

Report of STTP on “Android Programming a hands-on Approach”

Computer Engineering Department of GIDC Degree Engineering College, Abrama, Navsari has Organized one week STTP on “Android Programming a hands-on Approach” sponsored by Gujarat Technological University (GTU), during 24th-28th December, 2018. This STTP was hands-on program which is designed for providing essential skills and experiences to the students in developing applications.

Inauguration of STTP were commence with Light Lamping. In this Inauguration, Trustee member CA Shri. Vinodchandra G. Desai accompanied by Principal Dr. N. D. Sharma were present. In addition, HoDs, faculties from all departments were present along with students of the college. CA Shri. Vinodchandra Desai has delivered blessing address and motivated students to actively participate and learn new technologies with Morden era. Principal Dr. N. D. Sharma welcomed all participants and the expert Dhaval A. Mehta, Team Leader from HKSOFTRONIX, Vapi. Prof. Archana Nayak, Head of Computer Department, introduce about the STTP. She gave brief information about Android.



On Day 1, expert Dhaval A. Mehta, Team Leader, HKSOFTRONIX Vapi gave brief introduction about an Android operating system. In addition, he teaches participants to make first application in android.

On Day 2, Prof. Pragnesh Patel, Lecturer of Government Polytechnic for Girls, Surat, conducted Interactive hands on session on Shared Preferences in Android Applications. He teaches participants about utilisations of Intents and Activity in android applications. In addition, Prof. Kushal Patel conducted hands-on session on various Android Layouts and UI Controls and its application in various android Apps.

On Day 3, Prof. Kaushik S. Patel conducted Interactive hands on session on SQLite Database manipulation in Android Application. Participants learn how data can be inserted, deleted in Applications using SQLite Database. In addition, Prof. Brijesh Patel conducted session on utilisation of GPS and Google map in Android application. Participants used their mobile phone to run their developed applications.

On Day 4, expert Vivek S. Patel, conducted hands on session on AsyncTask and Read/Write Data to/From Webserver in Android App. Participants learn how data can be inserted, deleted, updated in Android Apps using Web Services. In addition, Prof. Tejas Patel gave brief information about Firebase and its application. Participants developed an Android app that updates live data to/from cloud in Android apps.

On Day 5, expert Sandip Kalola, Head project manager and Mr. Jay Shah, Mobile Developer, TwoWords Solutions Engineering, Navsari conducted hands on session on basics of accessing a android hardware like camera, sensors etc. in Android apps. In addition, he gives brief information about publishing android app on Google Play Store. Participants learns steps to follow while uploading their developed applications in Google Play Store.

At end of the session Prof. Kaushik S. Patel, Co-ordinator of this STTP share vote of thanks to all the participants for their time and effort to learn the basic android programming. In addition, he thanked to all who made this STTP a successful one.

About 60 (58 students, 2 faculty) participants from various Degree and Diploma colleges participated in this STTP. It was organized under the chairmanship of Prof. Archana M. Nayak, Head of Computer Department, and it was

successfully coordinated by Prof. Kaushik S. Patel, Prof. Kaushal T. Kevadia, and co-coordinated by Prof. Brijesh U. Patel, Prof. Mihir A. Mishra, Prof. Kushal D. Patel, Prof. Tejas Patel.

Glimpse of STTP











