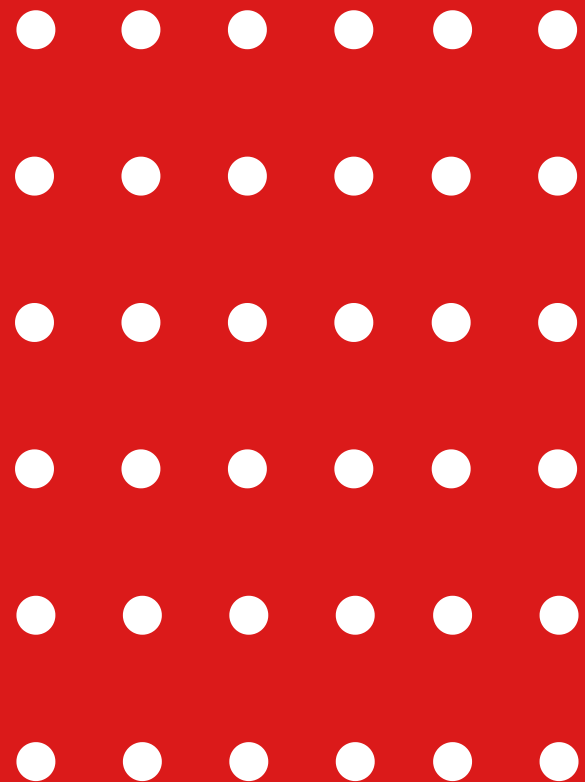




Course Brochure & Syllabus

The #1 and most trending
Software Courses in the
Industry to make you job-
ready.



About KNOWLEDGENIC

KNOWLEDGENIC was founded in 2021 and we are a software testing training organization.

It was founded by Akhil Bansal, Vishal Sethi, and Nimit Jain, who individually have over 18 years of experience in the IT industry. KNOWLEDGENIC's portfolio consists of Managed Testing Services, Software Training and Manpower consulting.

We have experience working with companies like Tech Mahindra, Expedia, Adobe, Nagarro, QA InfoTech, QualiTest, etc.

In managed testing services, we are catering QA services to our clients in 7 different time zones.

Our Software Training department specializes in imparting training in QA, Dev, DevOps, Agile & Business Analysis.



ORGANIZATION AND MANAGEMENT

Akhil Bansal

CEO & Co-founder

Vishal Sethi

MD & Co-founder

Nimit Jain

Director & Co-founder

Why KNOWLEDGENIC?

Practical Exposure

Training on LIVE client projects

Theory & Practical ways of learning

Access to practical tools

Job Support

Ready Material

Various templates provided

Daily Status Reporting Templates

Soft Skills

Professional Behavior

Professional Etiquettes

Email Writing & Chatting Skills

Interview Preparation

Conduct Mock Interviews to gain confidence

Professional CV Preparation through our in-house tools

Interview Etiquettes training

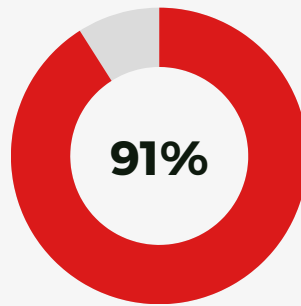
Placements so far

KNOWLEDGENIC's aim is to provide people with the right platform that helps them either start their career or move up the ladder in their current job



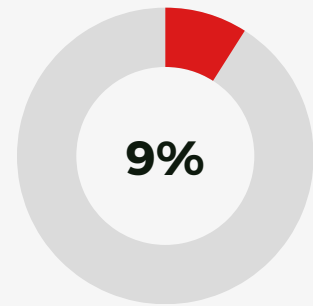
COMPLETION

100% students completed their trainings successfully and on-time



PLACEMENT

91% students have been placed in their dream jobs already



ON A PLAN

9% students not placed are because of their personal reasons

QAGENIans WORK HERE



Roadmap for Success

Our simple **4 step process** readies you for the big launch in your career. Choose from our predefined programs or speak with our training coordinator and club multiple programs into one, that will give your career the right launch pad.

