

# **Perfection Coaching Centre**

## **iPhone Training Syllabus/ Course**

### **Module 1 – Fundamentals**

- Software Engineering
- SQL Queries
- Basics of Designing

### **Module 2 – Learning the Language (Objective C)**

- Data Types
- NSInteger
- NSNumber
- Operators
- Loop
- Intro to .H and .M Files
- Inheritance
- Method Overloading
- File Management

### **Module 3 – iPhone OS**

- Introduction to Iphone Architecture
- Essential COCOA Touch Classes
- Interface Builder
- Nib File
- COCOA and MVC Framework

### **Module 4 – Application Development in Iphone**

- Controls and Gestures
- Controllers and Memory Management
- Using Application Delegate
- Connecting Outlets
- Views (Alert View, Table Views, Picker, Date and Time, Image)
- Navigation Based Application Development
- Tab Bar and Tool Bar

Audio and Video  
Animation and 2-D Graphics  
Email Sending  
XML Parsing  
JSON Parsing  
Web Services Integration

#### **Module 5 – Database**

SQLite  
Creating Outlets and Actions  
Parsing Data with Sqlite

#### **Module 6 – Applicability to Industrial Projects**

Project Scope  
Database Dictionary  
Flow Chart  
High Level Requirements  
Location Mapping  
Deployment  
Integration to Web services  
Application Integration  
Launching other Applications

#### **Tools**

Mac OS – 10.9.2  
XCODE 5.2, sqlite3