ZEE-TECH
ACADEMY

SOFTWARE TESTING

BENEFITS:

- SKILL ENHANCEMENT
- CAREER OPPORTUNITIES
- USER EXPERIENCE IMPROVEMENT
- JOB MARKET DEMAND
- COLLABORATION SKILLS DEVELOPMENT
- VERSATILITY IN DEVELOPMENT ROLES
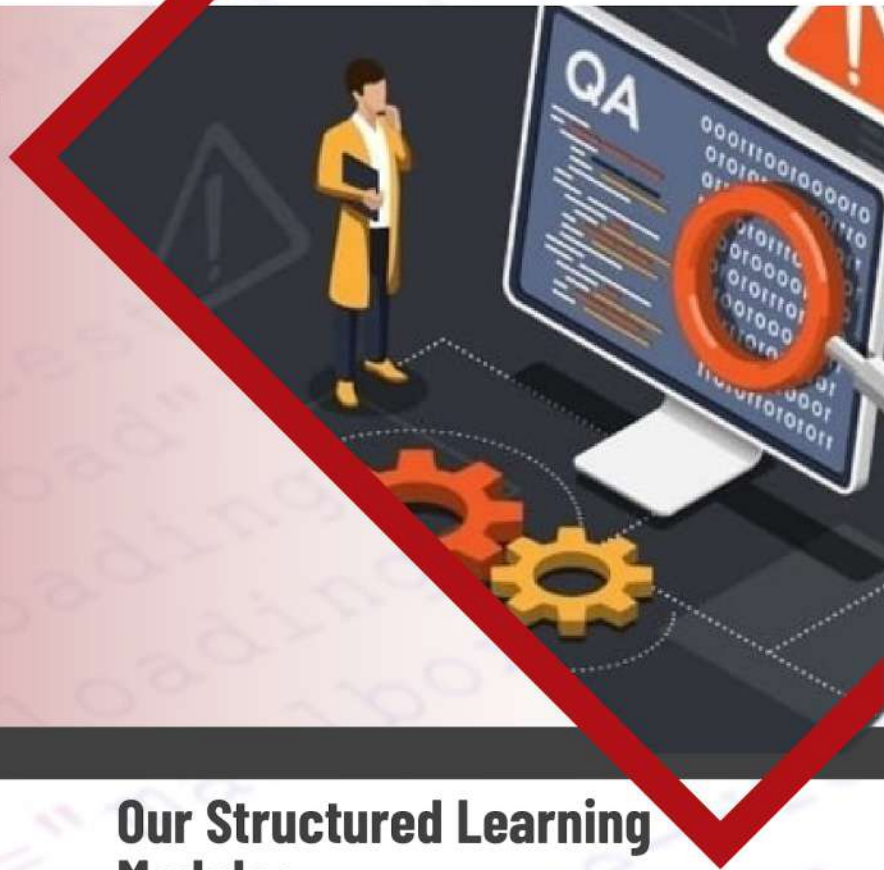- PRACTICAL, HANDS-ON LEARNING EXPERIENCE

TALK TO US

+91 99876 51839

Shop no 3, Bypass Road Opp Kalsekar College
Near Ewar Complex Landmark [The Universe]

ZEE-TECH ACADEMY

MASTER THE ART OF SOFTWARE TESTING

Your Path to Quality Assurance Excellence

Duration:

3 Months, 100 Hours Of Training,

Per Lecture 2 Hours Session

Let`s See What We Do?

At Zeetech Academy, we specialize in delivering top-notch training in software testing. Our comprehensive course equips students with the essential skills and knowledge needed to thrive in the dynamic field of quality assurance. Led by seasoned industry professionals, our classes offer hands-on learning experiences, personalized instruction, and invaluable insights into testing methodologies and tools. With our industry-recognized certification, graduates are prepared to excel in diverse software testing roles and make meaningful contributions to the tech industry. Join us at Zeetech Academy and embark on a journey towards a rewarding career in software testing.

Who Should Attend

This course is suitable for:

- Aspiring Software Testers
- Software Engineers
- Career Changers
- Anyone interested in acquiring Software Testing And Quality Assurance skills.
- I.T Enthusiasts

Our Structured Learning Modules.

INTRODUCTION TO SOFTWARE TESTING

Introduction to Software Testing provides a foundational understanding of testing principles, methodologies, and its role in ensuring software quality.

DEVELOPMENT OF SOFTWARE APPLICATION

Software applications undergo continuous development to meet evolving user needs and technological advancements.

