**MODULE – 5 “ SELENIUM IDE ”**

1. **What is Automation Testing?**

Automation testing is the process of testing software and other tech products to ensure it meets strict requirements.

1. **Which Are The Browsers Supported By Selenium Ide?**

Selenium IDE has add-ons for Firefox and Chrome browsers.

1. **What are the benefits of Automation Testing?**
   * + - Lower operating costs
       - Improved worker safety
       - Reduced factory lead times
       - Faster ROI
       - Ability to be more competitive
       - Increased production output
       - Consistent and improved part production and quality
       - Smaller environmental footprint
       - Better planning
       - Reduce need for outsourcing
       - Optimal utilization of floor space
       - Easy integration
       - Maximize labour

* Increase productivity and efficiency
* Increase system versatility

1. **What are the advantages of Selenium?**

• Selenium is an Open Source Software.

• Selenium supports various programming languages to write programs (Test scripts)

• Selenium supports various operating systems (MS Windows, Linux, Macintosh etc...)

• Selenium supports various Browsers (Mozilla Firefox, Google Chrome, IE, Opera, Safari etc...)

• Selenium supports Parallel Test Execution.

• Selenium uses fewer Hardware resources.

• Test cases can be executed while the browser window is minimized.

• Selenium Test Case Execution time is faster than other tools like UFT, RFT, Test Complete, Silk Test, etc.

1. **Why testers should opt for Selenium and not QTP?**

With Selenium grid, you have the ability to run as many tests as you want. Further, you can achieve this when you need and in parallel. You will just need a browser so that you can run the test. With QTP testing tool, there is no resource like selenium grid and hence selenium takes preference here.

1. **To validate the tops technologies website Contact us page**

[**https://www.tops-int.com/contact-us/**](https://www.tops-int.com/contact-us/)

Zip file linked with github : [**https://github.com/nikuldodiya735/Nikuldodiya-testing**](https://github.com/nikuldodiya735/Nikuldodiya-testing)

SELENIUM IDE :

[**https://github.com/nikuldodiya735/Nikuldodiya-testing/blob/main/TOPS-TECHNOLOGY%20.side**](https://github.com/nikuldodiya735/Nikuldodiya-testing/blob/main/TOPS-TECHNOLOGY%20.side)