



RajaRajeswari Group of Institutions  
Center for Test and Data Sciences



# SelectSmart Activity Report

On

**Cloud Based Test Automation**

By Mr. Prasanna Purohit  
Automation Expert

Conducted on: **20-Sep-2020**@ 11 am  
Via: Zoom Meetings / YouTube

## ACTIVITY REPORT

Activity Name	Cloud Based Test Automation
Activity Type	Lecture
Conducted By	CTDS Bangalore

### About the Activity:

This is a lecture / webinar activity presented by Mr. Prasanna Purohit, Automation Expert.

#### About the Mentor:

Self-motivated candidate with highly technical, managerial, research and analytical skills. A fluent and effective communicator possessing strong problem-solving skills and a knack for strategically implementing end to end automation solution.

Defined Automation Strategy and Framework for API, Functional (GUI, Mobile) and Performance Testing. Designed Automation Framework as one-point solution for API Tests, GUI, Mobile and machine interaction for image processing. Contributed to Build pipeline strategy for all automation and performance testing. Designing API Tests suite for Continuous Build Delivery Tests.

As a SDET, I have worked on various software testing areas which include Web Service Testing (REST and SOAP based), API testing and Manual Testing. Proficient in Automation testing using Selenium with the BDD tools like FIT and Cucumber/Spec Flow using C# and Java. Also involved in creating the performance tests using JMeter

During this time involved in development of Automation Framework so it is easily integrated with any CI tool. Integrated the automation framework with CI like Team City and Jenkins. Gained significant experience in Health care products like Electronic Lab notebook, Work Request etc and its workflow process.

Expertise in: Automation Testing using C#/Selenium/Spec Flow/Cucumber/Java and also with other tools like QTP, Manual testing, API Testing.

### Video Link of the Activity:

<https://youtu.be/9QIGTx2jxJM>

Invitation:



## RAJARAJESWARI GROUP OF INSTITUTIONS CENTER FOR TEST AND DATA SCIENCES



are organizing a **WEBINAR** session on

CLOUDBASED

# TEST AUTOMATION

Date: **20-Sep-2020** | Time: **11am** | Platform: **Zoom**

### CONDUCTED BY



**Mr. Prasanna Purohit**  
Automation Consultant  
Generis Technologies  
Bangalore



Meeting ID: **942 6134 1619**  
Password: **819983**

**Zoom Meeting Limit: 100 pax**

Only Zoom participants get the opportunity to interact live with the mentor via Zoom.

Also this session will be streamed via YouTube LIVE

Supported by



Students login via <http://college.selectsmart.net> and get access to  
**Uploaded Webinar Contents** | **Online Assessment** | **Certification Details**

If you have any issues, email us to [info@selectsmart.net](mailto:info@selectsmart.net)

