

# Selenium(with WebDriver)

---

## **SELENIUM WITH JAVA(Duration : 40 hrs)**

1. [Introduction to Selenium](#)

### **Selenium IDE (Duration: 10 hrs)**

2. [Install Selenium IDE and FireBug](#)
3. [Introduction to Selenium IDE](#)
4. [Creating your First Selenium IDE script](#)
5. [How to use Locators in Selenium IDE](#)
6. [How to enhance a script using Selenium IDE](#)

## **JAVA(Duration:15 hrs)**

### **Introduction to Core Java programming**

- The Java Virtual Machine
- Variables and data types
- Conditional and looping constructs
- Arrays

### **Object-oriented programming with Java Classes and Objects**

- Fields and Methods
- Constructors
- Overloading methods
- Garbage collection
- Nested classes

### **Inheritance**

- Overriding methods
- Polymorphism
- Making methods and classes final
- Abstract classes and methods
- Interfaces

### **Exception handling with try-throw-catch-finally constructs**

- The Exception class

### **The Object Class**

- Cloning objects
- The JDK LinkedList class
- Strings
- String conversions

### **Working with types: Wrapper Classes**

- Enumeration interface

### **Packages**

- Package access
- Documentation comments

### **Applets**

- Configuring applets
- Applet capabilities and restrictions

- [Annotations](#)

**WebDriver (Duration :10hrs)**

7. [Introduction to WebDriver & Comparison with Selenium RC](#)
8. [Guide to install Selenium WebDriver](#)
9. [Creating your First Script in Webdriver](#)
10. [Accessing Forms in Webdriver](#)
11. [Accessing Links & Tables using Selenium Webdriver](#)
12. [Keyboard Mouse Events , Uploading Files - Webdriver](#)

**The Advance Stuff!(Duration : 5 hrs)**

13. [How TestNG makes Selenium tests easier](#)

**Batch Timing: 9 am-5.30 pm / 9 am-1 pm / 1.30 pm-5.30 pm / Saturday Only**