

# € TRAINING

Practical Step-by-Step Methodology for  
Effective Software Testing





# Practical Step-by-Step Methodology for Effective Software Testing

## Introduction:

This program brings to you the Best Practices collected through Experience, Research, and Industry Standards. This unique program provides the participant with a multi-discipline understanding of Software QA & Testing Function.

You will learn about the related:

- Problems
- Methodology
- Business Processes
- Best Practices
- Planning
- Benchmarking
- Improvement
- IT Tools
- Management Concerns

## Course Objectives:

At the end of this course the participants will be able to:

- Gain Technical and Process Knowledge
- Align to the Needs and Expectations of Stakeholders/ Customers internal & external
- Align to Organizational Strategic Objectives.
- Learn Good Management Practices, and, Meeting Requirements and Recommendations of the Relevant Industry Standards.
- Make Dramatic Process Improvements, including as relevant Productivity Improvements, Product and Service Differentiation and Generally Exceeding Stakeholder/ Customer Expectations.

## Targeted Audience:

- Software Testers
- Developer
- Quality Assurance Professionals
- Project Managers

## Course Outlines:

### Unit 1:

- The software development business environment. Concerns of
  - Software Developers
  - Software Test & QA Professionals
- Management
- Understanding the Problem
- Software Development Life Cycle and QA & Testing Requirements

## Unit 2:

- Software Testing Methodologies
- Understanding the Industry Standards
- Methodology, QA & Best Practices for
- Client-Developer Coordination

## Unit 3:

- Developer-Tester Coordination
- Test Team Effective Internal Coordination
- Strategies for Design-Testing Integration
- Standardization, Control, and Documentation Strategy

## Unit 4:

- Testing Tools
- Third-Party
- Developing Own
- Test Planning
- Test Analysis
- Test Design

## Unit 5:

- Test Implementation
- Test Execution
- Test Reporting
- Corrective and Preventive Action