

TESTING TOOLS

QSIP- INTERNSHIP GUARANTEED PROGRAM

Technical Training

| Softskills

| Aptitude

| Practicals

**SAFE &
SECURE JOB**

4 Certifications

AI Based Mock Tests

 **naukri**

OPENINGS : 124013+

LLM Access
for 6 Months

For More Details  81069 61963

TRAINING

- ⇒ Real Time Training
- ⇒ Live Project/Use Cases
- ⇒ LMS Access for 6 Months
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ 1 Mock Interview
- ⇒ Interview Questions & Readiness Preparation
- ⇒ Placement Referral Support
- ⇒ Course Completion Certificate

Duration: Max of 4 months
Daily 1.5-3 hrs

Timings:
Morning 07:00AM-09:00AM | Evening 06:00PM-09:00PM

JOIP

- ⇒ Full Day Training
- ⇒ Real Time Training
- ⇒ Live Project / Usecases
- ⇒ LMS Access for 8 Months
- ⇒ Soft Skills & Aptitude Classes
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Interview Questions Preparation
- ⇒ Monthly Placement Screening Tests
- ⇒ Assignments / Mock Tests
- ⇒ Interview Readiness Sessions
- ⇒ Mega Drive Selection Mandatory For Placements
- ⇒ Pay After Placement
- ⇒ Placement Assistance
- ⇒ Course Completion Certificate

**BAJAJ
Finance Loan
with 0% EMI**

Duration: Max of 6 months - Daily 1.5-3 hrs
Timings: 08:00AM-06:00PM

I&I-100% PLACEMENT ASSISTANCE

- ⇒ Full Day Training + Internship from Day 1
- ⇒ Real Time Training
- ⇒ Internship @IT Company-Ramana Soft
- ⇒ Live Project/ Client Projects Implementation
- ⇒ LMS Access Upto 1 Year
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Assignments/Mock tests

**BAJAJ
Finance Loan
with 0% EMI**

- ⇒ Soft Skills & Aptitude Classes
- ⇒ Monthly Placement Screening Test
- ⇒ Interview Questions & Readiness Preparation
- ⇒ Pay After Placement
- ⇒ No Mega Drive Selection
- ⇒ Personalised Assistance for Complex Tasks
- ⇒ 100% Placement Assistance - Until you're Hired
- ⇒ Internship Completion Certificate-6 Months from Ramana Soft or Client
- ⇒ Course Completion Certificate - Quality Thought

⇒ Max Of 6 Months | 8 Hrs Per Day | 3rd & 4th Month Internship- 4 Hrs
⇒ 1st & 2nd Month Internship - 2 Hrs | Internship Duration: 6 Months
⇒ Training Duration: 4 Months | 5th & 6th Month Internship- 8 Hrs

QSIP-100% PLACEMENT ASSISTANCE

- ⇒ Full Day Training Paid Internship from Day 1
- ⇒ Real Time - Industry Training
- ⇒ Internship @IT Company-Ramana Soft
- ⇒ Live Projects / Client Projects Implementation
- ⇒ LMS Access Upto 1 Year
- ⇒ Resume Preparation
- ⇒ Doubts Clarification
- ⇒ Weekly 1 Mock Interview
- ⇒ Assignments/MockTests
- ⇒ Soft Skills & Aptitude Classes
- ⇒ Monthly Placement Screening Test

**BAJAJ
Finance Loan
with 0% EMI**

- ⇒ Personalized Support from a Dedicated Placement Officer
- ⇒ Interview Questions & Readiness Sessions
- ⇒ No Mega Drive Selection
- ⇒ Personalised Assistance for Complex Tasks
- ⇒ Eligibility Criteria 2020-2025 Passed Outs Only
- ⇒ Only Freshers Internship
- ⇒ HR Approval Mandatory
- ⇒ Ramana Soft Interview Mandatory
- ⇒ 100% Placement Assistance - Until you're Hired
- ⇒ Internship Completion Certificate-6 Months from Ramana Soft or Client
- ⇒ Course Completion Certificate - Quality Thought

