



## Ishnira Technologies Pvt. Ltd.

219, 4th Main, Above Banashankari Bakery Singasandra,  
Hosur main Road Bangalore Karnataka – 560068

Website – [www.ishnira.com](http://www.ishnira.com)

### Manual Testing

- ❖ Software Development Life Cycle
- ❖ Models of SDLC(Waterfall, Spiral, Prototype, V&V, Hybrid)
- ❖ Agile Methodology
- ❖ Requirement Document
- ❖ Testing & Types of Testing(White Box, Black Box, Grey Box)
- ❖ Functional Testing, Integration Testing, System Testing
- ❖ Types of Application and their architecture
- ❖ Build Process
- ❖ Testing Process(Test Server, Staging Server, Production Server)
- ❖ UAT
- ❖ Smoke Testing, Ad-hoc Testing, Exploratory Testing
- ❖ Test Case Design Techniques
- ❖ Test Document(Test Scenarios, Test Cases)
- ❖ Test Case Review Process
- ❖ Test Execution Report
- ❖ Test Plan
- ❖ RTM
- ❖ Compatibility Testing, Performance Testing, Usability Testing
- ❖ Bug Life Cycle
- ❖ Regression Testing
- ❖ Automation Testing(overview)
- ❖ STLC
- ❖ Basics of SQL
  - Introduction to DBMS & RDBMS
  - DML Statements:
    1. SELECT
    2. UPDATE
    3. INSERT

4. DELETE

5. TRUNCATE

- DDL Statements:

- 1. CREATE

- 2. ALTER

- 3. DROP

- 4. Keys and Constrains

- TCL Statements

- Joins & Sub-queries

- ❖ Basics of UNIX

- ❖ Quality Centre- Test Management Tool

- ❖ Jira- Bug Tracking Tool

## **Selenium WebDriver**

- HTML Language (Basics)
- Introduction to Selenium Community
- Selenium IDE
- Selenium RC
- Selenium WebDriver
  1. WebDriver class diagram
  2. Working with multiple drivers
  3. Working configuration
  4. WebDriver browser operation
  5. WebElement Operation
  6. Object Identification
  7. WebDriver wait statements
  8. Working with Dropdown
  9. Keyboard and Mouse operation
  10. Working with multiple elements
  11. Pop-up handling
  12. Frame handling

### 13.File handling (Apache POI)

- Unit testing tool - Test NG
- Framework Implementation
- SVN
- Auto IT
- MAVEN
- JENKINS
- DB Connection