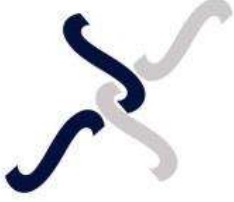




# GTU INNOVATION COUNCIL

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

		
<b>Student Startup Support System (S4)</b>	<b>Gujarat Technological University, Ahmedabad</b>	<b>GTU Innovation Council (GIC)</b>

A

**Report on**

## **Workshop on Android & iOS App Development**

**Date:** 10<sup>th</sup> to 13<sup>th</sup> November 2016

**Time:** 10:00 am to 05:00 pm

**Venue:** Gujarat Technological University Block No 6, GTU Building, LDCE Boys Hostel Campus Road,  
Opp. Passport Office, Navrangpura, Ahmedabad-380015

Speaker of the day:

Mr. Surya Pratap Singh  
Software Engineer  
Nihilent Technologies, Pune

## Introduction

Workshop on Android and iOS App Development aims to impart technical and practical knowledge to students and future engineers. This workshop was an initiative of GTU Innovation Council under Digital India Initiative to impart knowledge to the students regarding app development irrespective of their branches.

Assistant professor Ms. Tosha Shukla started by addressing the audience and by giving them an insight about GTU Innovation Council and why they were conducting such events for the students, what benefit students will gain by such events and many more advantages of students.

Why Workshop on Android and iOS App Development was carried out for students?

- For giving the students the insights about app development in android and iOS and also to provide hands on experience to students on Android Studio.
- The phone's explosive growth makes a big difference in the developing world. For gearing up the students with this growth, GTU INNOVATION COUNCIL (GIC) invited speaker who has vast knowledge in this field.



Picture-1: Quote

## **Session by Mr. Surya Pratap Singh**

**Software Engineer**  
**Nihilent Technologies**

Nihilent is a global consulting and solutions integration company using a holistic and systems approach to problem solving. Headquartered in Pune India, the company's executive team has over 500 person and many years of experience in international consulting, IT outsourcing and IT services. They have made major intellectual contributions to the development of IT around the world. Nihilent's operations span North America, Europe, Africa, Australia, Middle East and Asia.

### **About the Workshop:**

It was an interactive workshop with Mr. Surya Pratap Singh. He started the workshop with the history of android its advantages and disadvantages. He explained them the benefits and changes it will bring to day-to-day activities and how it can benefit them irrespective of their branch. He discussed the importance, usefulness and impact of apps in today's digital world.

He briefed the students about the types of validation, basic hardware and software requirements for android development. He provided insights about XML file, the configure components and XML theme. He explained them app architecture, app components, app manifest and app resources. He not only explained it analytically but also demonstrated by creating an app with the students. Even the students got a chance to experiment with their coding skills on Android Studio. To enhance their skills *an app development competition* was declared. The students had to make an app for GTU Innovation Council. In this the students had to design the user interface of the app. The students of SAL College of Engineering have won the App Development competition.

After the workshop, the students asked him the questions and he answered them aptly. The students got insights about how apps will disrupt the digital world, how can it be useful to them and how it will bring the change in industry.

