ANDROID TRAINING IN CHENNAI

APPS- Applications or Apps, as they are more commonly known, pervade a wide range of handheld and mobile devices such as smart phones, tablets and mobile phones. An App is a downloadable software program that addresses varying user needs in the area of content, entertainment, games, productivity, communication, interaction and much more. These apps are downloaded by customers from various mobile software distribution platforms, or delivered as mobile web applications.

ANDROID - Android is a Linux-based operating system designed primarily for touch screen mobile devices such as smart phones and tablet computers. Android is open source and Google releases the code under the Apache License.

The Programme on Mobile Application Development on the Android Platform provides an introduction to object-oriented concepts and its implementation in Java technology programs. In addition, it covers syntax and semantics of Java programming language. Further it covers the implementation of various concepts such as, exception handling, file manipulation, threads, collections, input/output streams, localization, and database connectivity.

Program Contents:

Overview

- Introduction
- What is android
- Android in industry

Android Tools and Android new Project

- Android SDK
- Java JDK
- Eclipse IDE
- New project creation and explanation about files

Android Components

- Activity
- Services
- Broadcast Receiver
- Content Provider

View Groups

- Linear Layout
- Absolute Layout
- Table Layout

- Frame Layout
- Relative Layout
- Scroll View

Input Controls and Input Events(Views)

- Button, Image Button
- Text View
- Edit Text, Auto Complete Text View
- Checkbox, Radio Button ,
- Spinner, Seek bar
- Date Pickers, Time Picker
- Image View
- Radio Group, Toggle Button

Resources

- Drawable resource
- Layout resource
- Menu resource
- String resource
- Style resource

Menus

- Option menu
- Context menu
- Popup menu

Dialogs and Notifications

- Alert Dialog
- Progress Dialog
- Toast notification
- Status notification

Intent and Intent Filters

- Intent
- Pending intent
- Intent Filter

Content Provider

- SQLite
- Shared Preference

Services and Broadcast Receiver

- Services
- Broadcast Receiver
- SMS Manager

Location based Services

- Google Map
- Network provider
- Wi-Fi and Bluetooth Control

Multimedia

- Image Capture
- Video Capture
- Media Player

Real Time App Development

- IDE -Eclipse & NetBeans
- Tools -XML Spy & PL/SQL Developer

Certificates:

- A candidate will get a "Certificate in basic App Development"
- A candidate will get a "Certificate in Advanced Android App Development".
- A candidate will get a "Certificate for Successful Project Completion"

Duration:

- Training: 30 hours – 15 Days (2 hours/day)
- Project Work: 10 Hours – 5 Days (2 hours/day)