

Total Duration – 4 Days (32 Hours)

### **ISTQB Basic**

- Software Development Life Cycle
- Software Testing Life Cycle
- Software Defect Life Cycle
- Types of Testing (Static Testing, Dynamic Testing / Functional, NonFunctional)
- Levels Of Testing
- Testing Techniques

### **Automation Basic**

- Purpose Of Test Automation
- Advantage Of Test Automation
- Disadvantage Of Test Automation
- Tool Evaluation and Selection
- Test Automation Architecture
- TAS/TAF Development

### **Selenium WebDriver**

- Setting up a project in Eclipse with Maven
- Selenium IDE/Selenium Grid/Selenium WebDriver
- Locating WebElements using WebDriver
- Interacting with WebElements
- Different Available WebDrivers
- Synchronization
- JavaScript Executor

### **TestNG**

- Testng Annotations
- Prioritizing Test cases
- Grouping Test cases
- Parallel Testing using TestNG
- Parametrization

### **RestAssured:**

- Configure Eclipse with Rest Assured
- GET, POST, PUT and Delete Request using Rest Assured
- REST API Test using Rest Assured
- Validate Response Status using Rest Assured
- Validate Response Header using Rest Assured
- Read JSON Response Body using Rest Assured
- Authentication in Rest Assured