Agile Modelling – an approach from implementer's viewpoint

(One day Workshop)

About the Course

Understanding the vast areas of Agile methodologies, is not only an arduous task, but confuses even the experienced professionals with an array of misleading ideas.

Yet, its importance can not be undermined in today's market situation – with demanding customers, incomplete requirements, early delivery, frequent changes, higher flexibility and ever-increasing expectations on quality (that too at a lower cost).

This one day offering provides a transparent, unambiguous and appropriate agile-framework, which helps the participants to

- Have clear understanding of Agile principles
- Get conversant with various Agile techniques
- Develop capability for "evolving organization-specific Agile model"
- Sharpen "Agile competency" in critical functions (like Testing and Project Management)
- Have exposure on industry views and best practices (including interface with quality models like SEI CMMI)

The candid explanation, with real life situations, reinforces "confidence of participants" over the subject matter.

Workshop format

The workshop would be faculty led lectures with active participation from the participants, while trying to tie the framework components to real-life problems faced during day-today project execution.

There would be exercises at appropriate time for effective understanding of the subject and finally for correlating such learning to the real world.

Workshop Contents

The one day workshop would cover the topics as noted below. There would be exercises at appropriate junction points to elaborate and understand the course concepts.

Introduction to "Agile Methodology"
   ❖ Background and overview
   ❖ Manifesto and Principles

Popular "Agile Methods" with varying agility

- ❖ Feature Driven Development
- ❖ Dynamic System Development Methodology (DSDM)
- ❖ Scrum
- ❖ eXtreme Programming (XP)
- ❖ Others – Xbreed, Crystal methods, …

Agile Modelling

"Agile Competency" in System Development
- ❖ Testing
- ❖ Project Management
- ❖ Metrics
  - o Agile velocity
  - o Agile convergence (iteration management)

"Agile Practices" - Different Dimensions
- ❖ Suitability and limitations
- ❖ Waste management
- ❖ Interface with Quality Models like SEI CMMI

Lean Development
- ❖ Development scenario
- ❖ Maintenance scenario

Review and conclusion

Who should attend

The workshop would be highly beneficial to participants having some experience in project execution. In particular, the following audience would appreciate the workshop –

- Senior Management Personnel
- Project Managers
- Senior Project Team Members
- Team or Module Leaders
- Developers and Testers
- Quality Group Members