forms Developer and Forms Services
- Grid Computing
- Oracle 10g Products
- Oracle Application Server 10g Architecture
- Benefits and Components of Oracle Developer Suite 10g
- Running a Forms Developer Application
- Working in the Forms Developer Environment

Creating Forms Modules
- Creating a Basic Forms Module
- Creating a Master-Detail Forms Module
- Modifying the Data Block
- Modifying the Layout

Working with Data Blocks and Frames
- Using the Property Palette
- Managing Object Properties
- Creating and Using Visual Attributes
- Controlling the Behaviour and Appearance of Data Blocks
- Controlling Frame Properties
- Creating Control Blocks
- Deleting Data Blocks

Working with Input Items
- Creating Text Items
- Controlling the Behaviour and Appearance of Text Items
- Creating LOVs
- Defining Editors
- Creating Check Boxes
- Creating List Items
- Creating Radio Groups

Working with Non Input Items
- Creating a Display Item
- Creating an Image Item
- Creating a Push Button
- Creating a Calculated Item
- Creating a Hierarchical Tree Item
- Creating a Bean Area Item

Working with Windows and Canvases
- Overview of Windows and Canvases
• Displaying a Forms Module in Multiple Windows
• Creating a New Window
• Displaying a Forms Module on Multiple Layouts
• Creating a New Content Canvas
• Creating a New Stacked Canvas
• Creating a New Toolbar Canvas
• Creating a New Tab Canvas

Producing Triggers
• Grouping Triggers into Categories
• Defining Trigger Components: Type, Code, and Scope
• Specifying Execution Hierarchy
• Using the PL/SQL Editor
• Writing Trigger Code
• Using Variables and Built-ins
• Using the When-Button-Pressed and When-Window-Closed Triggers

Debugging Triggers
• The Debugging Process
• The Debug Console
• Setting Breakpoints
• Debugging Tips
• Running a Form in Debug Mode
• Stepping through Code

Adding Functionality to Items
• Coding Item Interaction Triggers
• Defining Functionality for Check Boxes
• Changing List Items at Run Time
• Displaying LOVs from Buttons
• Populating Image Items
• Populating and Displaying Hierarchical Trees
• Interacting with JavaBeans

Run-Time Messages and Alerts
• Built-ins and Handling Errors
• Controlling System Messages
• The FORM_TRIGGER_FAILURE Exception
• Using Triggers to Intercept System Messages
• Creating and Controlling Alerts
• Handling Server Errors
Query Triggers
- SELECT Statements Issued During Query Processing
- WHERE and ORDER BY Clauses and the ONETIME_WHERE Property
- Writing Query Triggers
- Query Array Processing
- Coding Triggers for Enter-Query Mode
- Overriding Default Query Processing
- Obtaining Query Information at Run Time

Validation
- Validation Process
- Controlling Validation Using Properties
- Controlling Validation Using Triggers
- Performing Client-Side Validation with PJC
- Tracking Validation Status
- Using Built-ins to Control When Validation Occurs

Navigation
- Navigation Overview
- Understanding Internal Navigation
- Using Object Properties to Control Navigation
- Writing Navigation Triggers: When-New–Instance, Pre- and Post- Triggers
- The Navigation Trap
- Using Navigation Built-ins in Triggers

Transaction Processing
- The Commit Sequence of Events
- Characteristics and Common Uses of Commit Triggers
- Testing the Results of Trigger DML
- DML Statements Issued During Commit Processing
- Overriding Default Transaction Processing
- Running Against Data Sources Other Than Oracle
- Getting and Setting the Commit Status
- Implementing Array DML

Writing Flexible Code
- What Is Flexible Code?
- Using System Variables for Flexible Coding
- Using Built-in Subprograms for Flexible Coding
- Referencing Objects by Internal ID
- Referencing Items Indirectly
Sharing Objects and Code
- Working with Object Libraries
- Working with Smart Classes
- Reusing PL/SQL
- Working with PL/SQL Libraries

Using WebUtil to Interact with the Client
- Benefits of WebUtil
- Integrating WebUtil into a Form
- Interacting with the Client

Introducing Multiple Form Applications
- Multiple Form Applications Overview
- Starting Another Forms Module
- Defining Multiple Form Functionality
- Sharing Data Among Modules

Oracle Reports Training Syllabus

Basic Concepts
- Oracle Reports Builder
- Reports
- Report Styles
- Wizards
- The Object Navigator
- The Report Editor
- Data Model Objects
- Layout Objects
- Parameter Form Objects
- The Property Instructor
- Runtime Views
- Oracle Reports Components

Advanced Concepts
- Reports
- Web Reports
- Data Model Objects
- Layout Objects
- Parameter Form Objects
- PL/SQL
- Templates
- Output Formats and Capabilities
• Data Sources
• Debugging Tools

Visual Index
• Building Basic Reports
• Building Group Reports
• Building Reports w/ Special Formatting
• Building Matrix Reports
• Building Reports for Business Cases
• Building Reports w/ PL/SQL and Java
• Building Reports w/ Pluggable Data Sources

How to
• Access Oracle Reports Documentation
• Set Properties and Preferences
• Perform Common Tasks
• Work with the Object Navigator
• Work with Reports
• Work with Web Reports
• Run and Dispatch a Report
• Work with the Data Model
• Work with the Report Layout
• Work with Report Sections
• Work with Parameters and the Parameter Form
• Define a Template
• Use PL/SQL in a Report or Template
• Debug a Report
• Integrate with Other Products
• Administer Oracle Reports Builder