KNOWLEDGENIC

PERMUTING TALENT INTO PROFESSIONALS

ISTQB

CERTIFIED TESTER FOUNDATION LEVEL COURSE WITH AI

COURSE
DETAILS

+91-987-791-7759

info@knowledgenic.com

www.knowledgenic.com

KNOWLEDGENIC

ABOUT US

KNOWLEDGENIC was founded in 2022 and is a software testing training department of the QAGENIC organization. It was founded by Akhil Bansal, Vishal Sethi, and Nimit Jain, who individually have over 20 years of experience in the IT industry.

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

At KNOWLEDGENIC, we are dedicated to shaping the next generation of software testing professionals. As an ISTQB (International Software Testing Qualifications Board) certified training company, we stand at the forefront of delivering comprehensive and industry-recognized software testing courses.

ORGANIZATION AND MANAGEMENT

Akhil Bansal
CEO & Co-founder

Vishal Sethi
MD & Co-founder

Nimit Jain
Director & Co-founder

ISTQB®

ISTQB
CERTIFIED TESTER FOUNDATION LEVEL COURSE WITH AI

This course focuses on software testing fundamentals, including manual testing techniques. Integrating AI into the course might involve discussing how AI impacts testing processes, tools, and strategies. A prerequisite for the CTFL course is typically a basic understanding of software development and testing concepts. The foundation-level course often serves as an introduction to more advanced testing topics.

Vision

Our vision is to become the global leader in ISTQB certified software testing training, fostering a community of skilled professionals who drive innovation and quality in the software industry. We envision a world where every software product is thoroughly tested, ensuring reliability, security, and user satisfaction.

Mission

Our mission is to empower aspiring software testers and professionals with practical insights, industry best practices, and the latest advancements in testing methodologies. Through our meticulously designed courses, experienced trainers, and hands-on learning, we aim to cultivate a culture of excellence in software testing.

Fundamentals of Testing

- What is Testing?
  - Test Objectives
  - Testing and Debugging
- Why is Testing Necessary?
  - Testing's Contributions to Success
  - Testing And Quality Assurance (QA)
  - Errors, Defects, Failures, And Root Causes
- Testing Principles
- Test Activities, Testware And Test Roles
  - Test Activities And Tasks
  - Test Process In Context
  - Testware
  - Traceability Between The Test Basis And Testware
  - Roles In Testing
- Essential Skills And Good Practices In Testing
  - Generic Skills Required For Testing
  - Whole Team Approach
  - Independence Of Testing
- Introduction To AI In Testing
  - Role Of AI In Testing
  - AI-Based Testing Tools And Techniques

Testing Throughout the Software Development Lifecycle

- Testing In The Context Of A Software Development Lifecycle
  - Impact Of The Software Development Lifecycle On Testing
  - Software Development Lifecycle And Good Testing Practices
  - Testing As A Driver For Software Development
  - DevOps And Testing
  - Shift-Left Approach
  - Retrospectives And Process Improvement

- AI In Test Automation
  - Test Levels
  - Test Types
  - Confirmation Testing And Regression Testing
- Maintenance Testing
- AI In Test Automation
  - AI-Driven Test Case Generation
  - AI-Based Test Execution And Analysis
  - AI-Powered Test Orchestration And Continuous Testing
  - AI-Enabled Test Environment Management

Static Testing

- Static Testing Basics
  - Work Products Examinable By Static Testing
  - Value Of Static Testing
  - Differences Between Static Testing And Dynamic Testing
- Feedback And Review Process
  - Benefits Of Early And Frequent Stakeholder Feedback
  - Review Process Activities
  - Roles And Responsibilities In Reviews
  - Review Types
  - Success Factors For Reviews
- AI In Static Testing
  - AI-Based Code Analysis And Review
  - Automated Code Review Tools And Techniques
  - AI-Powered Static Testing For Security And Vulnerability Assessment

Test Analysis and Design

- Test Techniques Overview
- Black-Box Test Techniques
  - Equivalence Partitioning
  - Boundary Value Analysis
  - Decision Table Testing
  - State Transition Testing
- White-Box Test Techniques
  - Statement Testing And Statement Coverage

- - Branch Testing And Branch Coverage
  - The Value Of White-Box Testing
- Experience-Based Test Techniques
  - Error Guessing
  - Exploratory Testing
  - Checklist-Based Testing
- Collaboration-Based Test Approaches
  - Collaborative User Story Writing
  - Acceptance Criteria
  - Acceptance Test-Driven Development (Atdd)
- AI In Test Analysis And Design
  - AI-Based Test Prioritization And Selection
  - AI-Driven Test Data Generation
  - Machine Learning For Test Case Optimization

Managing the Test Activities

- Test Planning
  - Purpose And Content Of A Test Plan
  - Tester's Contribution To Iteration And Release Planning
  - Entry Criteria And Exit Criteria
  - Estimation Techniques
  - Test Case Prioritization
  - Test Pyramid
  - Testing Quadrants
- Risk Management
  - Risk Definition And Risk Attributes
  - Project Risks And Product Risks
  - Product Risk Analysis
  - Product Risk Control
- Test Monitoring, Test Control And Test Completion
  - Metrics Used In Testing
  - Purpose, Content And Audience For Test
  - Communicating The Status Of Testing
- Defect Management
  - AI In Test Management
  - AI-Driven Test Planning And Scheduling
  - AI-Based Risk Analysis And Mitigation
  - Intelligent Test Monitoring And Control
  - Automated Defect Detection And Triage

