



Guest Lecture on Android

Topic :	Guest lecture on “Android” for the students of MCA by Mr Nikhil working as android consultant in DuCat, Noida.
Date of event :	January 16, 2014
Aim of the Event :	. A guest lecture on “Android” was organized with the aim of introducing students to the career opportunities in the field of developing apps and gaming through ADROID.
Event Report in brief :	<p>Before starting the android development sir divided the session into the following parts:</p> <ul style="list-style-type: none"> • Introduction of Android OS. • Introduction of Java classes and OOPs concept • What are software development toolkits and ADT’s. • Android platform and its installation. • Understanding the concept behind “Emulator”. • Designing of the user interfaces by creating layouts and widgets. • How to develop different apps and tools using Android. • The comparison of Android apps and Apple. • Development of program using Eclipse. • Designing of the user interfaces by creating layouts and widgets. • Live demo on “HELLO WORLD APP” and also helped the students develop their own app with the assistant of the speaker. <p>In the first part of this demo session, Mr Nikhil discussed about the OOPS(Object oriented programming) concepts and various classes of java which are essentials for the understanding of Android OS. He has also given some examples of object creation, encapsulation, inheritance,</p>

abstraction etc and linked these things with the real world with the help of implementation. After that sir gave the introduction about Android and its history. Then, he explained the constraints of the mobile application as compared to the desktop application like orientation, processing power, Events calls, platform versions, testing parameters etc and introduced about the emulator & how can we use it while developing the applications. He has also told the difference of android apps and apple apps and cleared the career option for the students in both.

Then sir explained about the IDE for develop the application and started the work on Eclipse IDE. He explained various things in IDE and then sir designed the user interfaces by creating layouts and widgets then he gave live demo on “HELLO WORLD APP” and also helped the students develop their own app with the assistant of the speaker .