**AUTOMATION TESTING(SELENIUM)**

**Syllabus**

1.Introduction to Software Testing and Selenium

2.Basics of Java

3.Test Environment Setup/Installation of Selenium

4.Introduction to Selenium WebDriver

5.WebElements and Different Operations in Webpage

6.Types of Locators and Capturing Elements

7.XPath Usage and Importance

8.Handling Synchronization

9.POI (Working with Excel)

10. Alerts & Popup Handling

11.TestNG

12.Handling Iframes

13.Cross Browser Testing

14.Reporting The Results

15.Taking Screenshots and Page Scrolling

16.Framework (Page Object Model and Page Factory)

17.Upload and Download Files

18.JavaScript and Selenium

19.Exception Handling

20. Database Testing

21.Maven Integration

22.Continuous Integration (Jenkins & GitHub)

23.Jira Integration (Automatic Defect Logging)

24.Live Project