180 Days Paid Internship Program Overview

⇒ Max Of 6 Months | 8 Hrs Per Day | 3rd & 4th Month Internship- 4 Hrs
⇒ 1st & 2nd Month Internship - 2 Hrs | Internship Duration: 6 Months
⇒ Training Duration: 4 Months | 5th & 6th Month Internship- 8 Hrs



TESTING TOOLS

Testing Basics

- ⇒ Introduction to Software Testing
- ⇒ What is Quality Application
- ⇒ Why to deliver Quality Application
- ⇒ How to deliver Quality Application
- ⇒ What is software testing
- ⇒ Why testing is important
- ⇒ How to do testing
- ⇒ Testing Principles
- ⇒ Difference between Product and Project
- ⇒ QA, QC and differences
- ⇒ Verification, Validation and differences
- ⇒ Testing Techniques
 - i. Static Testing
 - ii. Dynamic Testing
 - iii. Differences between Static Testing and Dynamic Testing
- ⇒ Testing Methodologies
 - i. Whitebox Testing
 - ii. Blackbox Testing
 - iii. Greybox Testing
 - iv. Differences between Whitebox testing and Blackbox Testing
- ⇒ Testing Levels
 - i. Unit Testing
 - ii. Integration Testing
 - iii. System Testing
 - iv. System Integration Testing
 - v. User Acceptance Testing
- ⇒ Testing Types
 - i. Functional Testing
 - ii. Non-Functional Testing
 - 1. Performance Testing
 - 2. Security Testing
 - 3. Compatibility Testing
 - 4. Usability Testing
 - 5. Localization Testing
 - iii. Testing Methods
 - 1. Smoke Testing
 - 2. Sanity Testing
 - 3. Retesting
 - 4. Regression Testing
 - 5. Adhoc Testing
 - 6. Exploratory Testing
 - 7. Positive Testing

- 8. Negative Testing
- 9. Alpha Testing
- 10. Beta Testing
- 11. Manual Testing
- 12. Automation Testing

STLC

- a. Requirement Analysis
- b. Test Plan
- c. Test Design
 - i. Test Scenario
 - ii. Test Case
 - iii. Test Review
 - iv. Testcase design techniques
- d. Test Environment Setup – Test bed
- e. Test Execution
 - i. Testcase Execution
 - ii. Defect Creation
 - iii. Defect Life Cycle
- f. Test Closure
 - i. RTM
 - ii. Test Report
 - iii. Defect Report
- g. Difference between Mistake, Error, Defect, Bug, Failure
- h. Defect
 - i. Defect Leakage
 - ii. Defect Masking
 - iii. Defect cascading

SDLC

- ⇒ Introduction to SDLC Phases
 - i. Planning
 - ii. Requirements Gathering & Analysis
 - iii. Design
 - iv. Development
 - v. Testing
 - vi. Deployment
 - vii. Maintenance
- ⇒ SDLC Approaches
 - i. Sequential approach
 - ii. Iterative approach
 - iii. Incremental approach
- ⇒ SDLC Models
 - i. Waterfall Model
 - ii. V Model
 - iii. Advantages and disadvantages of waterfall and v model
 - iv. Differences between waterfall and v model



TESTING TOOLS

⇒ Agile Methodology

- i. What is Agile
 - ii. Why Agile is popular
 - iii. What type of projects are suitable for Agile
 - iv. What type of projects are not suitable for Agile
 - v. Agile Principles
 - vi. Agile Manifesto
 - vii. Comparison between Agile, Waterfall and V model
 - viii. Benefits and Drawbacks of Agile
 - ix. Agile Frameworks
1. Scrum Framework
 - a. What is scrum
 - b. What type of projects are suitable for scrum
 - c. What type of projects are not suitable for scrum
 2. Scrum Ceremonies
 - a. Sprint Planning
 - b. Daily scrum
 - c. Sprint review
 - d. Sprint retrospective
 3. Scrum Artifacts
 - a. Product Backlog
 - b. Sprint Backlog
 - c. Burndown chart
 4. Scrum Roles
 - a. Product Owner
 - b. Scrum Master
 - c. Development team
 5. Terms Usage in Agile
 - a. Epic
 - b. User story
 - c. Story Point
 - d. Velocity
 6. Certification for Agile(IAB)

JIRA

⇒ Introduction to JIRA

- i. Account creation
- ii. What's your role
- iii. Why to use JIRA
- iv. Project types in JIRA
- v. JIRA software board

