TECHNO EXPERT SOLUTIONS

AN INSTITUTE FOR SPECIALIZED STUDIES!

Course Content of Oracle OAF:

Introduction to Oracle Applications and OAF

- Oracle Applications Framework
- OAF and MVC
- OAF Process Flow
- More about OAF

JDeveloper Overview

- JDeveloper Features
- Building OAF Application in JDeveloper
- Configuring JDeveloper Preferences

Basics of the Model

- Understand the basics of BC4J
- Understand an Entity Object
- Understand a View Object
- Understand an Application Module

Basics of the View

- Understand the terminology
- Building a basic OA Framework page
- List of Values
- Building Search Regions

Debugging OA Framework Applications

- Using JDeveloper debugger
- Examine Runtime variables and arguments
- Modify Runtime variables and arguments

Basics of the Controller

- Understanding OA Framework Controller
- Enhance an OA Framework page
- OA Framework : Message Dictionary

OA Framework Event Flows

- Initial Setup Flow
- Controller Event Flows
- Request Flow (GET)
- Submit Flow (POST)

Naming Conventions and Standards

- General Naming Rules
- Package Naming
- Page and Region Naming
- Item Naming

Error Handling

- Exception types and Classes
- Bundled exceptions
- Dialog pages
- Debugging messages

Implementing Business Logic

- Client Validations
- Required values and Data types
- Server Validations
- Entity object and View object validations

Partial Page Rendering

- Using Auto Submit
- Using Partial Submit
- Trigger and Target Components
- Implementing Partial Page Rendering

OA Framework State Management

- OA Framework State Caches
- Passivation
- "Back" button support

OA Framework Extension

- Types of Extension

- Overriding Default Values
- Override Attribute Validation

OA Framework Performance Tuning

- BC4J and JDBC Guidelines
- SQL Tracing
- Monitor Connection Pool
- OA Framework Performance Standards

Application Menus and Function Security

- OA Framework page menus
- Registering functions for OA Framework pages
- Creating Responsibilities and Users
- Using JSP test page

Implementing Internationalization

- Date and Timezone Internationalization
- Number and Currency Internationalization
- Testing Internationalization

Deploying OA Framework Applications

- Creating Deployment Profiles
- Deploying Model
- deploying View and Controller