Course Code	Course Title	Credits	Lectures /Week
USCSP5032	**Software Testing & Quality Assurance – Practical**	**1**	**3**
1	Install Selenium IDE and create a test suite containing a minimum of 4 test cases for different web page formats (e.g., HTML, XML, JSON, etc.).		
2	Conduct a test suite for two different websites using Selenium IDE. Perform various actions like clicking links, filling forms, and verifying content.		
3	Install Selenium Server (Selenium RC) and demonstrate its usage by executing a script in Java or PHP to automate browser actions.		
4	Write a program using Selenium WebDriver to automate the login process on a specific web page. Verify successful login with appropriate assertions.		
5	Write a program using Selenium WebDriver to update 10 student records in an Excel file. Perform data manipulation and verification.		
6	Write a program using Selenium WebDriver to select the number of students who have scored more than 60 in any one subject (or all subjects). Perform data extraction and analysis.		
7	Write a program using Selenium WebDriver to provide the total number of objects present or available on a web page. Perform object identification and counting.		
8	Write a program using Selenium WebDriver to get the number of items in a list or combo box on a web page. Perform element identification and counting.		
9	Write a program using Selenium WebDriver to count the number of checkboxes on a web page, including checked and unchecked counts. Perform checkbox identification and counting.		
10	Perform load testing on a web application using JMeter. Generate and analyze load scenarios. Additionally, explore bug tracking using Bugzilla as a tool for logging and tracking software defects.		