



Testing Shastra

REST API

SYLLABUS

Mode of Training: Online (Zoom App)

Time: Sat, Sun 2 Hrs.

For more info., Call on:

+91-9130502135

1. Introduction to Web Services
2. Introduction to Postman
1. Installing Postman
2. What is Header
3. What is Body
4. What is Pre-request Script
5. Tests in Postman
6. Response Codes:
200,201,204,400,401,403,404,405,500,503
3. Introduction to Rest Assured
4. Rest Assured methods: GET/POST/PUT/Delete
5. Handle different payloads using POJO and JSON/XMLs
6. Handle Authentication using Basic Auth, Bearer Token, Authorization Token, Client ID, Client Secret, API Key, API Secret, OAuth2.0
7. All core features of Rest Assured Library:
 1. What is GIVEN/WHEN/THEN/AND methods
 2. What is LOG and ALL methods
 3. How to ASSERT in Rest Assured

4. How to verify Status Code, Response Body and Headers
5. How to use QUERY PARAMETERS and PATH PARAMETERS
6. What is ResponseBuilderSpec and RequestSpecification Concept
7. What is JSONPATH
8. What is EXTRACT method
9. How to send a POST CALL with JSON String, JSON File and using Java (POJO) Class.
10. What is Serialization and De-Serialization
11. How to use HAMCREST - Assertion Library
8. Karate Framework and it's uses
 - a) Introduction to Karate
 - b) Project setup
 - c) Execution and assertion of basic project.