



Madhuben and Bhanubhai Patel Institute of Technology

PO Box No.8, Beyond GIDC Phase IV, Vithal Udyognagar – 388121,
Dist. Anand, Gujarat, INDIA. Tele Fax : +91 2692-230823
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Report on One day Remote Student Development Programme on “Android app using Kotlin”

**Madhuben & Bhanubhai Patel
Institute of Technology**
(A Charutar Vidya Mandal Institution)

**Department of Computer Engineering &
Department of Information Technology**
organizes **One Day Remote Student Development Program**
under **ISTE Student Chapter**
in association with
Spoken Tutorial, IIT Bombay on

Android app using Kotlin
19th September, 2020

CHIEF PATRON
Er. Bhikhubhai B. Patel
(Hon. Chairman-CVM & President-CVMU)

PATRON

Shri Manishbhai Patel Hon. Vice President-CVM	Dr. S. G. Patel Hon. Secretary-CVM	Shri Mehulbhai Patel Hon. Jt. Secretary-CVM
Shri B. P. Patel Hon. Jt. Secretary-CVM	Shri R. C. Talati Hon. Jt. Secretary-CVM	Shri V. H. Patel Hon. Jt. Secretary-CVM

PRESIDENT
Prof. (Dr.) Archana S. Nanoty
(Principal, MBIT)

CONVENER
Dr. Hetal Chudasama
(HOD, IT Department)

COORDINATOR
Prof. Pooja Bhatt
Prof. Ankita Chauhan

ISTE COORDINATOR
Prof. Nirav Raja
Prof. Sunayana Domadia
(HOD, CE Department)

Registration Link: <https://bit.ly/3jWEB86>

Introduction

- Android is an open source and Linux-based Operating System for mobile devices such as smartphones and tablet computers.
- Android Studio is the official IDE for android application development. App development on Android was almost exclusively done using the Java programming language.
- Kotlin is a new open source programming language built by JetBrains, known for IntelliJ IDEA (Android Studio is based on IntelliJ IDEA). Kotlin is a language that runs on the JVM (Java Virtual Machine).
- Kotlin, is a statically typed programming language for the JVM, Android and the browser.

Salient Features

- Kotlin is easy to learn and the syntax is very similar to Java.
- Kotlin is more expressive, which makes the code more readable & more understandable.
- It has better performance and small runtime.
- It's deep interoperability with Java, which attracts more Java developers.
- It is tools-friendly as IDE gives suggestions for Kotlin code, can convert Java code to Kotlin code.
- The intelligent code editor helps to write better code, work faster, and be more productive by offering advanced code completion.
- Applications built in Android Studio are then compiled into the APK format for submission to the Google Play Store.

Important Note

- Limited seats, Registration will on first come first serve basis.
- **Register yourself with new email id which must not be associated with any of the other courses of spoken tutorials before.**
- Conformation of Registration is subject to verification done by Spoken Tutorials.

*** Registration Fees: Rs 236/- (Including GST)**
* Fees taken by Spoken Tutorial, IIT Bombay

*** CE/IT branch students can attend.**

**Last Date of Registration:
15th September, 2020, 05:00 PM**
Payment Link: <https://bit.ly/2DH4au>

Organized By:-

Department of Computer Engineering and Department of Information Technology
of MBIT association with IIT Bombay spoken tutorial



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One day Remote Student Development Program on “Android app using Kotlin” was organized by Department of Computer Engineering and Department of Information Technology of Madhuben & Bhanubhai Patel Institute of Technology – CVM University, New Vallabh Vidyanagar, on 19th September 2020 in association with Spoken Tutorial, IIT Bombay. The objective of organizing this Student Development Program (SDP) was to acquire programming skills in Android and to learn how to design applications in Android using Kotlin.

An online inaugural function was held on 19th September, 2020. In the beginning, Prof. Dr. Archana Nanoty, Principal, MBIT and SDP President address the participants and shared her views about the importance of such programs. She discussed about importance of latest technological development considering the present time of COVID-19 pandemic. After that Honorable Chairman of CVM and Chief Patron of this SDP Er. Shri Bhikhubhai Patel sir motivated us with his blessings and encouraging words.

