Course Duration:	24-30 hrs.
Timing	**Weekends : 2 hrs per Session**
Method:	With exercises.
Breaks:	As Required, but limited to total of 5-10 min. in a day.
System Access	30 Days (from day-1 of the course.)
Study Material	Not Included

Fundamentals of Object Oriented ABAP (3 Sessions)

- Analyze and design classes (UML)
- Classes, instances, references
- Inheritance, interfaces, polymorphism
- Events
- Global classes/interfaces (Class Builder)
- Class-based exception concept

Design Patterns (3 Sessions)

- Introduction to design patterns
- Types of design patterns
- Creational patterns : Singleton, Factory, Abstract Factory
- Structural patterns : Proxy, Adapter, Facade
- Behavioral patterns : Iterator, Template

ABAP Runtime Type Service (1 Session)

- Using Field Symbols
- Creating a dynamic internal table based on data
- Finding component types at runtime

ABAP Control framework (3 Sessions)

- Introduction to control framework
- Classes of control framework
- Container control – custom , Docking
- HTML viewer control
- ALV grid control
- ALV tree control

ABAP xml processing (1 Session)

- Call transformation
- Showing xml
- Parsing an xml

- Creating xml

Doubt clarification and test (1 Session)