

# Agile Scrum Master

## **Module 1:**

### **Introduction to Agile:**

- Overview of Agile
- Requirements of Agile
- Relevance and Manifesto of Agile
- Fundamentals & Principles in Agile
- Framework of Agile
- Traditional approach of Agile
- Facts and Figures of Agile
- Estimation, Planning, Observing
- Controlling in Agile
- Requirements of Agile on Complex Projects

## **Module 2:**

### **Estimation, Planning & Analysis of Agile:**

- Describing Agile Planning
- Learn about Agile Monitoring & Adapting
- Task/Kanban Boards
- Understanding Time-Boxing
- Redundancy & Release Planning
- WIP Limits
- Understanding Burn Down/Up Charts
- Learning Cumulative Flow Diagrams
- Process Tailoring – Definition
- Analysing Trend & Variance

## **Module 3:**

### **Soft Skills, Product Quality & Communication in Agile:**

- Communication in Agile
- Describing Information Radiator
- Tools in Agile
- Two-way Communications
- Stand-ups on daily basis
- Active Listening

#### **Module 4:**

##### **Risk Management:**

- Understanding Risk Management
- Backlog – Risk Adjusted
- Understanding Risk based & Architectural Spike
- Learning EVM (Earned Value Management)
- Learning Value Stream Mapping
- Understanding Value Based Prioritization
- Illustrating Minimal Viable Product

#### **Module 5:**

##### **Scrum Introduction:**

- Scrum Overview
- Scrum Characteristics
- Understanding Product Owner
- Planning Poker
- Understanding Sprint
- Describing Scrum Master
- Role of Scrum Manager
- Pre-planning meeting of Scrum
- Depicting Sprint Calendar

#### **Module 6:**

##### **Metrics, Planning & Estimation of Scrum:**

- Redundancy
- Business Value Deliverance
- Velocity of Scrum Metrics
- Burn Down
- Learning about Code Coverage & Pairing
- Describing Release Planning
- Understanding Velocity and Historical Data
- Scrum Release Planning
- Benefits and Drawbacks of scrum
- Essential & Best Practices of Scrum