**Syllabus – Basic Selenium**

**Part-A:**

1.Introduction to Automation

* What?
* When?
* Why?
* Automation Tool and its Types?
* Advantages and Disadvantages of Automation.

2.Introduction to Selenium

3.Components of Selenium

4.Introduction to Selenium WebDriver Version4

5.Java Selenium Architecture

6.Praticals

7.Launching Empty Browsers

8.Webdriver Methods (11+2 Methods)

9.Locators

10.Types of Locators (8 Types)

11.WebElements Methods (14+ Methods)

**Part-B:**

**Advance Scenarios**

* Handling Auto Suggestion
* Handling Key Board Strokes
* Handling SVG Elements
* Handling Mouse Hover Action
* Handling Drop Down/List Box
* Handling Scroll Bar
* Handling Synchronization Issues
* Handling Multiple Web Elements

**Pop Up**

* Alert popup
* Browser Native Popup
* Calendar popup
* Hidden Division Popup
* Frames Popup
* Window Handling Popup
* File Upload Popup
* File Download Popup

**Part -C:**

**Frame Work:**

1.DDT (Data Driven Testing):

* What is DDT?
* Advantages of DDT

2.POM (Page object Model):

* what is POM?
* Advantages of POM

3.TestNg:

* what is TestNG?
* Why TestNG?
* Types Annotation
* Types of Execution
* Advantages of TestNG