TWO Day Workshop on

"Android Application Development using MIT Platform"

No. of Participants: 38 (IEEE member: 23 & Non IEEE Members: 15)

Objective of the Program

This training program allows the students to learn the basics of programming for Android. Using the MIT platform it allows the developers to customize the mobile applications according to their requirements.

Students will be able interface and program various peripherals using the Arduino Uno. Various peripherals namely; LED display, LCD display, Ultrasonic sensor, RTC etc.

Event Report on "Android Application Development using MIT Platform"

This training program was conducted for Fourth semester students of Department of Electronics & Communication Engineering, H. K. E. Society's S. L. N. College of Engineering in association with **"R-Logic Technologies"**, Bengaluru from **21st to 22nd July 2023**.

This workshop was conducted with assistance of resource persons **Mr. Rakesh** & **Mr. Vinay** of **R-LOGIC Technologies, Bengaluru**.

The program was introduced by **Dr. Vishwanath Petli**, Professor & Head, Department of Electronics & Communication Engineering. He also explained about the training program its benefits and future scope, and asked the participants to make this workshop a success. The resource person **Mr. Rakesh** & **Mr. Vinay** were introduced by **Prof. Shilpa Patil**. Then the opening of the workshop was announced and the students were asked to make use of this opportunity.

Workshop Co-ordinators: Prof. Shilpa Patil & Prof. Bassamma Patil

Resource Person: Mr. Rakesh & Mr. Vinay, R-LOGICS Technologies, Bengaluru
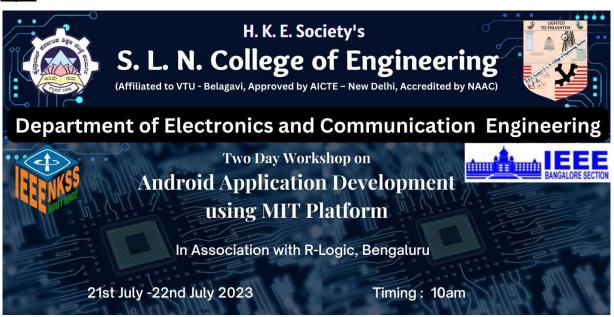
Schedule Details:

DAY-1 Session on 21st July 2023: Introduction to Arduino basics and its usefulness. The students were able to learn about how to use some basic electronics components such as LEDs, LCDs, Buzzer etc., The participants were also able to write program and interface the Arduino board.

In the Afternoon session the MIT tool was introduced to the participants and its uses in development of the mobile application and why it is the most popular tool available for the application development. The MIT tool works with the users existing Gmail account.

DAY-2 Session on 22nd July 2023: MIT tool offers an intuitive, Visual-programming environment which enables everyone to develop fully functional apps for smart phones and tablets. Hands on learning on some mobile application design. Some of the design includes calculators, text-to-speech and so on.

Valedictory: On behalf of staff and students **Prof. Bassamma Patil** spoke of the success of Two-Day workshop, thanking the resource person, Management, Principal, HOD & Staff of E&CE, Students and the workshop coordinators for making this program a success. Feedback was given by Ms. Gomini Kori, Mr. Akshitij Agarwal, Ms. Sana Begum, Ms. Omaima Noorain, Mr. Akash K T, Ms. M Akshatha on the workshop organized. Then the workshop was officially closed.

Flyer

Glimpses