SNo	Selenium Automation Testing with Project
	Syllabus
1	**Introduction of Automation Testing**
2	**Webelement**
3	**Types of Webelements**
4	**Operations of Webelement**
5	**HTML for Webelements**
6	**Locators for Webelement**
7	**Add-ons a)Chropath b)Xpath c) Developer tools**
8	**Introduction of Selenium and components**
9	**a)Selenium IDE- Chrome&Firefox Browser add-on Functional Testing Tool**
10	**a1.Commands / Verification and Assertions**
11	**a2.Test Suite: set of test case scripts**
12	**a3.Automation scripts for test cases**
13	**b)Selenium RC-Server based Functional Testing Tool for webbased application**
14	**c)Selenium WebDriver-Standalone Functional Testing Tool for webbased application**
15	**d)Selenium Grid-Non functional Testing tool for Performance Testing**
	Selenium Webdriver
1	**Introduction of Selenium Webdriver including advantages and disadvantages**
2	**Inspecting Webelement**
3	**Locators types for Webelement**
4	**Xpath**
5	**Browser Commands-commands to handle browser**
6	**Webelement Access commands- findelement() and findelements() to access webelement**
7	**Webelement commands-Operation on webelement**
8	**Window handle commands- handling popup ,frames and windows**
9	**Action commands-Keyboard, Mouse and cursor related commands**
10	**Synchronization commands-Slowly running script to execute commands**
	Selenium Webdriver Automation scripts
11	**Script for valid&Invalid Test cases**
	Type of Automation Frameworks
12	**Framework**
13	**a)Sequential framework**
14	**b))Modular framework**
15	**c)Data driven framework**
16	**d)Keyword driven framework**
17	**e)Hybrid framework**
	TestNG framework
18	**Script with TestNG annotations**
19	**Batch Run with XML file**
20	**Parameterizing Tests- Dataprovider for Data Driven Testing**

21	**Database Testing**
	Regression Testing
22	**Script for Regression Testing with framework**
	Data driven Testing
23	**Script for DataDriven Testing with framework**
	Cross Browser Testing
24	**Script for Cross Browser Testing with framework**
	Others
1	**Excel Read&Write by Java with apache POI jars**
2	**Github For Cloud repository Management**
3	**Maven Project**
4	**Jenkins concepts for build management**
5	**AutoIT for window based application scripts**