

Introduction to Robot Framework Course

Course Duration : 40 Hours

Course code : RF-INTRO-947

1. Course Overview

The Introduction to Robot Framework Course is designed to help beginners understand and implement test automation using Robot Framework. This course focuses on building easy-to-read and maintainable test cases using keyword-driven testing.

2. What you'll learn?

- Fundamentals of Robot Framework
- Keyword-driven testing approach
- Writing and executing test cases
- Working with variables and libraries
- Integration with Selenium
- Test reporting and debugging

3. Target Audience

- Beginners in automation testing
- QA testers and test engineers
- Manual testers transitioning to automation
- Developers interested in testing
- Students and fresh graduates

4. Pre-Requisites

- Basic knowledge of software testing
- Familiarity with programming concepts (optional)
- Understanding of web applications
- Interest in automation testing

5. Course Content (Modules)

Module 1: Introduction to Robot Framework

- Overview and features
- Installation and setup
- Framework structure

Module 2: Test Case Development

- Writing test cases
- Keywords and variables
- Control structures

Module 3: Libraries & Integration

- Built-in libraries
- SeleniumLibrary basics
- External libraries

Module 4: Test Execution & Reporting

- Running test cases
- Logs and reports
- Debugging techniques

Module 5: Real-World Scenarios & Best Practices

- Web automation examples
- API testing basics
- Best practices

