



Kannada Sangha Pune's

**Kaveri College of Arts, Science and Commerce, Pune**

Name of the Department: Computer Science

**Name of the Course:** Add on Course on Software testing using Selenium IDE and Webdriver

**Eligibility:** M. Sc (CS)

**Duration:** 12-15 hours

**Fees:** Will be announced before starting the course

**Number of students:** 30

**Objectives of the Course:**

- Make students aware of automated testing
- Get introduced to Selenium and know about the advantages and application of Selenium.
- To make the student job ready in the field of testing.

**Syllabus**

- Introduction to software testing
- White box testing and black box testing
- Manual testing and automation testing
- Introduction to selenium automation testing
- Selenium IDE
  - Introduction and download selenium IDE
  - Different ways to locate web elements
  - "Selenese" – Selenium Commands
  - Developing test cases and test suits with selenium IDE
- Selenium webdriver
  - Introduction to selenium webdriver
  - Identifying and handling web elements
  - Writing and running different test cases with selenium webdriver

**Course Outcomes:**

At the end of the course, the student will be able to

- Know what is automated testing and do testing using Selenium
- Understand Selenium Setup and Functioning

*Chitralavani*  
Chitra Alavani  
Course Coordinator

*Ashok M. Agrawal*  
Dr. Ashok M. Agrawal  
Principal