

Course Syllabus & Topics

1. Java Topics: (20 Days)

1. Java **DAY-1**
2. Features
3. Architecture
4. Coding standard
5. Data types **DAY-2**
6. Access specifier
7. Garbage collection
8. Oops
 - a. Encapsulation
 - b. Inheritance
 - c. Polymorphism **DAY-3**
 - d. Abstraction
9. Constructor **DAY-5**
10. Scanner Class
11. Control statement **DAY-6**
 - a. For Loop
 - b. While, Do-while **DAY-7**
 - c. Pre, Post Increment,
 - d. Type Casting
12. Selection statement **DAY-8**

If- else if, switch
13. Jumping statement **DAY-9**
 - a. Break, Continue,
 - b. Return Statement
14. Types of Variables **DAY-10**
15. Keywords **DAY-11**

Static, Final, This, Super
16. Array **DAY-12**

- 17. String **DAY-13**
 - Immutable, Mutable **DAY-14**
 - Literal - Non-Literal
 - String Buffer - String Builder
- 18. Collection **DAY-15**
 - List, set
 - Map **DAY-16**
 - Iterator, List-Iterator **DAY-17**
- 20. Exception **DAY-18**
 - Exception handling **DAY-19**
 - User defined exception
- 21. Repetitive Words **DAY-20**

2. Selenium Topics: (18 Days)

- 1.Intro & Browser Launch **DAY-1**
- 2.WebDriver methods **DAY-2**
- 3.locators **DAY-3**
- 4.Xpath **DAY-4**
- 5.WebElement methods **DAY-5**
- 6.Screen shots **DAY-6**
- 7.Drop down (single) **DAY-7**
- 8.Drop down (multiple) **DAY-8**
- 9.Alert **DAY-9**
- 10.Frame **DAY-10**
- 11.ScrollUp and Scroll down **DAY-11**
- 12.Waits **DAY-12**
- 13.Actions **DAY-13**
- 14.Robot class **DAY-14**
- 15.Windows handling **DAY-15**
- 16.Webtable **DAY-16**
- 17.Absolute X-path **DAY-17**
- 18.Dynamic X-path **DAY-18**

3. Project: (10 Days)

Maven

Installation & Introduction **DAY-1**

Base Class

Introduction **DAY-2**

3 Methods **DAY-3**

4 Methods **DAY-4**

POJO **DAY-5**

POM Class **DAY-6**

Singleton Design Pattern **DAY-7**

Data Driven

Introduction **DAY-8**

Read Data **DAY-9**

Write Data **DAY-10**

4. Frameworks: (12 Days)

TestNG

Installation & Introduction **DAY-1**

4 Features **DAY-2**

4 Features **DAY-3**

Data Provider & Parameter **DAY-4**

Parallel, Cross, Report, Failed Test **DAY-5**

Retry Analyzer **DAY-6**

Assert **DAY-7**

Cucumber

Installation & Introduction **DAY-8**

Feature File **DAY-9**

Runner & Step Definition **DAY-10**

Cucumber Options **DAY-11**

Property File **DAY-12**

Selenium (SDET) Course Placement Training Syllabus

1. Java
2. Programs
3. Selenium
4. Maven
5. POM
6. Singleton design pattern
7. Junit
8. TestNG
9. Data Driven Framework (Excel)
10. Cucumber
11. Project (Live)
12. Git
13. Jenkins
14. SQL-Basics