Prof. Sunayana Domadia had introduced the participants with the schedule of student development program. Prof. Ankita Chauhan had conclude the inaugural function with vote of thanks to Honorable Chairman of CVM Er. Shri Bhikhubhai Patel sir, President of SDP Prof. Dr. Archana Nanoty, Principal, MBIT, Convenes of SDP Prof. Nirav Raja, I/C Head of Computer Engineering Department, and Prof. Hetal Chudasama, Head of Information Technology Department, MBIT and participants of Workshop. Prof. Pooja Bhatt had provided Technical support during this workshop.

More than 70 attendees were registered in SDP from various institutes like Dr. Ambedkar Institute of Technology-Chennai, Gulzar Group of Institute-Delhi, Shree Swaminarayan Institute of Technology-Gandhinagar, Gyanmajari Institute of Technology-Bhavanagar, Neotech Technical Campus-Vadodara, SVIT-VASAD, Sigma Institute Of Engineering-Vadodra.

This Event was well organized by Student coordinators Drashti Patel(7CE2), Parthi Bharadva (5CE1) under the guidance of the coordinators of workshop Prof. Pooja Bhatt , Prof. Ankita Chauhan and Prof. Sunayana Domadia.



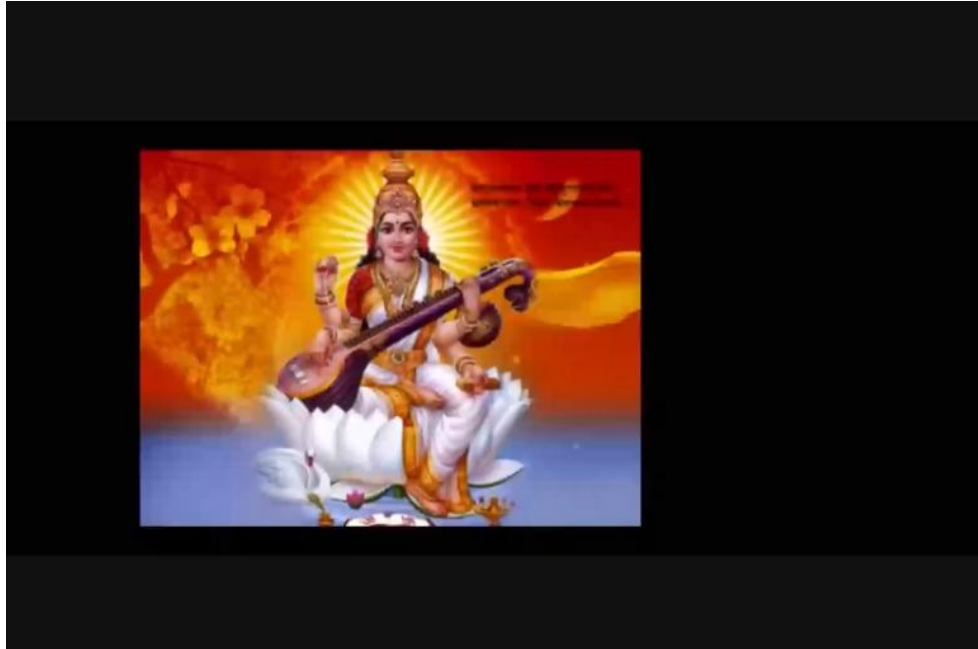
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People (44)

Chat

-  Drashti Patel (You)
-  Ankita Chauhan
-  Ashini Patel
-  Bhakti Punjabi
-  Bhoomi Patel
-  Chitra Parmar
-  Dhrutixa Patel
-  Diksha rai
-  Esha Devre





