



## Course Content

### Introduction iOS & SDK

iOS SDK: iPhone, iPod Touch  
Xcode, Interface Builder  
iPhone Simulator, Debugger

### Programming in Objective-C

Classes, Objects, Methods and Properties, id  
interface, implementation, property  
synthesize Inheritance, Polymorphism  
Dynamic Typing, Dynamic Binding  
Categories and Protocols NSArray  
NSMutableArray, NSDictionary, NSMutableDictionary  
Scalar Data Types  
NSObject, NSString, NSData, NSDate, Files

### Cocoa Framework

Nib files, File's Owner  
Outlet Connections  
Action Connections Inspector

### Controls Part-1

IBOutlet, IBAction  
Event Handling  
UIEvent  
Toolbars, Status bar

### Controls Part-2

Activity Indicator

Page Indicator, Progress View  
Refresh Control, Scope Bar, Search Bar  
Table View, Browser View, Alerting  
Media and Images & Animatio  
UIGestureRecognizer, Panning  
Audio & Video using & playing

## What Is SQLite ?

Creating the Database  
CRUD Operation with Database.  
SQLite and Core Data  
Modeling Data in Xcode

## Using Web Services

### Location and Mapping

### Social Networks Integration.

### Project 1 using SQLite.

### Project 2 using Webservice & Location Sensing

## Swift Programing

fundamentals of Swift syntax  
Understanding OOPs with Swift 2 Swift data types and collections Applying on Diff. Controls  
Array and map function  
How to respond to touch events  
Controllers and views  
functionality URLs and the NSURL  
Combining additional frameworks in an Xcode project configuration  
Discovering the fundamental features of the MKMapView API

### Project 3 using Swift

# Duration : 3 Months

**Eligibility :** Knowledge of C Programming Lang.

**Available Batches :** Regular Batch -> Monday-Saturday

**WeekEnd Batch** -> Saturday and Sunday

**Fast-Track Batch** -> 4 to 5 hrs daily

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### Present & Future Scope

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Got placements in Mid and Large size co.s  
Mobile is future Technology - Helpful to build career.  
For long term it is good technology.  
Preferes for Web and Window base development.  
Giant ERP mostly developed using Dotnet technology.

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Subhash Bridge : 24, Astha Complex, Above SBI, Opp. R.T.O. Mobile : 091-9998305399.

Vastrapur : 26, Satyam Mall, Nr. Saman Complex, On Keshav baug Road, Prem-chand nagar road. Mobile : 091-9998304985.

