

ANDROID APP DEVELOPMENT

This is a two-day workshop in which we focus on both front and back end of (full stack) app development, with an aim of developing a working app at the end of two days. the workshop will take a total of 16 hours which is divided into two parts that is 8 hours daily. each day is further divided into pre-andpost-lunch session.

COURSE CONTENT:

Day - 1 (Introduction to android with basic inputs)

- **Getting started**
 - formulating idea
- **Android basics**
 - introduction and setting up android studio.
 - basic android concepts.
- **Building layout**
 - introduction to various widgets.
 - what are layouts, containers, xml?
 - positioning of widgets, playing with views and layout.
 - making ui/ux
 - making a birthday card/any other example.
- **Making app interactive**
 - introduction to back-end.
 - writing simple java statements.

- incorporating widgets.
- trigger events

Day – 2 (Networking and data storage)

- **Networking**

- json parsing
- http networking
(hands-on)
- threads and parallelism

while building app

- **Data storage**

- sql
- shared preferences

Benefits:

- hands on and completely interactive session by experts.
- doubt clearing session at the end of workshop.
- application development resources will be provided.
- opportunity of becoming member of **aceshub** to work on various related projects of different technology stack.
- gifts/goodies from **aceshub**.
- each participant will get certificate.

Course outcome:

At the end of the workshop, participants will have a knowledge of how to get started for developing an application from scratch and converting idea on paper to reality. Also, students will have an insight of good coding practices and new trends in android development.

Venue : College of Engineering, Pune

Workshop fees : ₹1100/- per individual

Date : 16th & 17th September 2017