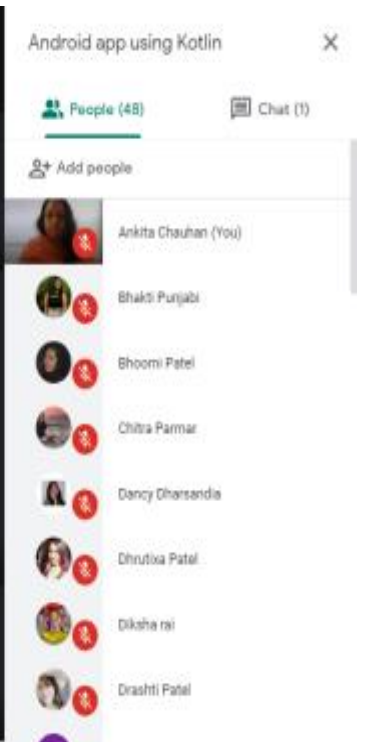
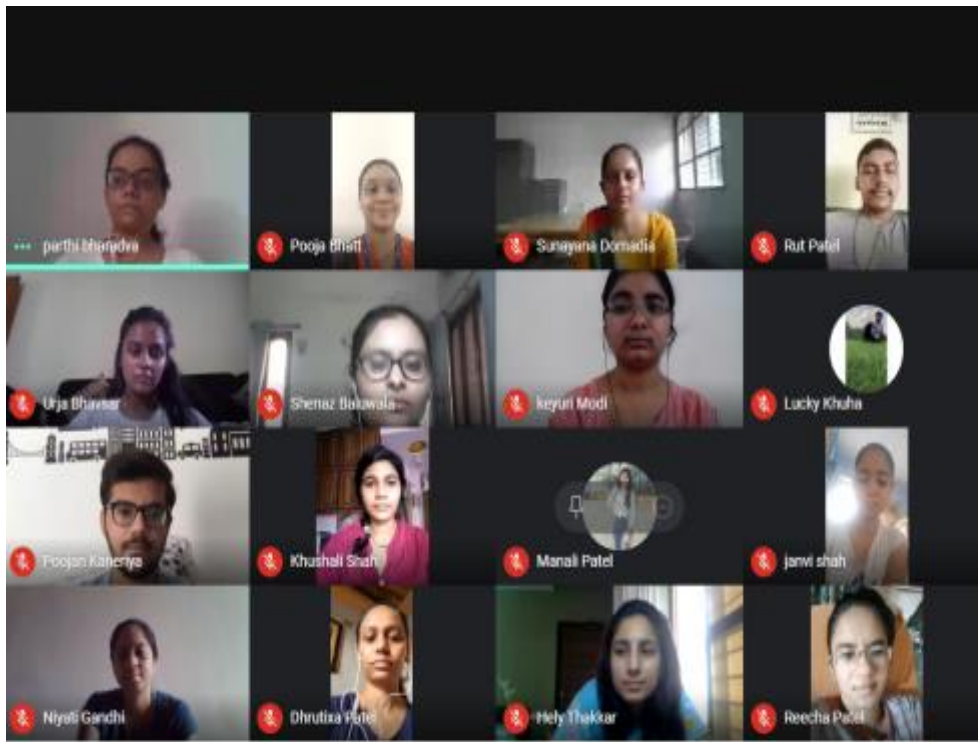
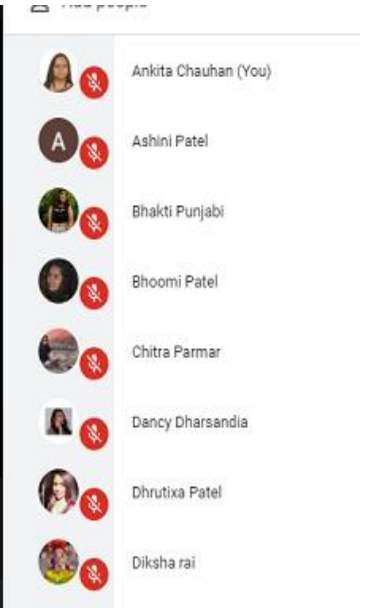
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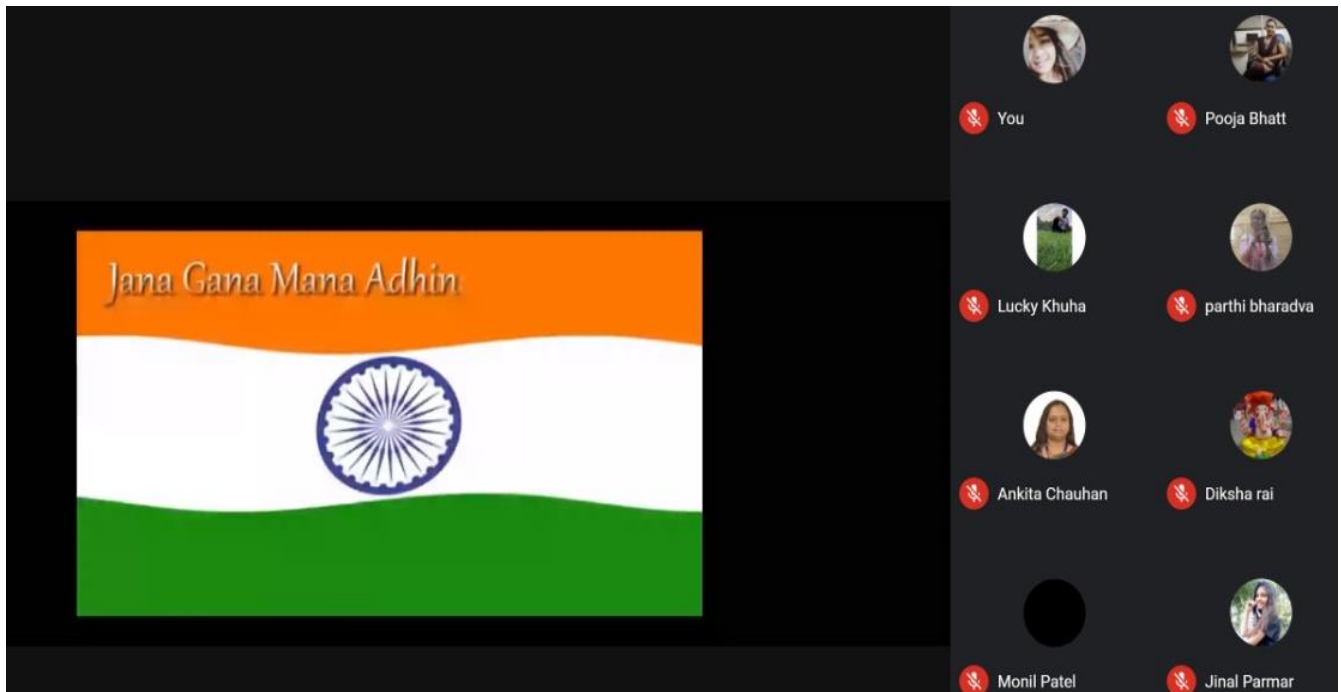
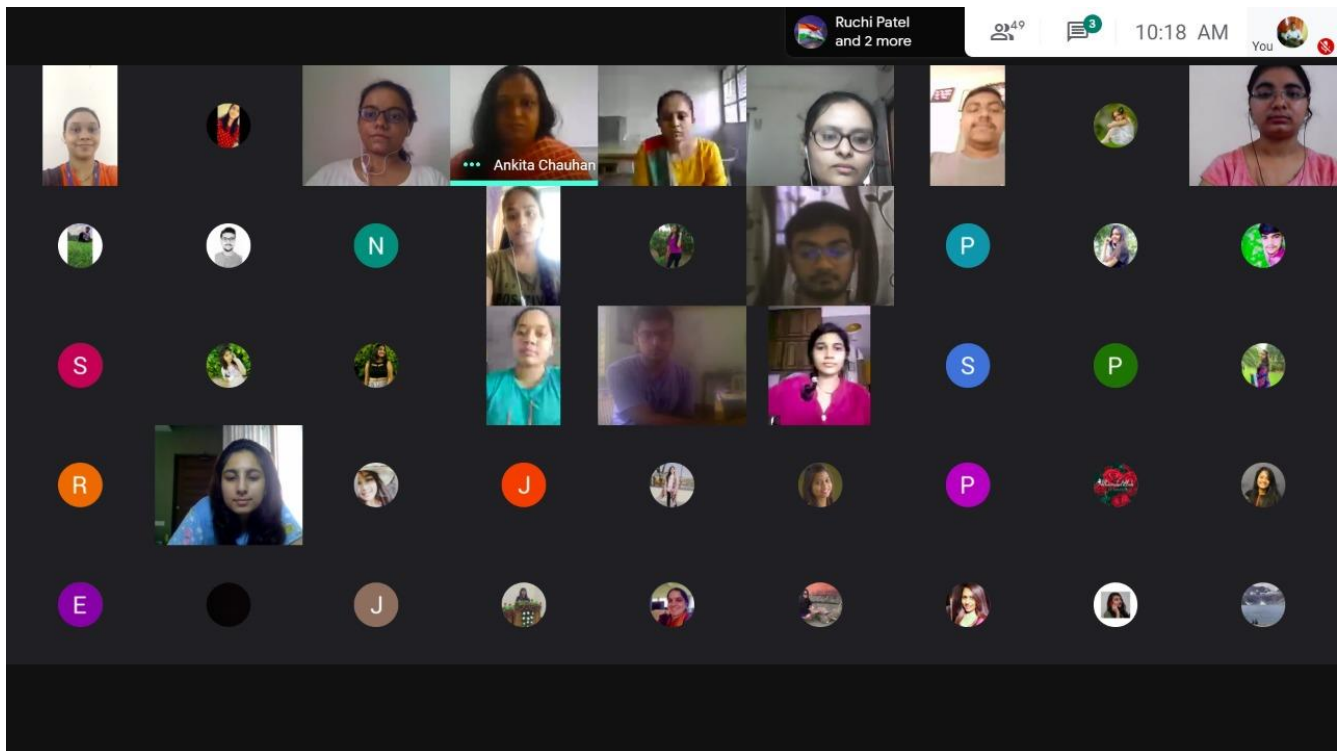
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In this One day Remote workshop on Android, we shared video links of Android app using Kotlin tutorial to the participants which were provided by Spoken Tutorial, IIT Bombay. The participants have to learn Android from those video lectures. MCQ based quiz was provided to them and participants have to attempt the quiz based on the learning outcome of that respective day.

