ACE WEB ACADEMY

Android Course Module - 1

Name: Email ID: Joining Date:

S.NO	Topics	No. Classes	Date	Student Sign	Faculty Sign
1	**Core Java**	Class 1 to 3(1Hour)			
2	**Android** ○ Introduction ○ Software Installation ○ History of android ○ Features & Architecture	Class 4 (1Hour)			
3	**Deep Overview in Android Stack** ○ Linux Kernel ○ Libraries ○ Android Runtime ○ Application Framework ○ Dalvik VM				
4	**Android Components** ○ Activity ○ Services ○ Broadcast Receiver ○ Content Provider	Class 5(1Hour)			
5	**Creating First Android Application** ○ Creating Android Project ○ Debugging Application through ○ DDMS ○ Setting up environment ○ AVD Creation ○ Executing Project on Android Screen	Class 6(1Hour)			
6	**Hello World App** ○ Creating your first project ○ The manifest file ○ Layout resource ○ Running your app on Emulator	Class 7(1Hour)			
7	**Intents** ○ Implicit intent ○ Explicit Intent ○ Intent Filter ○ Activity Lifecycle	Class 8(1Hour)			
Test Date:			**Marks Scored:**		
8	**Linking Activities** ○ Linking Activity ○ Passing Data using Intent ○ Bundle	Class 9(1Hour)			

ACE WEB ACADEMY

9	**Building UI with Activities** ○ Activities ○ Layouts and Common UIcomponents ○ Creating UI through code and XML ○ Activity lifecycle ○ IntentsCommunicating data among Activities	Class 10(1Hour)			
10	**Widgets** ○ Event Listener ○ Event Handling				
Test Date:				**Marks Scored:**	

ACE WEB ACADEMY

Android Course Module – 2

S.no	Topics	No. Classes	Date	Student Sign	Faculty Sign
1	**Selection components** ○ ListView ○ Spinner ○ GridView ○ Adapters &CustomAdapters	Class 11(1Hour)			
2	**Advanced Selection components** ○ RecyclerView ○ CardView ○ Expandable ListView	Class 12(1Hour) & Class 13(1Hour)			
3	**Dialogs** ○ Alert Dialog ○ Progress Dialog ○ Date and Time Picker ○ Customized DialogS	Class 14(1Hour)			
4	**App Debugging** ○ Debugging in android application ○ Log cart ○ Validations ○ DDMS	Class 15(1Hour)			
5	**Notifications** ○ Toast, Custom Toast ○ Status bar Notifications	Class 16(1Hour)			
Test Date:				**Marks Scored:**	
6	**Menus** ○ Options Menu ○ Context menu ○ Popup ○ Toolbar ○ Floating Action Button	Class 17(1Hour)			
7	**Fragments** ○ Fragments calling ○ Navigation Drawer ○ Tabs	Class 18(1Hour) & Class 19(1Hour)			
8	**Animations**	Class 20(1Hour)			
9	**Styles, Themes and Material Design**	Class 21(1Hour)			
10	**Services ,BroadCast Receivers and WebView**	Class 22(1Hour)			
Test Date:				**Marks Scored:**	

ACE WEB ACADEMY

Android Course Module - 3

S.NO	Topics	No. Classes	Date	Student Sign	Faculty Sign
1	**Shared Preferences** ○ Create the File ○ Insert the data ○ Edit the Data ○ Remove the Data	Class 23 (1 Hour)			
2	**Data Base** ○ SQLite Database ○ Create the Data Base ○ Insert ○ Update & Remove	Class 24,25,26 (1 Hour)			
3	**Internal Storage & External Storage**	Class 27 (1 Hour)			
4	**WIFI And Bluetooth**	Class 28 (1 Hour)			
5	**Multimedia** ○ Camera ○ Media Player ○ Audio Player ○ VideoPlayer	Class 29 (1 Hour)			
6	**Telephony manager** ○ Sending and Receiving SMS ○ Get the Telephone Details ○ Send SMS ○ Send Email ○ Make call & make search of Google	Class 30 (1 Hour)			
Test:			**Marks Scored:**		
7	**Multithreading** ○ Async Task ○ Handler ○ Thread	Class 31 (1 Hour)			
8	**Text to Speech & Voice to text**	Class 32 (1 Hour)			
9	**Canvas**	Class 33 (1 Hour)			
10	**Web service** ○ Json ○ Xml ○ Restfull	Class 34,35,36,37,38 (1 Hour)			
11	**Sensor**	Class 39 (1 Hour)			
12	**Google Map** **Deploying The App To Google Play Store**	Class 40,41,42 (1 Hour)			
Test Date:			**Marks Scored:**		