

National Institute of Technology Karnataka - Surathkal



July 2021- Feb 2022 Report

Web Enthusiasts' Club, NITK



Google Developer Student Club's Google Cloud Program

Date: Whole month of October 2021

Description:

30 Days of Google Cloud program aims to provide students with an opportunity to kickstart their career in cloud and get hands-on practice on Google Cloud. The program aims at providing an opportunity to gain strong industry skills with hands-on labs that will help them launch a career in cloud. Students will gain hands-on experience in concepts like computing, application development, big data & machine learning using Google Cloud. Students will learn each of these concepts using self-paced labs that provide them with temporary credentials to Google Cloud, so that they can learn the cloud using the real cloud. These concepts are divided into specially curated tracks - Cloud Engineering & Machine Learning, which aims at providing a distinguished learning experience for students according to their interests.

30 Days of Google Cloud program, is a national scale program coordinated by GDSC across 350+ campuses across India, which provides an opportunity to kick-start your career in cloud and get hands-on practice on Google Cloud Platform - the tool that powers apps like Google Search, Gmail and YouTube. Cloud program provides a hands-on experience in two specially curated tracks: Cloud Engineering and Data Science and Machine Learning. The program provides skill badges on completion of quests which can be showcased on resumes and social profiles. The program rewards the students learning at least one track with cool Google Cloud goodies.

No. of Participants:

Program Enrollment Count: 183

Students completing at least one track: 49

Image(s):

30 Days of Google Cloud



Hacktoberfest Meetup

Date: 4th October 2021

Description:

The event started with an introduction to open source and its significance. Subsequently, the details about the Hacktoberfest program and how it can be used to get started with open source was given. This was followed by the launch of a new Centre: COSH by the Director Prof. Umamaheshwar Rao and Prof. Mohit Tahiliani. The launch highlighted the aim of the institute and different programs it will be offering in the future. This was followed by a general Q and A session. The goal of the event was:

- To introduce and promote open source.
- To provide the details regarding Hacktoberfest
- To introduce Centre for Open Source Software and Hardware(COSH) and provide its aim and programs planned.

No. of Participants: 110

Image(s):



Clique 6

Date: 23rd October 2021

Description:

The eighth edition of our most awaited annual flagship coding contest series - Clique. With the main aim of promoting Competitive Programming, it was a battle of code where students can put their minds into work to get the top spot. The contest series was an initiative in introducing and engaging students of the college to the competitive programming world.

It was conducted for 2 hours with 6 questions to solve. It was hosted on Hackerrank and hence scored by the traditional Hackerrank scoring with partials. All problems were original and prepared by students of NITK.

No. of Participants: 13

Image(s):



Clique 6

4pm-6pm | Saturday, 23rd Oct

Register Now:

hackerrank.com/clique-6

Open to all Years



System Design Session

Date: 31st July 2021

Description:

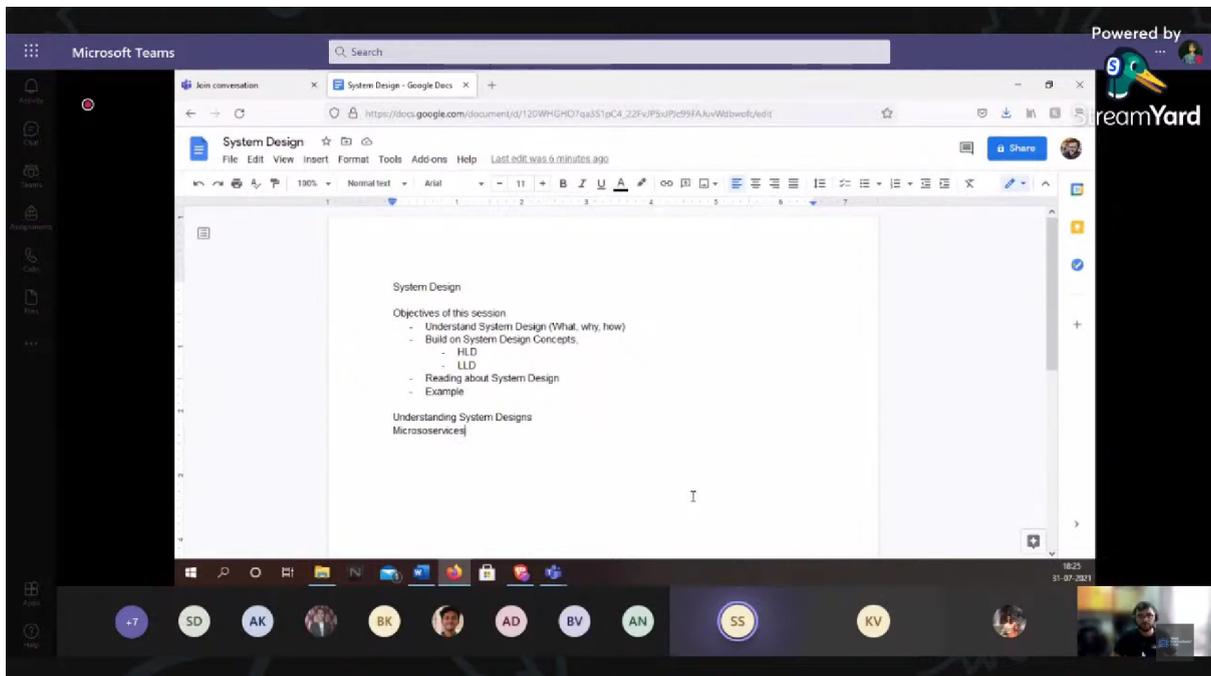
In this session, participants were introduced to the field of system design and all the steps involved in the same. The talk was conducted by Salman Shah, who is an NITK alumni working at Microsoft as an SDE I.

