



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)
- UserDefaults ,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

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- Navsari +91 96017 93193 - Surat +91 70695 98828 - Gandhinagar +91 76240 06888

MAHARASHTRA

- Nagpur +91 92252 32123

www.tops-int.com
inquiry@tops-int.com