

## IOS PROJECT TRAINING

Get the knowledge and the hands-on experience you need to program for the iPhone and iPad. With the iPhone and iPad development training, you'll build several applications by learning how to use Xcode tools, the **Swift programming language**, and the core frameworks. The course provides a comprehensive grounding in iOS (iPhone/iPad) application development and provides ability to build apps and a thorough understanding of the key concepts and techniques.

### MODULE 1 [ Fundamentals ]

- OOPS

#### Modual -2 [Learning THE LANGUAGE (SWIFT)]

-let keyword

-var keyword

-print

- .swift file intro

-Mutable array

-Mutable Dictionary

-for-in, for, while loop

- repeat-while loop

-Functions and Closures

-Objects and Classes

### MODULE 3 [ IPHONE OS ]

- Introduction to iPhone Architecture
- Essential COCOA Touch Classes
- Interface Builder

-Protocols and Extensions

-Enumerations and Structures

- Nib File and Story Board
- COCOA and MVC Framework

### MODULE 4 [ APPLICATION DEVELOPMENT IN IPHONE ]

-Basic Controls

- Creating Outlets and Actions
- Controllers and Memory Management
- Using Application Delegate
- Connecting Outlets
- Managing Application Memory
- Views (Alert View, Table Views, Picker, Date and Time, Image)
- Navigation Based Application Development
- Tab Bar
- Audio and Video
- Releasing Memory
- Animation and 2-D Graphics
- Email Sending
- JSON Parsing
- Web Services Integration

-Advance topics like Map integration,image upload-download,thired party integration

## **MODULE 5 [ DATABASE ]**

- SQLite
- Parsing Data with SQLite

Firebase Database

## **MODULE 6 [ APPLICABILITY TO INDUSTRIAL PROJECTS ]**

- Project Scope
- Database Dictionary
- Flow Chart
- High Level Requirements
- Location Mapping
- Deployment
- Integration to Web services
- Application Integration like(Facebook,Payment,Gmail etc)
- Launching other Applications