



MAR DIONYSIUS COLLEGE, PAZHANJI

Department of Computer Applications

Department of Computer Applications, Mar Dionysius College, successfully organized one day Workshop, 31st January 2020 in collaboration with “**Iconnet Technologies**” technical society. The objective of the event was to create awareness among students of Engineering and Science course about Android OS. Students of Computer Applications in order to provide a forum for the free and fruitful exchange of ideas and information for becoming about Android Apps. Total 45 students participated in the event.

The workshop was coordinated by Chithrabhanu and Titto from Iconnet Technologies, Thrissur at 10:00 AM at Room no. 37 Lab2 Main Building. **Android App Development Workshop** mainly focuses on how to use Android OS for building your own Android Application.



There were total 2 sessions. The first session was basic level. The morning session lead by Chithrabhanu by mentioning about basics of android. He started the workshop with the Current trends of Android development and its advantages and disadvantages. The workshop started from the basics like designing layouts and

building complex layouts. The students also got an overview of Network APIs and Web based APIs.

Contents:

- 1) Introduction of Android studio.
- 2) Discussion about manifest and gradle file of Android studio.
- 3) How to add dependency of firebase library of Android studio.
- 4) Core java concept for Android studio.
- 5) Difference between App level “**build.gradle**” and project level “**build gradle**”.
- 6) Discussion on Compile/ implementation in gradle library.
- 7) Discussion on Layout(Linear, constraint, relative) where to use in android

Once the basics of Android are done we will begin with building Apps. Afternoon session begins with creation and implementation of android apps. The practical session conducted on the Lab I of Computer Application department. Once the basics of Android are done we will begin with building Apps. In this the students had to design the user interface of the app.

After the workshop, the students asked him the questions and he answered them aptly. The workshop was very well received by the students.

Feedback:

Student’s view, Overall it was a knowledge sharing session and was beneficial for all the students and Faculties.

Student’s view, the style and way of teaching of instructor was very interactive and understandable.

Student’s view, they demanded that more session should be organized by Department.

Faculty coordinators,

Geever Simon K
Reshma C Ravindran
Leena K V
Jilsy James P

Place:

Mar Dionysius College,pazhanji

Date:

Friday, January 31, 2020 - 10:00am