

DATE: 21/03/2021

Event Coordinator(s)

1. Kirti Motwani

Student Coordinator(s)

1. Sushree Nadiminty

2. Rahul Anandraj

Time & Place:

11.00 AM- 2.00PM

Online Google Meet

Department:

Computer Engineering

No of participants: 59

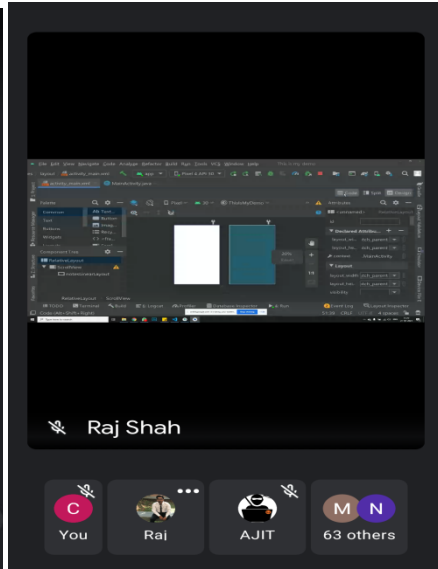
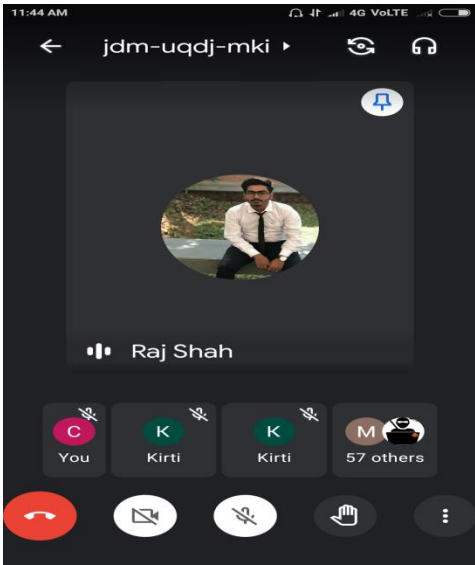
The speaker, Mr. Raj Shah is an industry level expert in Android development and was cordially invited to brief the students on the same. The students were given a short insight on the various components and system design of the android operating system and were also briefed on topics such as:

- Architecture of Android OS
- Structure of the Android OS including kernels, frameworks, libraries and applications.
- Usage of Linux/Java as a language for implementation of Android

The speaker then proceeded to demonstrate building of a simple Android application using Android Studio, where the students learnt how a general mobile application is divided into the front-end(GUI) and backend implemented via Kotlin. SQL was the database used to connect the application for it's queries in back end. The students gained hands on experience in:

- Creating and designing a new template in Android Studio
- Importing several packages to meet user needs
- Implementing methods to run basic commands in the app's interface such as text fields and buttons
- Understanding the XML vocabulary to design the layout of the application

Student Feedback and Benefits- The session started with the speaker talking about the android operating system. He talked about the difference between the android based operating system and the desktop based operating systems. He gave an idea on the scope in android development field. He also gave information about how android apps are created and what are the software and hardware requirements to make an android app. The session proceeded by creating a basic android app was made using java. Android studio was setup and used to make the app. An app which could store notes was made. All the data which would be saved in the notes app would get stored on a database. Working of all the codes was explained. The app was successfully made by everyone.



Meet - jdm-ujdj-mki

meet.google.com/jdm-ujdj-mki?authuser=0

Raj Shah is presenting

Odrin Rodrigues and 66 more

12:05 PM

```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help This is my demo
niti thisismydemo Schema
Project build libs androidTest main java com.zefinitii.thisismy MainActivity Note Schema
Resource Manager
Z-Structure res AndroidManifest.xml test gitignore build.gradle proguard-rules.pro gradle
Favorites
TODO Terminal Build Logcat Profiler Database Inspector 4 Run Event Log Layout Inspector
Success: Operation succeeded (13 minutes ago)
meet.google.com is sharing your screen Stop sharing
16 chars 7:45 CRLF UTF-8 4 spaces
android
Meeting details
Enter any notes specific to this class.
Raise hand Turn on captions Raj Shah is presenting
```

Meeting details: Enter any notes specific to this class.

Meeting controls: Raise hand, Turn on captions, Raj Shah is presenting.

Taskbar: p1 - Paint, File Explorer, Xavier Institute of Eng..., Meet - jdm-ujdj-mki ...