



# TOPS

## Technologies

TRAINING - OUTSOURCING - PLACEMENT SERVICES



## iPhone

### OTHER COURSES OFFERED

- PHP - .NET - JAVA - C,C++ - PYTHON - LARAVEL - IOT - BA
- IPHONE - ANDROID - WEB DESIGNING - GRAPHIC DESIGNING
- DIGITAL MARKETING - SOFT. TESTING - MOBILE TESTING
- ANGULAR JS - JOOMLA - MAGENTO - WORDPRESS - CODEIGNITER - STRUTS
- HIBERNATE - ADVANCED SELENIUM

# iPhone

## ↳ PRE-REQUISITE

- ⦿ C, C++ Programming
- ⦿ PL SQL

## MODULE 1 [Fundamentals]

- ⦿ About iPhone industry
- ⦿ Basic OOPs, Software Engineering ,SQL

## MODULE 2 [Language swift]

- ⦿ An introduction of swift Playground
- ⦿ Hello swift
- ⦿ Code comments
- ⦿ DataType Constants & variable
- ⦿ Optionals
- ⦿ Enumerations
- ⦿ Operator
- ⦿ Statements
- ⦿ Arrays
- ⦿ Tuples
- ⦿ Set
- ⦿ Dictionaries
- ⦿ Functions and Closures
- ⦿ Classes and Structures
- ⦿ Initializers
- ⦿ Deinitializers
- ⦿ Inheritances
- ⦿ Methods Overriding
- ⦿ Properties
- ⦿ Error Handling
- ⦿ Protocols
- ⦿ Generics
- ⦿ Extension

## MODULE 3 [iPhone OS]

- ⦿ Introduction of iPhone Architectures and cocoa
- ⦿ Frameworks and tools
- ⦿ Interfaces builder ,XIB, Nib, Storyboard files
- ⦿ MVC architectures

## MODULE 4 [Application Developments-I]

- ⦿ Introduction of application Templates
- ⦿ iPhone Application Structure
- ⦿ AppDelegate,files Owner
- ⦿ Working with UIControls
- ⦿ Creating IBOutlet, IBAction,
- ⦿ UIAlert Controller(alert and actionsheet)
- ⦿ UIButton, UILabel, TextField
- ⦿ Slider, Switch, Activity Indicator View
- ⦿ ProgressView, PageView, Stepper

- ⦿ Keyboard hiding,
- ⦿ UIImageView, UIImagePickerController
- ⦿ UISegments Controls,
- ⦿
- ⦿ Auto layout with size class(Constraint)
- ⦿ Navigation from one View to another View
- ⦿ Navigation Using Segue
- ⦿ Push and POP Methodology
- ⦿ Text Sharing (UIActivity View Controls)
- ⦿ Set App Icon, SplashScreen  
Datepicker, Pickerview

## MODULE 5 [Application Developments-II]

- ⦿ UITableView
- ⦿ Custom TableView Cell
- ⦿ UICollectionView
- ⦿ Custom collection view cell
- ⦿ Navigation bar, Navigation item, bar button item
- ⦿ Toolbar, Toolbar item, Tab bar and Tab bar item
- ⦿ Audio and Video player(AVPLayer)
- ⦿ WebView
- ⦿ ScrollView
- ⦿ UIGestures Controls
- ⦿ Dynamic Controls Design (Custom Controls Design)
- ⦿ NSUserDefaults ,Plist
- ⦿ Validation[TextField Validator]
- ⦿ Template Design
- ⦿ Cocoa pod Installation for downloading framework and library



## **MODULE 6 [ Database XML, JSON, CoreData ]**

- ⦿ Sqlite database with terminal operation
- ⦿ Sqlite database operation with application
- ⦿ XML and JSON parsing
- ⦿ RSS feed parsing
- ⦿ CoreData
- ⦿ Work with Singleton Class

## **MODULE - 7 [ iPhone with Web Server, Google Map ]**

- ⦿ NSURL Request, NSMutable URL Request
- ⦿ Webservice Integration with GET and POST
- ⦿ Working with SOAP Service
- ⦿ Open Weather Api Integration
- ⦿ Google Map Integration
- ⦿ Google api (places and direction api etc)
- ⦿ Map kit

## **MODULE - 8 [ Applicability To Industrial Project ]**

- ⦿ Notification
- ⦿ Social Framework
- ⦿ SplitView Controller
- ⦿ PageView Controller
- ⦿ Email and Message Sending
- ⦿ How to work with apple Watch
- ⦿ Application deployment



# COMPANIES WHERE OUR PAST STUDENTS ARE WORKING

**Placement**

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