Module 1: Manual testing.

Session 1: Software Testing - Introduction – Importance

Seven Fundamental Principles of Testing, Software Testing Life Cycle - STLC explained.

Session 2: Manual testing for Beginners.

Session 3: Functional testing.

Session 4: Unit Testing

Session 5: Integration testing

Session 6: System testing

Session 7: Test case Development, Test scenario, test basis, test planning, test estimation.

Session 8: Test Case Preparation and execution, Defect life cycle, test management.

Module 2: Automation testing (Selenium Web driver)

Session 9: Introduction to selenium web driver.

Session 10: Web elements and web locators

Session 11: Web Driver Commands and Operations

Session 12: Handling elements in selenium.

Session 13: Cross browser with selenium.

Session 14: Introduction to selenium IDE.

Session 15: Introduction to testing framework.

Session 16: Data driven testing in selenium.

Session17: Read and write excel file in selenium.

Session 18: Selenium Database testing.

Session 19: Verify Tooltip, flash, broken links in testing.

Session 20: Real Time Exercises end to end Programming.