

**INDUSTRIAL TRAINING JAVA**  
**+ Selenium + Selenium**  
**Framework**

**Duration: 45 Hours**

**0731-4069788**

**SELENIUM  
INDUSTRIAL  
TRAINING**

**CORE JAVA**

- ❖ Explain JAVA Technology, Java Short History, Comparison of JAVA from C/C++
- ❖ Type of Application of JAVA
- ❖ Data type using Primitive type and Wrapper class
- ❖ Operator and Conditional Statements (if, if—else, nested, else if, multiple if)
- ❖ Control Structure and Switch Statement, Nested Switch Statement
- ❖ Array (One dimension, Multidimensional, Jagged, Object)
- ❖ String class, String Buffer Class, String Builder Class
- ❖ OOP's Introduction, Class and Object, Type of Class, Inner class, Anonymous object, Generic Class, Data abstraction, Encapsulation, Polymorphism, Constructor, Garbage collector, Inheritance, Abstract class, Interface, Super Keyword, this Keyword
- ❖ Exception Handling (Checked , Unchecked) Explain throw, throwable
- ❖ File Handling (File, File Reader, File Writer, Buffered Reader, Buffered Writer, FileInputStream, FileOutputStream)
- ❖ Serialization and Deserialization
- ❖ Multithreading, explain Thread, Runnable, Sleep, Wait, notify, and notify all,
- ❖ Collection Framework, Wrapper Class, Java 12 Features

**Selenium**

- ❖ Selenium Introduction, Selenium IDE
- ❖ Locators and Command implementation on Selenium IDE
- ❖ Web driver, Locator ,Command
- ❖ Web driver script for login and registration
- ❖ Web driver script for navigation
- ❖ Web driver wait command, Keyboard interaction, Mouse Interaction function
- ❖ Action and Actions in Web Driver
- ❖ Refresh a Web page in Selenium
- ❖ Maximize and minimize browser in selenium
- ❖ Handling cookies in Selenium
- ❖ Page Factory in Selenium Web Driver
- ❖ Right Click, Double Click handling in Web Driver
- ❖ Assert and Verify in Web Driver
- ❖ Drag and drop example in Selenium Web Driver
- ❖ Create automation script for pop box handling
- ❖ File uploading and Downloading Script for Web Driver
- ❖ Handle Dynamic Table in Web Driver

## **TESTNG**

- ❖ **TestNG Introduction**
- ❖ **TestNG Annotations**
- ❖ **Running Selenium Test Parallel**
- ❖ **Set test priority**
- ❖ **Test Suite using XML**
- ❖ **Convert all Web Driver Script to TestNG**

## **Framework**

- ❖ **What is Framework**
- ❖ **Type of Framework**
- ❖ **Data Driven Framework**
- ❖ **Keyword Driven Framework**

## **Design tools**

- ❖ **HTML5,CSS3,JS,Jquery,Angular**

## **Database and SDLC**

- ❖ **SQL Query,Table,Relationship**
- ❖ **SDLC,E-R Diagram,DFD,CLASS Diagram, Use Case Diagram,SRS,Synopsys,Project Report**



Visit us:- H.O. M-6, 1<sup>ST</sup> Floor Kanchan Sagar Near Industry House 0731-4069788, 7805063968  
[www.kangaroooftware.net](http://www.kangaroooftware.net),[www.shivaconceptsolution.com](http://www.shivaconceptsolution.com)