

Course Code: CS-623 P

Total Credit: 1.5

Periods: 3 per week (50 Minutes each)

Course Title : Practical based on A1.CS-621-T

Marks: 50 (UA: 40 + IA: 10)

List of Experiments: Software Quality Assurance & Testing

Part 1: Test Planning

- a) Prepare Quality Plan for any Application like online shopping etc.
- b) Prepare Test Plan for any Application like Railway Reservation System etc.

Output: Test plan and Quality Plan

Part 2: Software Testing

- a) Create Test cases (Unit, Integration, System and Acceptance Test Cases) for Application
- b) Perform manual testing using test case created and prepare test Metrics.

Part 3: Software Testing

Test automation – script creation and execution.

Tools: Selenium

1. Open URL in different browsers (Chrome, Firefox, IE)
2. Perform mouse hovers and other events
3. To take snapshots.
4. Getting current time-stamp
5. To Handle a drop-down.
6. Handling 2 3 steps at a time like Website Registration+login+logout at a time in single run.
7. To Upload File.
8. Storing and fetching data from excel (E.g Registration data)
9. Radio button selection.
10. Checkbox Selection