⇒ JIRA Issues

- i. EPIC
- ii. Story

- iii. Bug
- iv. Task
- v. Sub Task

⇒ JIRA Features

- i. Workflow
- ii. Filter
- iii. Timeline
- iv. Main menu
- v. Project menu

⇒ Creating issue

- i. Create new issue
- ii. Clone existing issue

⇒ Updating issue

- i. Assigning issue
- ii. Updating issue
- iii. Link issue
- iv. Move issue
- v. Delete issue

⇒ Search & Filter issues

- i. Basic search
- ii. Advanced search (JQL)
- iii. Filter to get newly created issues
- iv. Filter to get assigned issues

⇒ Collaborating on issues

- i. Comments
- ii. Share issues
- iii. Watch issues
- iv. Time tracking
- v. Vote on issue
- vi. Status update

⇒ Dashboard

- i. Create new dashboard
- ii. Add gadgets to dashboard
- iii. Organize dashboard
- iv. Share dashboard

⇒ Reports

- i. Test execution report
- ii. Traceability report

⇒ Import/Export issues

- i. Import issues to Excel/CSV
- ii. Export issues to JIRA



- ⇒ Bulk update
- ⇒ Agile process in JIRA
 - i. Project creation
 - ii. Frameworks
- ⇒ Scrum framework
 - a. Product backlog
 - b. Sprint backlog
 - c. Sprint creation
 - d. Sprint planning
 - e. Sprint closure
- ⇒ Kanban framework
- m. Confluence
 - i. Features of confluence
 - ii. Creating new document
 - iii. Sharing documents
 - iv. Comments
 - v. Updating documents

Project

- a. Ecommerceb
- b. Insurance

Database Testing

- a. Introduction to database
- b. Importance of database testing
- c. Difference between UI and Database testing
- d. Skills required to database testing
- e. SQL Concepts
- i. Types of SQL commands
 - 1. DDL: Data Definition Language – Create, Alter, Drop, Truncate
 - 2. DML: Data Manipulation Language – Insert, Update, Delete
 - 3. DML: Data Retrieval Language – Select
 - 4. DCL: Data Control Language – Grant, Revoke, Deny
 - 5. TCL: Transaction Control Language – Commit, Rollback, SavePoint
- ii. Conditions
 - 1. Where
 - 2. Having
- iii. Clauses
 - 1. Group By
 - 2. Order By

- iv. Operators
 - 1. Arithmetic Operators: +, -, *, /, %
 - 2. Logical Operators: AND, OR, NOT, ALL, ANY, BETWEEN, EXISTS, IN, LIKE
 - 3. Comparison operators: =, !=, <, >, <=, >=
 - 4. Set Operators: UNION, UNION ALL, INTERSECT, EXCEPT
- v. Functions
 - 1. Aggregate Functions
 - 2. String Functions
 - 3. Date Functions
 - 4. Window Functions
- vi. Keywords
 - 1. Top
 - 2. Distinct
- vii. Aliases
 - 1. Table alias
 - 2. Column alias
- viii. Sub Queries
- ix. Joins
 - 1. Inner Join
 - 2. Outer Join
 - a. Left Outer Join
 - b. Right Outer Join
 - c. Full Outer Join
 - 3. Cross Join
 - 4. Self Join
- x. Backup Tables
 - 1. Select Into
 - 2. Insert Into
- xi. Constraints
 - 1. Primary Key
 - 2. Unique
 - 3. Not Null
 - 4. Default
 - 5. Check
 - 6. Foreign Key
- xii. Views
 - f. How to do database testing
 - g. Project – Ecommerce

Introduction to Java

- ⇒ What is Java
- ⇒ Features in Java
- ⇒ Java History & Versions
- ⇒ What is JDK, JVM and JRE

Config Eclipse IDE & Java Setup

- ⇒ Download and Install IDE and JDK
- ⇒ Details intro about WorkSpace, Project, Packages & Classes
- ⇒ How to run program in java and what is main method and why do we need to right that

Introduction to Data Types and Variables

- ⇒ Data types in java
- ⇒ Primitive & Non Primitive Data types with Examples
- ⇒ Types of Variables with Examples