Select a Course

Choose from our 11 programs to give your career the necessary boost

01**02**

Get Enrolled

Book your seat and get yourself ready to start the learning journey

03

Attend Training

Our trainers with 12+ years experience will help you immerse in the practical world of things

04

Sit for Interviews

Our training and placement coordinators will arrange interviews with our affiliate partner companies for you



11 programs to power your career

The 11 Software Programs by KNOWLEDGENIC are designed for industry readiness and offer you the flexibility to choose your desired path in your career. The programs aim to equip participants with hands-on skills in four areas of Software Testing, API Testing, Software Development, and DevOps.

Choose what best suits your career: specialize in a few or all areas with the **Certificate Programs** and become an **industry expert**.

Certificate Programs Software Testing

Software Testing ensures that quality product is delivered to the customer with security of data.



Manual Functional Testing



Automation Testing



API Testing



Database Testing

3 - 6
months
program

Certificate Programs Software Development

Software Development focuses on coding the requirements given by the client.



Core Java Development



Angular Framework



Node JS



React JS

3 - 6
months
program

Certificate Programs API Testing

API testing involves testing application programming interfaces directly and as part of integration testing



Manual API Testing



Automated API Testing

1 - 3
months
program

Certificate Programs DevOps



Advanced DevOps Program

6
months
program

8 Popular Flavours To Get You Industry Ready

Manual Functional Testing



Automation Testing



Manual API Testing



Automated API Testing



Database Testing



Agile Methodology



Core Java Development



Advanced DevOps Program



FLAVOUR #1

Manual Functional Testing



Manual API Testing

FLAVOUR #2

Manual Functional Testing



Database Testing

FLAVOUR #3

Manual Functional Testing



Automation Testing

FLAVOUR #2

Automation Testing



Automated API Testing

FLAVOUR #5

Manual Functional Testing



Manual API Testing

Database Testing

FLAVOUR #6

Manual Functional Testing



Automation Testing

Automated API Testing

FLAVOUR #7

Advanced DevOps Program



Automation Testing

FLAVOUR #8 (SDET)

Agile Methodology

Manual Functional Testing

Manual API Testing



Database Testing

Automation Testing

Core Java Development



Manual Functional Testing

- Introduction to Software Testing
- Client - Server Architectur
- Software Development Life Cycle (Methodologies and Models)
- Types of Software Testing
- Techniques of Website, Mobile and Desktop Testing
- Software Testing Life Cycle
- Requirement, Use Cases and User Stories
- Test Planning and Estimation
- Test Case Designing and Execution
- Defect Management and Bug Life Cycle
- Introduction to API Testing
- Mobile Handheld Device Testing
- Content Testing
- Accessibility Testing
- Localization Testing
- Agile methodology
- Test Metrics and Measurements



Automation Testing (Selenium + Java)

- Introduction to Test Automation
- Introduction to Selenium
- Deep Dive in Selenium IDE
- Introduction to Java
- Test Utilities - Maven and Jenkins
- Introduction to Java - part 2
- Java Building Blocks
- Basics of collection
- Unit Testing
- Introduction to Maven
- Introduction to TDD (Test Driven Development)
- Introduction to TestNG
- Debugging a Java Code
- Introduction to Selenium Page object Model
- Introduction to framework
- Introduction to Version Control System
- CI / CD concepts
- Distributed and parallel execution of tests
- Introduction to BDD / Cucumber



Automation Testing (Selenium + Python)

- Scripting with Python
 - Development environment setup
 - Baby-step script in python
 - Object Oriented Programming
- "Hello World" Tests in Python
 - Test Case convention in python
 - Assertions
 - Python test scaffolds
 - Creating Tests for a Code Game
- Selenium and Web Automation in Python
 - Selenium basics
 - First Selenium Tests in python
 - Selenium basics
 - Raw Script for web scraping automation
- Selenium Advanced: UIModeling Patterns
 - POM Basics
 - DSL design pattern
- Testing HTTP APIs in Python
 - HTTP and Rest Clients
 - API Testing for a Web Game
- Mobile Test Automation with Python
 - Appium Introduction
 - Setting up Android Application Test Environment
 - First Mobile App Test
- Tips, Tricks, and Hacks for tough situations
 - Problem examples with solutions
- Popular Python Test Automation Patterns
 - Robot Framework
 - Behave



