

## IEEE

KSIT has IEEE student branch from the year 2002. It has created a platform for the students to get better placement, improvement in Communication, Organizational & leadership skills. It has also enabled them to get information about technology advancements happening globally.

Women-in-Engineering Affinity group started at KSIT in the year 2014. It gives an opportunity for girls to exhibit their hidden talents. IEEE KSIT students have conducted everything by themselves to conduct several events from last three years.

### a) IEEE Activities:

1. Technical activity named, "ELEMENTS" during Oct 2013
2. Technical activity named, "OPTIMUS" during April 2014
3. Technical activity named, "RENNAISSANCE" during Sept 2015
4. Robotics workshop during 26th Sep 2015
5. Seminar on wireless communication
6. Technical activity named, "ADROIT" during Feb 2016
7. Humanitarian activity done during Jan 2017
8. Arduino workshop during Feb 2017

### HUMANITARIAN ACTIVITY DONE ON 21<sup>ST</sup> JAN 2017

A visit to orphanage-DESIRE Society was conducted by the KSIT IEEE Student Branch in association with IEEE Bangalore Section on 21st January 2017. The orphanage had kids infected with HIV virus. The kids present there were of all ages, they were provided education in the society itself by the teachers voluntarily.



Mr.Sanketh teaching the orphanage kids

Ms.Varsha, STB Chair & Pavithra, WIE Secretary mingling with orphanage kids

If we have passion for achieving anything there's no one or nothing can who can stop us from achieving it. As this saying goes, even though these kids were infected from HIV virus they were much talented, one wanted to become a dancer, another a footballer. Those kids were mastering the art they were passionate about.

IEEE members had organized few fun events to make the kids happy as well the kids were taught few curriculum things as a part of kids tutorials.



Photos of IEEE members conducting the fun events with the kids

The kids taught the members with dedication and devotion we can achieve whatever we want and there is nothing that can stop us. Those kids were the live examples and provided motivation to the IEEE members.



Photo of IEEE members and the kids in the orphanage

### **ARDUINO WORKSHOP CONDUCTED DURING FEBRUARY, 2017**

Two days workshop on **Arduino** was conducted by the KSIT IEEE Student Branch in association with **IEEE Bangalore Section** and under the collaboration of **ROBO MINIONS** on **19<sup>th</sup> and 20<sup>th</sup> February 2017**. An introductory speech was given by Sindhu H, WIE vice chair which included the welcoming of guests and agenda of the workshop.



Sindhu H introducing Guests



Participants of workshop

The speaker was Mr.Dhananjai Sharma who taught the students about the Arduino and the language used for coding the Arduino board. He taught students do the robots using microcontroller as well as without microcontrollers. Mr. Sharma and his team taught different types of robots like phototropic, photophobic, line follower, obstacle avoiding, gaming pad controlled robots, joystick controlled robots, mobile controlled robots and many more.



One of the team designing the robot






Photo of participants who actively took part in the Workshop

The workshop helped to co-ordinate and within a team to create different robots using the Arduino board. Around 35 IEEE students & 45 non-IEEE members took part in the workshop.

# IEEE KSIT SB ACTIVITIES CONDUCTED

## - JAN TO MAY 2019

SL. NO	EVENTS	PHOTOS
1	Faculty Development Program on "Aspects of Effective Programming and Research"	
2	Technical talk- Artificial Intelligence & Machine Learning - Industry Trend	
3	Marathon 5K -AASARE	

4	Women's day celebration	
5	AASARE - visit to government school	