Course Content of Oracle SOA:

1 Concepts of Service-Oriented Architecture
   - What is SOA?
   - About the SOA Creating Blocks
   - Methods of adopting SOA
     Discussing the SOA standards

2 Initiating with the Oracle SOA Suite 12c
   - About the service components supported in the Oracle SOA Suite 12c
   - Explaining the product components in the Oracle SOA Suite 12c
   - Discussing the management tools of the Oracle SOA Suite 12c

3 Building the SOA Composite Applications
   - About XML fundamentals
   - Description of the composite applications and service components according to Service Component Architecture (SCA)
   - Service design principles
   - Getting started with the SOA composite application implementation in JDeveloper

4 Orchestrating Services with the BPEL Process Components
   - About the BPEL concepts and BPEL process features
   - Discussing the fundamental programming constructs of the BPEL process
   - Communicating message data using the variables in the BPEL process
   - Consuming web services
   - Developing the BPEL process using BPEL process template provided by BPEL Process Designer

5 Connecting with the Binding Components
   - Explaining the Binding components
Course Content of Oracle SOA:

- Describing JCA adapters
- Describing REST adapter

6 Mediating Messages with Mediator Components
- Discussing the functionality and the features of a Mediator component
- Discussing the context of using a Mediator component
- Configuring a Mediator component with routing rules

7 Encapsulating the Business Logic with Business Rules Components
- Defining the rules of business
- Using Business Rule service components in the SOA Composites
- Editing business rules using SOA Composer

8 Implementing the Human Activities with Human Workflow Components
- Discussing the Human Workflow service concepts
- About the architecture of Human Workflow
- Creating and defining the Human Tasks
- Integrating Human Task service component in the BPEL process

9 Virtualizing and Securing Services
- Discussing the concepts of Enterprise Service Bus
- Explaining the functions performed by the Oracle Service Bus
- Creating and configuring services in the Oracle Service Bus
- Securing an SOA composite application

10 Managing, Monitoring, and Troubleshooting Composite Application
- About SOA composite application management
- Deploying an SOA application
- Monitoring the composite instances
- Discussing the fault handling
- Monitoring business activities
11 Enabling On-Premises Integration

- How the Oracle B2B is integrated with the Oracle SOA to enable electronic document exchange between the business partners?
- How Oracle MFT works with the Oracle SOA to handle file transfers?

12 Enabling Mobile and Cloud Integration

- How an SOA Suite simplifies the mobile integration?
- How an SOA Suite simplifies the cloud integration?