Operators

- ⇒ Arithmetic Operator
- ⇒ Relational Operator
- ⇒ Logical Operator
- ⇒ Assignment Operator
- ⇒ Increment/Decrement Operator
- ⇒ Ternary Operator

Constructors, Methods,

Static Blocks & Instance Blocks With Examples

- ⇒ What is Constructors & Types of Constructors with examples
- ⇒ What is Methods & Types of Constructors with examples
- ⇒ What is Static blocks and Instance blocks in class with examples

Flow Control Statements

- ⇒ Conditional Statements
- ⇒ if, if-else, if-else-if, and Switch with examples
- ⇒ Iteration Statements
- ⇒ For loop, nested for-loop, For-each loop, while loop and do-while loop with examples
- ⇒ Transfer Statements
- ⇒ Break, Continue and Return Type with examples

Array

- ⇒ What is Array?,
- ⇒ Ways to Initialize an Array?
- ⇒ How to Declare One Dimensional, Multiple Dimensional in Java with Examples
- ⇒ Ways to Reading values from Array

String Functions/String Manipulations

- ⇒ What Is String?
- ⇒ Why String is immutable?
- ⇒ String Functions/Methods? And with example programmes What is Mutable and Immutable in Java What String, StringBuffer, StringBuilder & String Tokenization with Examples

Java Access Modifiers

- ⇒ Public, private, protected and default with example programmes

Oops

- ⇒ What is Oops?
- ⇒ Types of Oops?
- ⇒ What is Object?
- ⇒ What is Class? With Examples

Oops

- ⇒ Types of Oops
- ⇒ Inheritance, Types of Inheritance with examples
- ⇒ Polymorphism, Types of Polymorphism with examples
- ⇒ Abstraction, Types of Abstraction with examples
- ⇒ Encapsulation, with Examples

Collections Framework

- ⇒ What is Collection?, What is Collections? And Why we need use Collections?
- ⇒ Types of Interfaces in Collections
- ⇒ Classes in collections like ArrayList, HashSet, HashMap with example programmes
- ⇒ Legacy Classes Vector & Stack
- ⇒ Cursors in Collections

Exceptions

- ⇒ What is Exception?, Types of Exceptions? Why we need Exception in java?
- ⇒ How to Handle Exceptions? What is try-catch, throws, throw with examples
- ⇒ Some programmes on Exceptions

Introduction to Selenium

- ⇒ What is Selenium
- ⇒ Features in Selenium
- ⇒ Selenium Architecture, Selenium dependencies setup
- ⇒ Selenium Components? Diff b/w Selenium 3 & Selenium 4 Version
- ⇒ Maven Project Setup for Selenium

Build Automation Tool (Maven)

- ⇒ Creating Maven Project
- ⇒ Understanding of POM.XML
- ⇒ Execute Script from Maven Tool

WebDriver Basic -1

- ⇒ Launch different browsers? Diff Navigate commands in selenium
- ⇒ Locators?
- ⇒ XPath Types? And CSS types with Difference
- ⇒ Multiple XPath syntax with examples
- ⇒ Running test in multiple browsers
- ⇒ Navigate Commands
- ⇒ WebDriver Methods
- ⇒ Synchronizations in selenium
- ⇒ How to handle dropdowns, with examples
- ⇒ Handling Keyboard & Mouse Operations using Action class

WebDriver Basic-2

- ⇒ How to handle alerts, with examples
- ⇒ How to handle frames, with examples
- ⇒ How to handle windows, with examples
- ⇒ How to handle radio buttons & checkboxes
- ⇒ Handling webTables
- ⇒ Handle Broken links in selenium
- ⇒ File Upload & Download Using Robot Class
- ⇒ Capturing Screenshots

TestNG

- ⇒ How to Install & set up TestNG plug-in in Eclipse
- ⇒ Features of TestNG
- ⇒ Maven Integration with TestNG
- ⇒ Assertions & Annotations in TestNG
- ⇒ Listeners in TestNG & Reports in TestNG
- ⇒ DataProvider & Reports in TestNG
- ⇒ Excel Reader and read data using Excel Apache POI jars
- ⇒ Parameterization, Parallel execution, re-run failed in TestNG

