

## APPLE IOS SYLLABUS CONTENT

### **Development and Features of MAC OS**

- ✓ Features of Mac
- ✓ Features of iOS

### **Objective-C Introduction**

- ✓ Methods and creation of Objective C classes
- ✓ Properties and methods creation
- ✓ OOPS
- ✓ Arrays
- ✓ Inheritance and Polymorphism
- ✓ Lifecycle Applications

### **Design patterns of Cocoa**

- ✓ Define MVC
- ✓ Delegate
- ✓ Pattern of Singleton
- ✓ pattern Observer
- ✓ Data source
- ✓ coding Cocoa standards

### **Management of Memory**

- ✓ Introduction
- ✓ Auto release pool

### **ARC of Objective -C**

- ✓ ARC application Migrating
- ✓ Table views
- ✓ slider



- ✓ UIControls Basic Interaction
- ✓ switch
- ✓ progress bar
- ✓ Scroll and Web view
- ✓ Gestures
- ✓ Mail and Messages
- ✓ Mouse events
- ✓ Phone call

### **Sensors of iPhone**

- ✓ Accelerometer of iPhone
- ✓ Shakes Detecting
- ✓ Accelerometer Response

### **Table View Working**

- ✓ multiple Table Views Working
- ✓ Practice of Table View
- ✓ Creation of Custom Cell

### **Applications of Multi View**

- ✓ view to view
- ✓ controller of Pageview
- ✓ controller of Split view
- ✓ controller of Tab bar
- ✓ controller Navigation

### **iOS Multi Tasking**

- ✓ multiple threads management
- ✓ Synchronous
- ✓ NS Timers intro



- ✓ iOS GCD
- ✓ NS Operation
- ✓ Asynchronous
- ✓ NS Operation Queue

### **Persistence of Data Base**

- ✓ User Defaults
- ✓ sqlite
- ✓ Core Data
- ✓ Plist

### **Media interaction**

- ✓ AV Audio player
- ✓ MP Movie player
- ✓ Media Player

### **Notifications**

- ✓ Local notifications
- ✓ Push Notifications
- ✓ App level Notifications

### **Integration of Social Network**

- ✓ Face Book
- ✓ Google +
- ✓ Twitter

### **Testing and Deployment**

- ✓ Applications debugging in the device.
- ✓ features and differences of iOS5,iOS6,iOS7
- ✓ Submission of App store