TESTING METHODOLOGIES

Software testing methodologies encompass a range of systematic approaches used to ensure the quality and reliability of software products.

TEST EXECUTION

Software test execution involves running test cases against the software under test to verify its behavior and functionality.

DEFECT MANAGEMENT

Defect management ensures the systematic identification, tracking, and resolution of software defects to enhance product quality and reliability.

SQL

SQL (Structured Query Language) is a powerful programming language used for managing, querying, and manipulating relational databases.

GET IN TOUCH

{T} MANUAL SOFTWARE TESTING

1. INTRODUCTION OF SOFTWARE TESTING

What is software testing?, Why is testing necessary?, Testing Principles, Best Practices in Testing, Skills for Testing, Various Task Involved In Testing, Difference between Verification & Validation, Difference between QA &QC.

2. DEVELOPMENT OF SOFTWARE APPLICATION

Introduction of Software Process, Phases in SDLC, Waterfall Model, Phases of Waterfall Model, Advantages & Disadvantages, Spiral Model, Phases of Spiral Model, Spiral Model Strengths & Weaknesses, When should you use Spiral Model, Prototype Model, Phases Advantages & Disadvantages, Agile Model, Scrum methodology, Sprints in Scrum, Scrum Roles, Scrum Artifacts & Ceremonies, V-shaped Model, Steps in the V-shaped Model, V-shaped Strengths & Weaknesses, Challenges Regarding To Each Development Phases.

3. LEVELS OF SOFTWARE TESTING

Unit Testing, Integration Testing, Various Approaches Of Integration Testing, System Testing, Acceptance Testing.

4. TESTING METHODOLOGIES

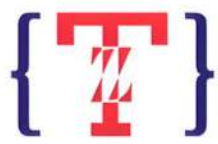Black Box Testing, Advantages & Disadvantages, White Box Testing, Statement Coverage, Decision Coverage.

5. TYPES OF FUNCTONAL TESTS

Other Types Of Testing

MANUAL SOFTWARE TESTING

6. TYPES OF NON FUNCTIONAL TESTS

Security Testing, Recovery Testing. Configuration testing, Compatibility Testing, Installation Testing, Performance Testing, Parallel Testing, Volume Testing, Internationalization Testing, Localization Testing.

7. PROCESS OF TESTING

Test Planning, Test Analysis, Test Design, Construction and verifcation, Testing Cycles, Final Testing and Implementation, Post Implementation

8. TEST DESIGN FOR FUNCTIONAL TESTING

Introduction To Test Design, Inputs For Test Design, Activity Test scenarios, Test Cases, Test Case Management, Best Practices Of Test Cases, Test Data, Black Box Test Technique, Requirement Traceability Matrix(RTM).

9. TEST EXECUTION

Test Execution Cycle, Entry Criteria For Test Execution, Smoke /Sanity Testing, Test Execution, Retesting And Regression Testing, Ending The Test Execution Activity, Test Closure Activities.

10. DEFECT MANAGEMENT

Defect /Bug, Causes For Defect, Defect Reporting, Defect Attributes, Severity And Priority, Defect Life Cycle, Advantages Of Defect Tracking

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11. QUALITY AND PROCESS IMPROVEMENT

Defne What Is Quality, Application Of Concept Of Quality To Software Application, Quality Assurance, Quality Control, Testers Contribution To Quality Of Software Application Software, Testing Metrics

12. GETTING EQUIPPED TO START

Challenges In Testing, Best Practices In Test, Skills Required For A Tester, Career Path Of A Tester, How To Keep Updated, Case Study, Interview Preperations.

SQL

1. MY SQL

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AUTOMATION SOFTWARE TESTING

1. JAVA PROGRAMMING FOR SELENIUM

Java Programming Environment, Java Language Elements/Fundamentals, Java Specialized Concepts, Object-Oriented Programming,

2. SELENIUM WEBDRIVER

Web Elements/HTML Elements, Inspecting Web Elements (Using a Browser), Element Locators – To locate/recognize/identify elements in web pages (Using HTML Locators), Performing actions on elements (Using WebDriver Commands/Methods), Page Object Model (Creating Object, repositories), Waits, Writing Test Cases,

3. TESTING FRAMEWORK FOR SELENIUM

Create Test batches, Prioritize Test cases, Execute Test Batches, Inserting Verification Points & Generate test, Reports,

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" Imagination is more important than knowledge. Knowledge is limited, whereas imagination embraces the entire world, stimulating progress, and giving birth to evolution. "