Test Tools

- Tool Support For Testing
- Benefits And Risks Of Test Automation
- AI In Test Tools
  - AI-Powered Test Automation Frameworks
  - AI-Based Test Data Generation Tools
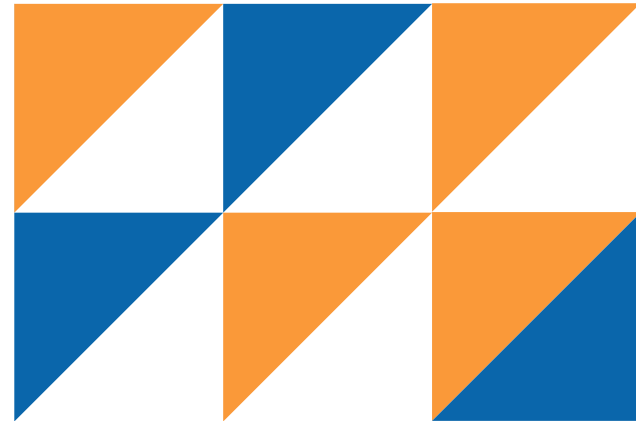 - Machine Learning In Test Reporting And Analytics

THE #1
AND MOST TRENDING
SOFTWARE COURSES IN
THE INDUSTRY TO MAKE
YOU JOB READY

KNOWLEDGENIC

WHY US?

Practical Exposure

- Training on LIVE client projects
- Theory & Practical ways of learning
- Access to practical tools

Soft Skills

- Professional Behavior
- Professional Etiquettes
- Email Writing & Chatting Skills

Mock Exam

- Conduct Mock Exam to gain confidence
- Professional CV Preparation through our inhouse tools

KNOWLEDGENIC

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.

03 Attending Training

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

01 Select a Course

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

02 Get Enroll

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

04 Mock Exam

upon course completion, a mock exam is provided to enhance your skills

01
02
03
04

KNOWLEDGENIC

OUR STUDENT WORK AT

MOZARK

TURNS

RTC

Virgin mobile

Hollard.

PARAGON EUROPE

QUALITEST

LDT Technology

Affidabile SOLUTIONS

SDET Quality Enthusiast

QA InfoTech Your Software Testing Partner

QAGENIC YOUR BUSINESS OUR PASSION

AMANTYA

IntelliTech Consulting

Johnson&Johnson

appzlogic

basware Simplify Operations, Spend Smarter.

BABEL

Pivotal Accessibility

& many more...

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."

👍 3

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.
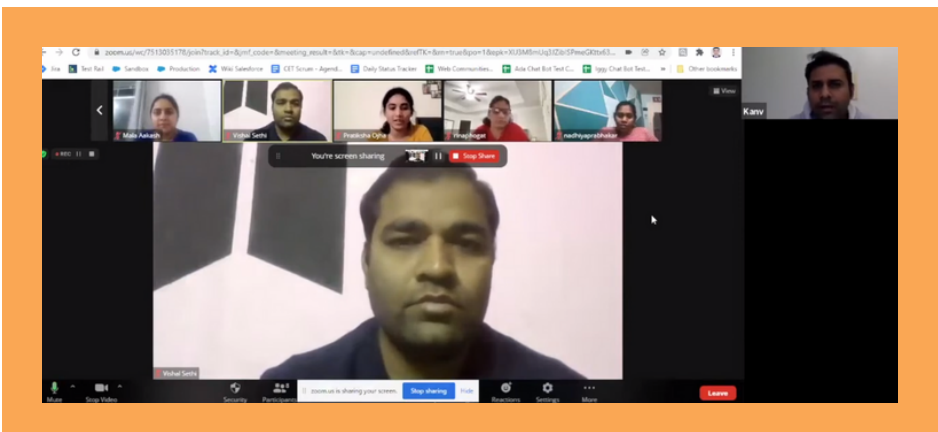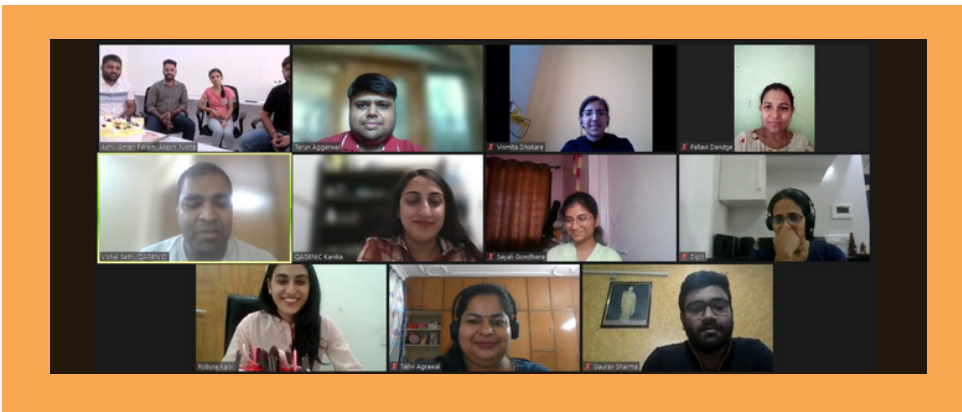
👍 Like

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.. 👏👏

👍 Like

MEMORIES

OUR SOCIAL MEDIA HANDELS

https://www.youtube.com/channel/UCTd8shdkq2Vv-6fEdFpaDvw

https://www.linkedin.com/company/knowledgenic/

https://www.facebook.com/WeAreKnowledgenic?mibextid=LQQJ4d

https://instagram.com/weareknowledgenic?igshid=OGQ5ZDc2ODk2ZA==

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LET'S CONNECT WITH US!

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