



**Dempo Charities Trust's
DHEMPE COLLEGE OF ARTS & SCIENCE
Miramar, Panaji-Goa**

Android Development

[2 Credits 30 hours]

Course Objective:

The course is intended to design applications that run on android operatic system.

Learning Outcome:

The students will be able to create real time applications that run on android operatic system.

Course Content

1. What Is Android? :Brief History of Embedded Device Programming, Open Handset Alliance and Android,Introduction to Android(4)
2. Downloading and Installing Eclipse :Why Eclipse?,Downloading and installing the JRE,Downloading and Installing Eclipse,downloading and Installing the Android SDK, Downloading the Android SDK , Downloading and Installing the Android Plugin for Eclipse,Configuring the Android Plugin for Eclipse(6)
3. Exploring the Android SDK ,What Is in the Android SDK? ,Android Documentation ,Android Samples ,Try This: Run the API Demos Sample Application , Android Tools , APIs ,Application Life Cycle ,Standard ASP Application Life Cycle ., Android Application Life Cycle .,(5)
4. Application: Hello World! : Creating Your First Android Project in Eclipse , Examining the Android-Created Files ,AndroidManifest.xml , Referenced Libraries ,,Directories Hello world using an image(5)
5. Using the Command-Line Tools and the Android Emulator: Creating a Shell Activity Using the Windows CLI , Running the ActivityCreator.bat ,the Project Structure ,Creating the Hello World! Activity in the Windows CLI , Editing the Project Files(5)
6. Lists, Menus, and Other Views :Building the Activities ,Intent Code for the .xml File ,Intent Code for the .java File ,Modifying the AndroidManifest.xml , Using the Menu , Creating the Activity for AutoComplete ,Button ,checkBox ,EditText ,RadioGroup ,Spinner .(5)

Reference

1.J.F. DiMarzio, Android – a programmers guide

Ms Shilpa Naik

Dempo Charities Trust
Dhempe College of Arts & Science
 Miramar - Goa.

Academic Year : 2015 - 16

SHORT TERM COURSE ATTENDANCE SHEET

Name of the Course : Android development

Topic : Android development

Class :- **TYBSc.**

Batch :- I

Lecture No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Date	20/6	22/6	23/6	27/6	29/6	30/6	1/7	6/7	7/7	11/7	13/7	13/7	20/7	21/7	23/7	27/7	7/8	8/8	10/8	14/8											
Name of Student																															
Francis Alfonso	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P											
Johan A Braganza	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P											
Carneiro C Dahlin	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P											
Ratish Kumbharjuvankar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P											
Nagekar Dattesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P											
Rodrigues Cassadra M.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P											
Wagle Shrishya Sham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P											
Silveira Darrel Mehul		P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P											
Manisha Phadte	A	P	P	A	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P											
Nivesha Lopes		P	P	A	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P											
Nikhil Mandrekar		P	P	A	A	A	P	P	P	A	P	A	P	P	A	P	P	A	P	P											

Mr. Sachet Parshikar
 Name & Signature of the Teacher

In-Charge *[Signature]*
 Ms Shilpa Naik

5. **Name: Android development**
Class: TYBSc Computer Science
Number of Students: 11
Fees charged: Rs 1000 per student
Duration: 40 hours
Aim: To learn to design & develop Android apps.
Conducted from: June 2015 to August 2015
Instructor: Mr Sacheet Parshikar

The course on Android development was conducted for TYBSc Computer Science students for the academic year 2015-16. The course of 40 hour duration was conducted during the beginning of the first term from June to August 2015.

The course teaches students the techniques to design and develop applications for Android phones. The course also helped students in designing and developing their Final year project.

The student feedback score of the Instructor was 2.78