The talk started out with the different types of architectures, i.e, monolithic and microservices architecture, and then proceeded to introduce the different stages of system design. An example of a URL

shortener service was taken up and participants were taken through the process of designing a system architecture for the same. The requirement analysis step was especially discussed in detail with focus given on how to pick features and reason about different parameters related to it.

No. of participants: 15

Image(s):



Android Study Jam

Date:

Dec 10th, 2021 - Session 1

Dec 17th, 2021 - Session 2

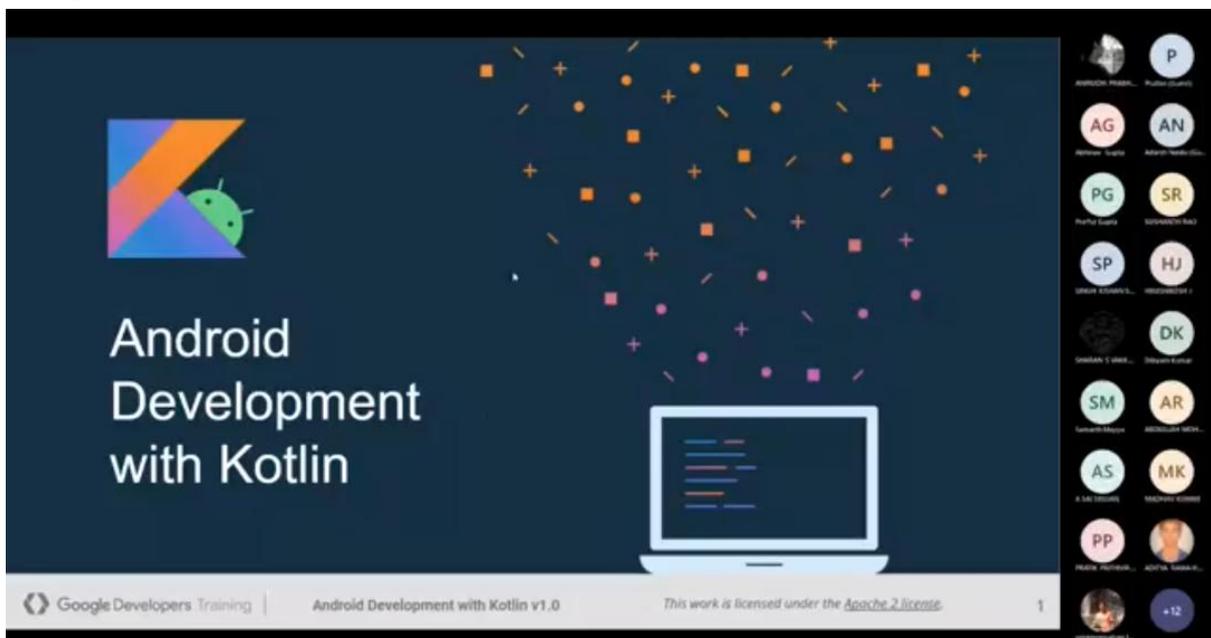
Dec 29th, 2021 - Session 3

Description:

Android Study Jams is a community program to learn Android app development through hands-on codelabs in an online curriculum provided by Google. The participants will learn the fundamentals of Android development using Kotlin, build an app using Kotlin, and earn badges along the way and can become certified Associate Android Developers.

No. of participants: 50

Image(s):



Core Contact Information

Convener: Arnav Santosh Nair(Ph: 7899361099, Email:
arnav.181co209@nitk.edu.in)

Joint Convener: Aniruddh Patil(Ph: 7975643886, Email:
aniruddhpatil.181it106@nitk.edu.in)

Chair: Sriram Rao Udupi(Ph: 7975610644, Email:
sriramraoudupi.181it246@nitk.edu.in)

Chief Coordinator: Adharsh Kamath(Ph: 8296678775, Email:
adharshkamath.181it202@nitk.edu.in)