Company Logo

Information and Technology Institute

https://itechinstitute.org/

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Software Quality Assurance (SQA) & Testing

About This Training

A **3-month SQA & Testing course** is a structured, career-oriented program designed to train students in **manual testing, automation basics, and quality processes** used in real software companies. It emphasizes **hands-on testing, real project workflows, and industry tools**.

□□ Course Overview

- **Duration:** 3 Months (≈ 12 Weeks)
- **Level:** Beginner → Intermediate
- **Class Schedule:** 3–5 days/week
- **Total Classes:** 30–45 Sessions
- **Mode:** Online / Offline

□□ Tools & Technologies Covered

- Manual Testing Techniques
- Bug Tracking Tools (Jira / Trello)
- Test Case Management
- Basic Automation (Selenium)
- API Testing (Postman)

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- SQL (Basic Database Testing)

Curriculum

#	Topic	Description
1	**Month 1: Fundamentals of Software Testing**	□□ Topics: Introduction to SQA & Testing SDLC (Software Development Life Cycle) STLC (Software Testing Life Cycle) Types of Testing: Manual vs Automation Black Box & White Box Functional & Non-functional Test Case Writing Test Plan & Documentation □□ Practical Work: Writing test cases for a website Identifying bugs manually □□ Focus: Strong foundation in QA concepts
2	**Month 2: Manual Testing + Tools**	⚙ Topics: Functional Testing (UI Testing) Regression Testing Smoke & Sanity Testing Bug Life Cycle Bug Reporting (Severity vs Priority) Agile & Scrum Methodology □□ Tools: Jira (Bug Tracking) Postman (API Testing) Excel / Test Case Sheets □□ Practical Work: Real project testing Bug report submission API testing practice □□ Focus: Industry tools & real workflow
3	**Month 3: Automation Testing + Career Prep**	□□ Topics: Introduction to Automation Testing Selenium WebDriver Basics Test Script Writing (Basic) Test Execution & Reporting Introduction to Test Frameworks □□ Database Testing: Basic SQL Queries Data Validation □□ Final Project: Complete testing of a web application Test documentation + bug reporting Basic automation demo

Fees

Regular: Tk. 18,000.00

Current: **Tk. 15,000.00**

Company Information

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Generated on: 01 Nov 2026, 13:33 PM

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