

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**

Mutable - Immutable

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 (Id & name) **DAY-3**

4.Xpath (Relative) **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

Install & 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

Install & 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

Install & Introduction **DAY-8**

Feature **DAY-9**

Runner & Step Definition **DAY-10**

Cucumber Options **DAY-11**

Property File **DAY-12**

Course Duration**A. Regular:****Duration: 90 Days (Timing: Minimum 1Hr/Day)**

| Topic | Duration |
|----------------------|----------------|
| Java | 20 days |
| Selenium | 18 days |
| Project & Frameworks | 22 days |
| GIT & Jenkins & API | 10 days |
| Manual Testing | 05 days |
| IPT | 15 days |
| Total | 90 Days |

B. Full Time Training:**Duration: 60 Days (Timing: 3 Classes/Day)**

| Topic | Duration | Timing |
|----------------------|---------------------------------|----------------------|
| Java | Will Start Immediately | 1 Hour |
| Selenium | Will Start 2 nd Week | 1 Hour |
| Manual Testing | Will Start 3rd Week | 1 Hour |
| GIT & Jenkins & API | Parallel Class | Parallel Class |
| Project & Frameworks | Parallel class | Parallel Class |
| IPT | Last 15 days | Last 15 days |
| Total | 60 Days | Min 3 Hrs/Day |

Note: If you need immediate Placement, you can attend Full-Time Training

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. JDBC
11. Cucumber
12. Project (Live)
13. Git
14. Jenkins
15. Agile-Scrum, JIRA
16. Manual Testing
17. API Testing
 - Postman
 - Rest Assured API
18. SQL
19. Interview Preparation Training (IPT)– By Mr. Suresh Thirumalai
 - Self-Introduction
 - Project Overview
 - Framework Structure (End to End)
 - Roles & Responsibilities
 - Daily Activities
 - HR Questions & Answers (Interview Scheduling)
 - L1 Interview Questions
 - L2 Interview Questions
 - Client Round Questions
 - HR Round Questions
 - Mock Interview
 - Resume Preparation
20. Interview Arrangement (Placement)