## Mentor Profile:

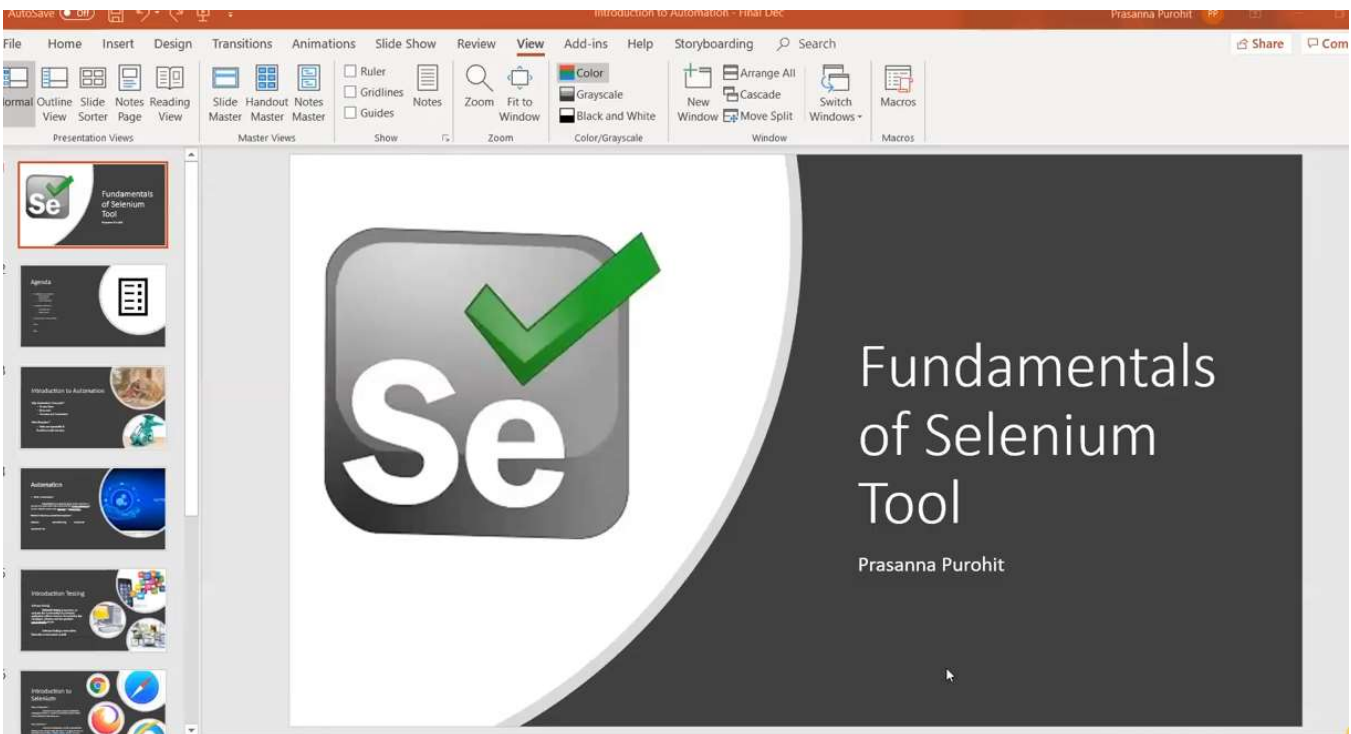


The image shows a presentation slide for a mentor profile. On the left is a portrait of Mr. Prassana Purohit, a man with dark hair wearing a plaid shirt, with a pink balloon in the background. To the right of the portrait is a list of his qualifications and experience. The slide has a blue header with the 'SelectSmart' logo and a world map background. At the bottom left of the slide, there is a navigation bar with icons for back, forward, search, and other presentation controls.

**Mr. PRASSANA PUROHIT**  
**MENTOR COUNCIL : AUTOMATION**

- ❖ 15 years Experience Application Automation
- ❖ Working with Paskon
- ❖ Test Automation Architect
- ❖ Certified Scrum Master
- ❖ B.E in Electricals and Electronics
- ❖ Extensive experience in design & Implementation of Automation Frameworks, Strategies & Solutions
- ❖ Passionate about helping students

## Photo Gallery:



The image is a screenshot of a Microsoft PowerPoint presentation. The title bar shows the file name 'Introduction to Automation - Final Dec' and the presenter's name 'Prasanna Purohit'. The ribbon is set to 'View', showing options for presentation views, master views, and zoom. The slide content features a large Selenium logo (a grey rounded square with a green checkmark and the letters 'Se') on the left. On the right, the text reads 'Fundamentals of Selenium Tool' and 'Prasanna Purohit'. A thumbnail pane on the left shows a list of slides, with the current slide highlighted.

# Introduction to Selenium

## What is Selenium ?

Selenium is an open-source automation testing tool which is used for automating tests carried out on different web-browsers

## Why Selenium ?

Selenium is basically used to automate the testing across various web browsers. It supports various browsers like Chrome, Firefox, Safari, and IE, and you can very easily [automate browser testing](#) across these browsers using Selenium WebDriver



# Fundamentals of Selenium

- **Language and Framework Support**
  - Selenium as it supports all major languages like Java, Python, JavaScript, C#, Ruby, and Perl programming languages
- **Open Source Availability**
  - open source tool, Selenium is a publicly accessible automation framework and is free
- **Multi-Browser Support**
- **Support Across Various Operating Systems**
  - work across different operating systems like Windows, Linux, Mac OS, UNIX, etc.
- **Ease Of Implementation**
- **Reusability and Integrations**
  - Easily integrated with any of the Test Framework like Junit, TestNG and also build tools like Maven, Jenkins and Docker
- **Flexibility & Extensibility**
- **Parallel Test Execution**