Cucumber Framework

- ⇒ Overview of BDD, TDD
- ⇒ Cucumber Project Setup
- ⇒ Gherkin Keywords
- ⇒ Working with Sample Scenarios
- ⇒ Cucumber Options
- ⇒ Generating Cucumber Reports
- ⇒ Working with Datasets
- ⇒ Page Object Model in Cucumber
- ⇒ Background and Hooks in Cucumber
- ⇒ TakeScreenshot on failed scenarios

GitHub

- ⇒ What is Version Control
- ⇒ Diff b/w Git and Github
- ⇒ Git Commands
- ⇒ Pushing project to Github
- ⇒ Github account creation

Continuous Integration tool

- ⇒ Config Jenkins
- ⇒ Creating Maven Job
- ⇒ Schedule Jobs

Selenium Grid

- ⇒ What is Selenium Grid
- ⇒ Diff b/w node and hub
- ⇒ Setting up Grid Nodes and Hub
- ⇒ Running Scripts on Selenium Grid

Introduction

- ⇒ What is API Testing?
- ⇒ Why API Testing?
- ⇒ Overview of Front End and BackEnd Testing
- ⇒ Types of API's: REST & SOAP
- ⇒ Difference b/w Client & Server
- Understanding API end points Diff b/w URI, URL & URN

API Testing Using POSTMAN

- ⇒ PostMan for API Testing, SetUP and Basic HTTP Requests
- ⇒ Creating Workspace, Collections and Request in PostMan
- ⇒ Creating Dummy API's and Basics of JSON & JSON Path
- ⇒ Creating and sending HTTPS requests using GET, POST, PUT PATCH and DELETE
- ⇒ Understanding request Methods and status codes
- ⇒ Collection Variables and Global Variables

Working with APIs in PostMan

- ⇒ How to Call Rest API in PostMan
- ⇒ PostMan Scripts & Variables using Java Script
- ⇒ Import/Export Collections in API Testing
- ⇒ Chaining the request in API
- ⇒ Data Driven Testing usign JSON & CSV files
- ⇒ Different types of Parameters
- ⇒ Path Parameter
- ⇒ Query Parameters
- ⇒ Header Parameter
- ⇒ Body Parameters
- ⇒ Validating responses in Postman

Installation and Basic Setup

- ⇒ Introduction to API Automation
- ⇒ Setting Up the Project Structure

Dependencies We Need

- ⇒ Overview of Required Dependencies
- ⇒ Installation and Configuration

How to Automate HTTPS Requests

- ⇒ Understanding HTTPS
- ⇒ Handling HTTP/HTTPS Requests

Creating Payload for POST/PUT Requests in Multiple Ways

- ⇒ HashMap
- ⇒ JSONObject
- ⇒ POJO (Plain Old Java Object)
- ⇒ External Json

Assertions

- ⇒ Importance of Assertions in API Testing
- ⇒ Common Assertion Techniques

How to Deal with Cookies

- ⇒ Understanding Cookies
- ⇒ Managing Cookies in API Requests

How to Deal with Headers

- ⇒ Header Types and Functions
- ⇒ Customizing Headers in Requests

Path and Query Parameters

- ⇒ Understanding Path Parameters
- ⇒ Working with Query Parameters

Validation Response

- ⇒ Validating Status Codes
- ⇒ Response Time Validation

Parsing JSON Response

- ⇒ Introduction to JSON Parsing
- ⇒ Extracting Data from JSON Responses

Validating JSON Schema

- ⇒ Overview of JSON Schema Validation
- ⇒ Implementation in API Testing

Types of Authorization

- ⇒ Basic Authorization
- ⇒ Digest Authorization
- ⇒ Preemptive Authorization
- ⇒ Bearer Token Authorization
- ⇒ OAuth 1.0 and 2.0
- ⇒ etc

Framework

- ⇒ Building an API Automation Framework
- ⇒ Best Practices and Structure

Reporting

- ⇒ Overview of API Test Reporting
- ⇒ Popular Reporting Tools and Libraries

Q&A and Project Work

- ⇒ Live Examples and Scenarios
- ⇒ Practical Project Work for Hands-on Experience

