QUALITY ANALYST
COURSE CURRICULUM

ENROLL NOW

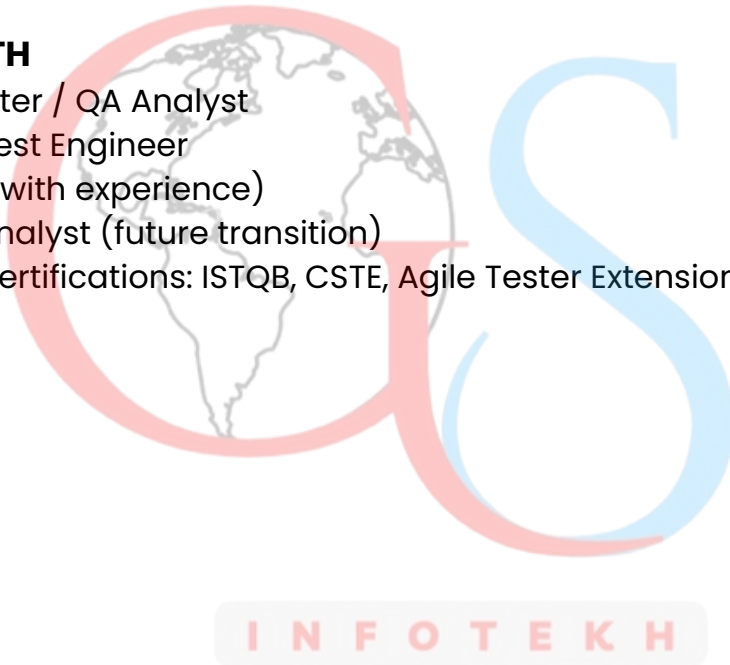CALL US
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QUALITY ANALYST (MANUAL TESTING) – COURSE CURRICULUM

ROAD MAP
• Learn end-to-end manual testing concepts with real-time test case writing and defect tracking
• Ideal for QA Beginners, Freshers, Software Testers, and those transitioning into QA roles
• Work on SDLC/STLC models, test plans, defect lifecycle, and various testing techniques

CAREER PATH
• Manual Tester / QA Analyst
• Software Test Engineer
• Test Lead (with experience)
• Business Analyst (future transition)
• Relevant Certifications: ISTQB, CSTE, Agile Tester Extension

Module 1: Introduction to Software Testing
• What is Software Testing?
• Project vs Product
• Error, Defect, Bug, Failure, Issue
• Cost of Fixing Defects
• Common Defects in Software
• Verification vs Validation
• Objectives of Testing
• Role of a Tester

Module 2: Software Development Life Cycle (SDLC)
• Introduction to SDLC
• Waterfall Model
• V-Model
• Prototype Model
• Spiral Model
• Agile Scrum Model
• Kanban Model

Module 3: Testing Methodologies
• Static Testing
• White Box Testing
• Black Box Testing
• Grey Box Testing

Module 4: Review Process
• Types of Reviews
• Inspections & Audits
• Walkthroughs

Module 5: Levels of Testing
• Unit Testing
• Integration Testing
• Types of Integration Testing
• System Testing
• User Acceptance Testing (UAT)
• Alpha & Beta Testing

Module 8: Black Box Test Design Techniques

• ECP – Equivalence Class Partitioning
• BVA – Boundary Value Analysis
• Decision Table Testing
• State Transition Testing
• Use Case Testing

Module 9: Test Environments and Release

• Types of Environments
• Build Deployment
• Release Process and Release Notes

Module 10: Test Types & Techniques

• Smoke & Sanity Testing
• Risk-Based Testing
• Ad-hoc Testing
• Re-testing vs Regression Testing
• End-to-End Testing
• Exploratory Testing
• Monkey Testing

Module 11: Specialized Testing Types

• UI Testing
• Usability Testing
• Security Testing
• Performance, Load & Stress Testing
• Compatibility Testing
• Installation Testing
• Globalization & Localization Testing
• Recovery Testing
• Concurrent & Benchmark Testing
• Database Testing

Module 12: Defect Management

• What is a Defect?
• Defect Lifecycle & Classification
• Defect Report Template
• Defect Severity & Priority

Module 13: Quality Standards & Certifications
 • ISO & CMM Standards
 • Software Testing Certifications Overview (ISTQB, etc.)

Module 14: Basics of SQL for Testers
 • Introduction to SQL
 • Writing Queries to Validate Backend
 • Data Verification through Queries

Thank you

Thank You for Going Through Quality Analyst Curriculum
We hope this guide has provided a clear and structured learning path
to strengthen your skills in Quality Analyst.

📌 **NEXT STEPS**
• Start practicing with real-world use cases and hands-on exercises
• Build personal or client-based projects for your portfolio
• Keep exploring updates and best practices in the industry
• Join discussions and stay connected with the community

📞 **Need Help or Guidance?**
Feel free to contact our course support team:
Course Coordinator
GS Infotekh
📧 **contact@gsinfotekh.com**
🌐 **www.gsinfotekh.com**
📞 **+91 630 171 9270**