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## **Photo Gallery**



# *GTU INNOVATION COUNCIL*

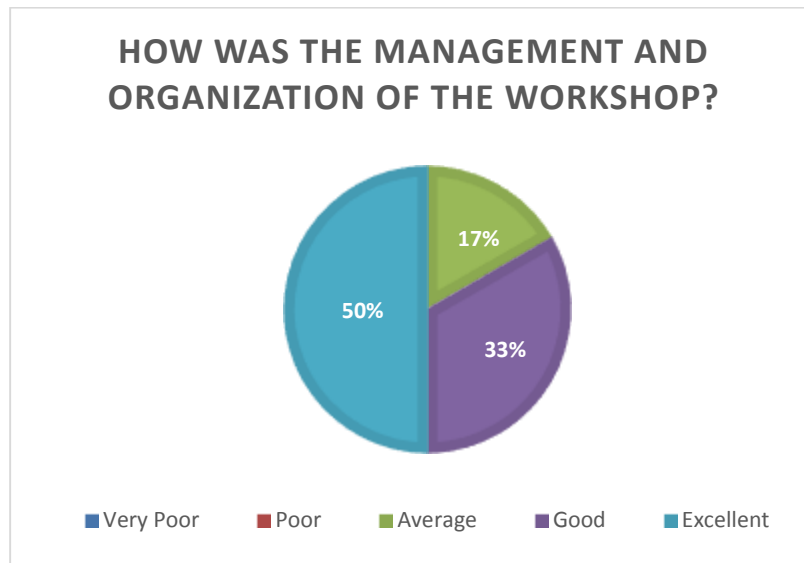
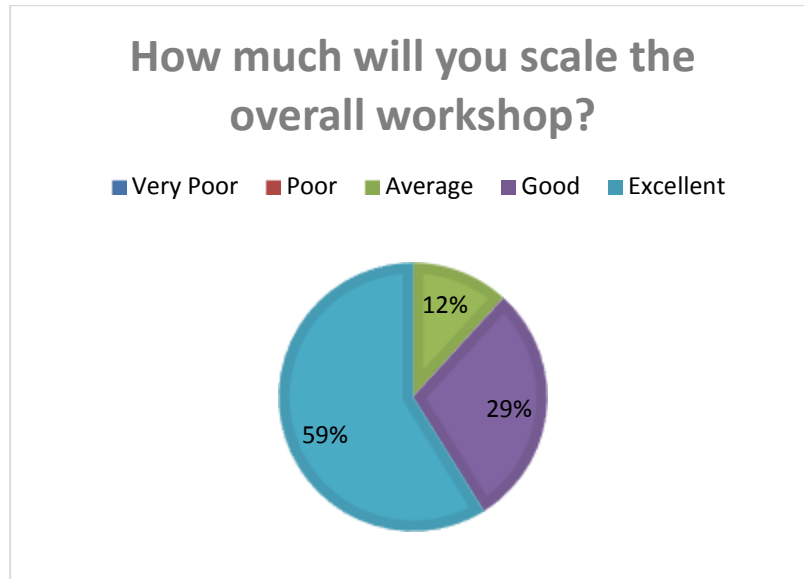
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*Picture: The students and speaker at the workshop*



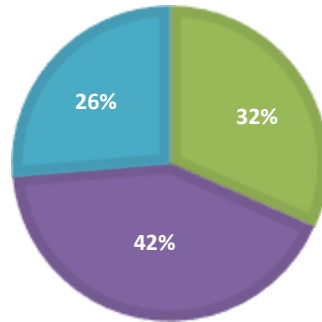
*Picture: Winner of the competition*

**Feedback of the students:**



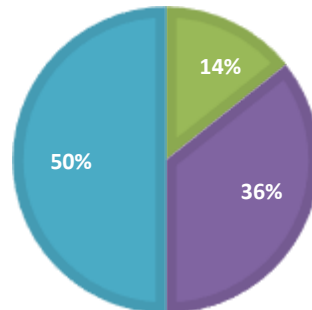
**HOW MUCH WILL YOU SCALE TO THE CONTENT OF THE WORKSHOP?**

■ Very Poor ■ Poor ■ Average ■ Good ■ Excellent



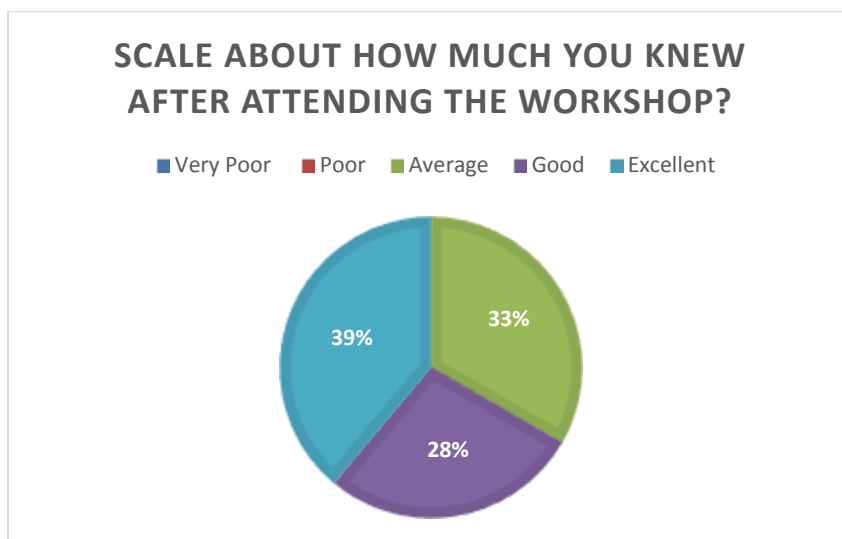
**HOW MUCH WILL YOU SCALE THE MENTOR/SPEAKER BASED ON YOUR EXPERIENCE?**

■ Very Poor ■ Poor ■ Average ■ Good ■ Excellent



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