

## What will you learn?

1. The motivational behind design patterns
  - » Why patterns
  - » The history
  - » Software engineering framework and re-use
2. The approach and efforts in cataloging patterns
3. Overview and the implementation of Creational Related Patterns
  - » Abstract
  - » Builder
  - » Factory
  - » Prototype and Singleton patterns
4. Overview and the implementation of Structural Related Patterns
  - » Adapter
  - » Bridge
  - » Composite
  - » Decorator and Facade patterns
5. Overview and the implementation of Behavioral Related Patterns
  - » Observer
  - » Chain of responsibilities
  - » State
  - » Strategy
  - » Mediator
  - » Iterator
  - » Interpreter patterns
6. Overview and the implementation of System Patterns
  - » MVC
  - » Callback
  - » Successive update patterns
7. The tiered approach in J2EE Patterns
  - » Presentation
  - » Business Tiers and Integration Patterns

This course is designed for advanced java application developers, architects and software development manager who would like to acquire advanced knowledge in deploying re-usable & maintainable software.

Mastering design pattern will improve the software quality and reduce significant maintenance and further development cost.

Improving re-use  
& Quality of your application

# Java™ Design Pattern

