



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT ON Emerging Tools and Techniques in Software Testing WORKSHOP

Name of the Event: “Emerging Tools and Techniques in Software Testing”

Event Date: 12/12/2023

Speaker Details: Ms.Rekha R, Sr. Quality Engineer L2, Publicis Sapient(Goldman Sachs Client).

Venue: CSE LAB3.

Audience: Interested 7th Semester Students of all five sections.

Gist of the Event:

Dept of CSE, in association with Computer Society of India, had organized a workshop on Emerging Tools and Techniques in Software Testing (12-12-23) for 7th semester students. It was an interactive workshop with Ms.Rekha R, The workshop commenced with introduction to Software Testing. [Software testing plays a crucial role in ensuring the quality and reliability of software applications] and then she briefed about the Automation tools used in the real time.

The students had hands on experience of a new Java project named "Login_Test" using Eclipse. Participants were guided through the process of setting up a new Java class, named "Login_test," and importing the necessary Selenium, WebDriver and ChromeDriver JAR files. The attendees were directed to download the latest ChromeDriver and Selenium WebDriver for Java, followed by configuring the build path in Eclipse.

During the practical session, participants were provided with a Selenium program written in Java to automate the login process on the SpiceJet website. The code demonstrated essential functionalities, such as setting the ChromeDriver path, opening the login webpage, maximizing the browser window, and entering login credentials before clicking the login button.

By the end of the workshop, participants gained hands-on experience in using Selenium for web application testing, specifically focusing on the login functionality of the SpiceJet website. The workshop fostered a better understanding of Eclipse, JDK concepts, and Selenium WebDriver, enhancing the participants' skills in automated testing and providing a valuable resource for their future endeavors in software testing

Glimpses of the Event



