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## **Department of Computer Science and Engineering**

### **A Three Day Skill Development Programme**

on

### **"Google Android Developer Fundamentals Phase-I" during 1<sup>st</sup> to 3<sup>rd</sup>, August, 2019**

The Department of Computer Science and Engineering organized a Three Day Skill Development Programme on *Google Android Developer Fundamentals Phase-I* 74 CSE students registered and participated in the programme.

In the first session of day 1, Mr.Dr.P. Mastan Valli, Android Trainer, APSSDC (Andhra Pradesh Skill Development Corporation) briefed the important concepts of *"Installation of Android Studio and Creating User Interface"*. The second session was taken by Mr. Aman Sahai, Android Trainer; APSSDC discussed various nuances of *"How to Create and Use Layouts in Android Development"*. The third session was engaged by Mr. Dr.P. Mastan Valli, APSSDC, on *"Activity Life Cycle and States"* and *"Using Support Libraries"*. The last session of the day was *Hands-on Practice* in which the students practiced programmes on basics of Android Application Development.

On day 2 Dr.P. Mastan Valli, Android Trainer, APSSDC discussed different issues on *"Pickers, How to Use Options Menu and Creating Radio Buttons."* In the second session Mr. T. Venkata Chalapathi discussed *"Drawable Styles and Themes."* The afternoon session was *Hands-on Practice* where the students simulated programmes on User interface, Layouts and Themes.

On final day, Dr.P. Mastan Valli, Android Trainer, APSSDC discussed *"How to Use Espresso to Test Your Design."* The second session, Mr.Aman Sahai, discussed *"Asynchronous Task Loaders."* The afternoon session was taken by Mr. T. Venkata Chalapathi who discussed *"Material Design: Lists, Cards and Colors"* The last session of the programme was *Hands-on Practice* on Simulation of Android Programmes in Google Play Store.

#### **Outcomes:**

- The students gained knowledge in advanced concepts of Java and Android User Interface
- The students developed and simulated programmes in the Android Environment.
- The students are able to design solutions for Real-time Problems.



*Mr. P. Masthan Valli, Android Trainer, APSSDC delivering a lecture on "Android Application Development"*



*Mr. T. Venkata Chalapathi, Android Trainer, APSSDC delivering a lecture on "Drawable Styles and Themes"*



*The Trainers of Android Application Development Phase - I*



*The HoD-CSE, Coordinators, APSSDC Trainers and Participants of Google Android Developer Fundamentals Phase-I*