

## EFFECTIVE TEST PLANNING AND STRATEGY DEVELOPMENT One-day workshop

### Overview

Enhanced quality and user satisfaction is top priority of all software producers. This requires identifying and rectifying product defects before releasing them to market.

An in-depth and analytical look into quality processes helps you understand the aspects to consider in test planning including time, resources, people aspects, process and metrics for effective management.

### Workshop Objective

This workshop will help you develop a strategy to V&V your product/project by helping you focus on the types of faults/failures that may occur in the system, the stages where they may be detected and efficient removal methods.

### Topics of discussion

Components of test planning  
Test effort/time estimation  
Risk planning for testing  
System fault model  
Components of a test strategy  
Types of faults and potential stages of detection  
How to develop an effective test strategy  
Planning for unit tests:  
    How much and what to focus  
Planning for non-functional tests  
    Issues, Process, Infrastructure, and Tools  
Practical test metrics for monitoring progress of test

Test metrics for continuous quality assessment  
Test adequacy, suspension, stop criteria  
People issues  
Test process model for effective testing  
Defect management  
    What/how to capture and how to effectively use the captured information

### Workshop benefits

At the end of the workshop, the participants will be able to:

- Plan and manage your tests effectively
- Estimate time/effort
- Analyze risk
- Metrics to capture and
- Reports for effective test management

### Who should attend?

- Test lead/manager
- Project lead/manager

### Prerequisites

Participants are expected to have practicing knowledge of project management and testing concepts.

### Delivery method

The workshop consists of classroom discussions and a problem solving/case-study session. It adopts our unique learning model. This enables participants listen to lecture on a topic, introspect using a structured questionnaire, explore the topic - hands-on session, discuss the learning after exploration and finally read the supplemental course notes.