At the end of SDP one final quiz was conducted based on the whole syllabus in which participants had to score minimum of 30% to be eligible for e-certificate. Final Exam will be organized by Spoken Tutorial, IIT Bombay for assessment of learning in October 2020 .

In this SDP, total 73 members had registered. All the topics covered were truly amazing as well as informative. We are happy to share that we get overwhelming response from the participants and were requested to arrange more such SDPs and Workshops. We are thankful to our Principal, Prof. Dr. Archana Nanoty madam and CVM for providing such opportunity to conduct such SDP for enhancement of Students and gain knowledge in such a pandemic situation.

Students' Feedback:

Keep doing such type of excellent events. Waiting for an announcement of next event.

----**Jay Modh- Shree Swaminarayan Institute of Technology, Gandhinagar**

An excellent arrangements and proper execution of all activities. Thanks to organizing team of MBIT.---**Kishna Dholakiya-Gyanmanjari Institute of Technology, Bhavnagar**

It's very nicely coordinated. Instructions are clear and precise and coming right on time. No interruption at all even it is organized on online platform.---- **Krishnal Lalpurwala -SVIT, Vasad**

All staff members were very polite and supportive, answered all the queries and doubt without any hesitation.----**Laxam Bhatt -Gulzar Group of Institute, Delhi**

It was really a good experience to learn everything by watching and listening by own. Flow of the lecture series was properly drafted and presented.---- **Shubh Patel-Neotech Technical Campus, Vadodara**