Manual API Testing

- Client-Server Architecture
- Presentation, Business, and Database layers
- What is an API?, What is API Testing?
- Difference between API testing and Unit testing
- Web services, HTTP Structure, XML and JSON, URI and URL
- Tools for API Testing, Approach of API Testing, Challenges of API Testing
- What to test for in API testing
- HTTP methods, Status codes, Example APIs
- Introduction to POSTMAN tool and installation
- Creating requests in Postman
- Creating collections in Postman
- Understanding variables and environments in Postman
- Authorization in POSTMAN
- Assertions/Test scripts in POSTMAN
- Command line integration with Newman
- Introduction to REST Web services
- Difference between SOAP and REST Web services



Automated API Testing

- POST, PUT and PATCH Request using Rest Assured
- Authentication and Authorization in REST Web Services
- Sample automation framework design using REST ASSURED
- What is REST?
- Rest Architectural Elements
- REST ASSURED - Basics
- Configure Eclipse with Rest-Assured
- REST API Test using Rest Assured
- Validate Response Status using Rest Assured
- Validate Response Header using Rest Assured
- Read JSON Response Body using Rest Assured
- Introduction to SOAP WEB SERVICES
- SOAP UI /READY API BASICS and installation
- Create a Project, Test Suite, and Test Case
- Assertions



Accessibility Testing

- Introduction to Accessibility Testing
 - Need of A11Y testing
 - Difference between Usability and Web A11Y
 - Types of Accessibility Testing
 - Web A11Y & Document A11Y
- A11Y guidelines & Standards
 - Section 508
 - WCAG 2.1
 - ADA
 - GIGW
- Techniques of Web A11Y
 - Tools & Techniques of Web A11Y
- Assistive technologies & tools
 - VoiceOver
 - JAWS
 - NVDA
 - Win Magnifier
 - Win Narrator
 - CCA
 - aXe tool
 - Wave Accessibility Toolbar
- A11Y testing process and reports
 - VPAT report
 - Statistics report
 - A11Y test report (ATR)
- Web A11Y test checklist
 - Techniques of Document A11Y testing
- Test areas of document A11Y testing
 - Tagging
 - Regularity test
 - Tab order
 - Alt text, etc.
- Remediation techniques and methods
 - Remediation techniques and methods
 - Conclusion



Database Testing

- Introduction to Databases
- What Is Database?
- What is Database Management System (DBMS)?
- What is Relational Model ?
- Introduction to RDBMS
- Datatypes and Constraints
- Statements in SQL
- Software installation
- Data Query Language (DQL)
- Operators
- Functions in SQL
- Sub Query
- Pseudo Columns
- JOINS
- Co- Related Sub Query
- Data Definition Language (DDL)
- Data Manipulation Language (DML)
- Transaction Control Language (TCL)
- Data Control Language (DCL)
- Normalization
- E-R Diagrams

Fun Life @ KNOWLEDGENIC



Student Testimonials

**Arushi Gupta**

1 review



★★★★★ 8 months ago

Right choice for the career starts here .This course has been designed in such a way that everyone from any discipline can understand about the roles and activities a test engineer performs. The opportunity that one gets to work on live projects makes QAGENIC training different from others. You get to learn more when you do it practically rather from theory. This course filled me with the confidence that I can contribute and add value to the project and Organization I resume my career with.



4

**ROHIT KUMAR**

2 reviews

★★★★★ 2 weeks ago **NEW**

Qagenic Technologies is one of the best Institute I came across. The mentors, Akhil, Vishal & Rajan Sir all are the best in the industry in regards to knowledge and trainings. This course has been designed in such a way that everyone from any discipline can understand about the roles and activities a test engineer performs. All minor things were cover in details .So it was an excellent experience taking mentorship from Qagenic Technologies. You have an opportunity to work on live projects while training; giving an edge over other training companies.Further Kanika Mam (Hr) Supported us throughout the session . She is the main motivator for each one of us. Hope the placement comes my way to make things look even brighter.