FAKER Library

- ⇒ Introduction to FAKER Library
- ⇒ Generating Random Data for Testing

API Chaining

- ⇒ Basics of API Chaining
- ⇒ Implementing API Chaining in Automation

Soft Skills

- ⇒ Ice Breaker with Introduction
- ⇒ English Skills – Introduction and Overview of Course Content
- ⇒ Grammar – Parts of Speech / Tenses
- ⇒ Vocabulary, Auxiliaries & Modal Verbs
- ⇒ English Quiz
- ⇒ Monologue
- ⇒ Dramatization
- ⇒ Speaking Skills Practice with Pronunciation, Articulation & Intonation
- ⇒ Public Speaking Skills
- ⇒ Presentation Skills
- ⇒ LSRW Skills – Receptive Skills and Productive Skills
- ⇒ Listening Stages, Active / Attentive Listening Skills & How to Improve Listening Skills
- ⇒ Reading Techniques, Passage Reading & How to Improve Reading Skills
- ⇒ Writing Stages, Paragraph Writing & How to Improve Writing Skills
- ⇒ Barriers of Communication and How to Overcome Barriers of Communication
- ⇒ Importance of Communication
- ⇒ Team Building Exercise and Practice
- ⇒ Business Communication Levels, Types and Importance
- ⇒ How to Write Official Letters and Business Memos
- ⇒ Power Dressing and Corporate Grooming
- ⇒ Communication Types, Levels and Styles
- ⇒ 7 Cs of Business Communication
- ⇒ PI – Personal Introduction, GD – Group Discussion & JAM – Just A Minute Talk
- ⇒ SWOT Analysis
- ⇒ How to Draft Emails – Professional Outlook
- ⇒ Telephone Etiquettes – Sound Professional with Phonics (Sounds of Alphabets)
- ⇒ IKIGAI Japanese Concept
- ⇒ Resume Formats – How to Write Summary and Career Objective
- ⇒ Interview Preparation – Question and Answers
- ⇒ RECAP of Soft Skills Training

Aptitude -19hrs

- ⇒ Percentage
- ⇒ Simple interest
- ⇒ Compound interest
- ⇒ Ratio and proportion
- ⇒ Partnerships
- ⇒ Profit and loss
- ⇒ L.C.M & H.C.F
- ⇒ Time and distance
- ⇒ Pipes and cisterns
- ⇒ Time and distance
- ⇒ Problems on trains
- ⇒ Boats and streams

Reasoning -11hrs

- ⇒ Coding and decoding
- ⇒ Number series
- ⇒ Blood relations
- ⇒ Directions
- ⇒ Clocks
- ⇒ Calendars
- ⇒ Syllogisms
- ⇒ Ven diagrams
- ⇒ Counting figures

MEET THE
PROUD ACHIEVER OF
QUALITY THOUGHT

QualityThought®
Transforming Dreams! Redefining Future!

★ ★ ★
SINCE 2010

Congratulations



Mani Kanta
Package | **4LPA**
Xebia



Vineetha
Package | **3LPA**
Solix



S Amulya
Package | **2.4LPA**
Volksoft



Akhil T
Package | **2.4LPA**
Volksoft



G Sritejaswi
Package | **2.4LPA**
Volksoft



K Sneha
Package | **2.4LPA**
Volksoft



G Sairam
Package | **3LPA**
Caribou Tech.



Bh Nagamani
Package | **1.2LPA**
Shivam Medisoft



Yeshwant
Package | **3.5LPA**
ASM Tech.



Mahendar Reddy
Package | **2.4LPA**
Imperium



Saka Narendra
Package | **2.5LPA**
Tektronix



B Thimmaraju
Package | **2.5LPA**
Tektronix



Jagadesh
Package | **5LPA**
Fast Company



Narsimha
Package | **3LPA**
Fast Company



D Shanmukha
Package | **2LPA**
Exceloid Soft



Achutamba
Package | **3LPA**
Quad One



Nagalakshmi
Package | **2.1LPA**
Tecfinics solutions



Harshitha B
Package | **3LPA**
Quadone



P Sai Vamsi
Package | **2.1LPA**
DQ Labs



Asutoshi Bisoi
Package | **2.4LPA**
Leadwinner

RamanaSoft Office
Ameerpet - ATC Center



Our Students Are Placed In