1

**Ankush Vij**

2 reviews



★★★★★ a month ago

The mentors, Akhil and Vishal are the best in the industry in regards to knowledge and trainings. Infact it was my career's best decision to work and get guidance from them.... Signing off from Sydney....



Like

Student Testimonials

**surinder singh**

1 review



★★★★★ 8 months ago

I think this training was right choice for me. Every learner can learn more about definitions from any book, but hardly involve in practice that is what makes us perfect. In my case, I have been reading many books, taking Youtube online training, since from last three months, but when QAGENIC gave us assignments to write Test cases and Test case Scenario last week, I feel like that is what matter to become tester (think hard, be creative) instead of just reading book. Thank you QAGENIC for fantastic training and job as well.

**Amarbeer Singh**

4 reviews



★★★★★ 8 months ago

I like this course because it is providing us a lot of information on how testing goes in real time. I really appreciate the live project which helped me to gain confidence about the live work. I am thankful for giving the immediate feedback to our assignment work. My Special thanks for providing quick response to our questions and the way how you explain. The WhatsApp channel is something unique and most important USP of this training. You post your doubt and you get a answer on the fly. I even once tested it at 12.30AM in the night but QAGENIC did not fail.

A must recommend from me to freshers who are looking for a course than can really help them getting job.

**Drmamta mittal**

1 review



★★★★★ a month ago

QAGENIC is proving Wings to Young Minds..So that they can fly and flourish in IT era with Full Confidence.. 🙌🙌



Student Testimonials

**Robyia Kalsi**

1 review

★★★★★ 8 months ago

I was of the opinion that one should never go for paid training but my perception was changed when I attended the demo class provided by Akhil Bansal and Vishal Sethi. The course is so well planned that whole software engineering and testing has been summed in just one month. It will be unfair on my part to call this training only a software testing training. It is actually a training for a comprehensive growth of an engineer as you not only learn software testing but you do learn professionalism, program/project/product management concepts, corporate etiquettes, and what not. Thank you QAGENIC. My shout out for the IT engineers out there:
"If you are not training at QAGENIC, you are definitely missing something."

**Aditi Tanwar**

1 review

★★★★★ 6 months ago

I have recently joined QAGENIC training course and believe me the way they have conducted the training shows how professional they are in their approach with very industry driven hands-on sessions. Hope the placement comes my way to make things look even brighter.

**Akash Vashistha**

2 reviews

★★★★★ a month ago

QAGENIC is a very good training institute, the atmosphere here is friendly, I also did training from here and now I am working in QAGENIC.

**sunakshi yadav**

5 reviews

★★★★★ a month ago

QAGENIC is best choice for learning testing as the professionals will guide you with the practical implementation of testing and how to excel your testing skills. Experienced seniors to support you through your career. QAGENIC has projects from all over the world. Highly recommended.



Client Testimonials



Client Testimonials

“ I have been associated with QAGENIC for over 6 months now. The software testing training programs conducted by QAGENIC were extremely good and fully meet our expectations. Excellent testing skill are seen in their candidates from the week one as compared to other candidates coming in from other sources. While working with them we managed to save approx. 20 lacs on our HR and training team.

QAGENIC is a highly professional company, which has its finger on the pulse.

Karandeep Singh
Director, Quality Engineering - QUALITEST



Client Testimonials

“ QAGENIC distinguishes itself from those in comparable positions by demonstrating genuine passion, concern, and professionalism.

Many of the individuals we've recruited through QAGENIC have moved into permanent roles at the conclusion of their contracts, which is a testament to their caliber and suitability.

Kudos to Team QAGENIC!

Harish Garg
Co-Founder and CEO - LDT Technology

Client Testimonials



Client Testimonials



Nitesh Garg
Managing Director- Appzlogic

“

People that are passionate about what they do and who are committed to their work set QAGENIC apart from others in their position.

To me, having a contact that interacts frequently, understands the job requirements, and has an understanding of the corporate culture is essential when I'm looking for new employees.

Their HR & placement department rocks! Cheers!

**For
inquiries,
contact
us.**



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