



# **KINGS**

## ENGINEERING COLLEGE

Irungattukottai, Sriperumbudur, Chennai – 602117, India.

### Go GREEN Online Paper & Poster Presentation

Theme : “My Institution to Make My Campus Green and Eco Friendly”

#### Event Report

19.02.2021

All the Department of Kings Engineering College organizes Go GREEN Online Paper & Poster Presentation for the Theme: “My Institution to Make My Campus Green and Eco Friendly”, associated with ELECTRONICS CLUB in Kings Engineering College Chennai on 19.02.2021 at 02.00 p.m to 04.00 p.m

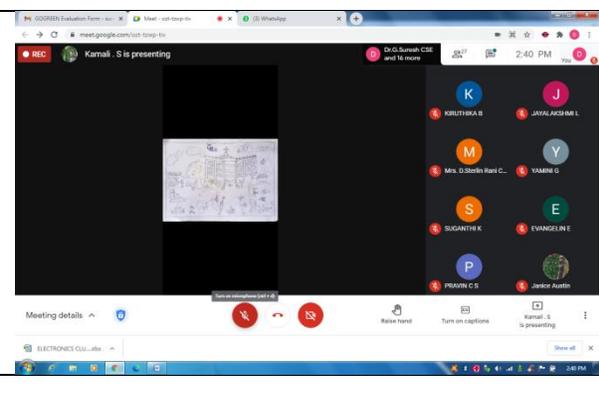
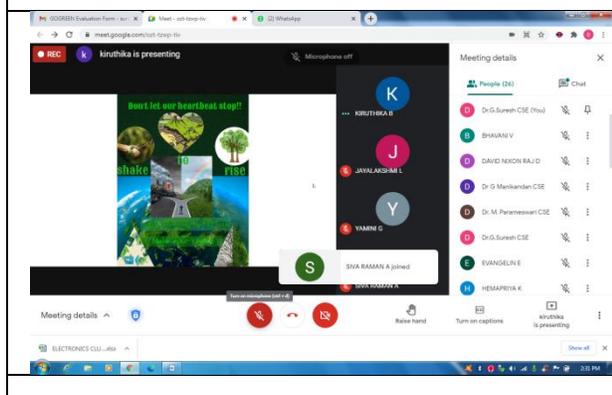
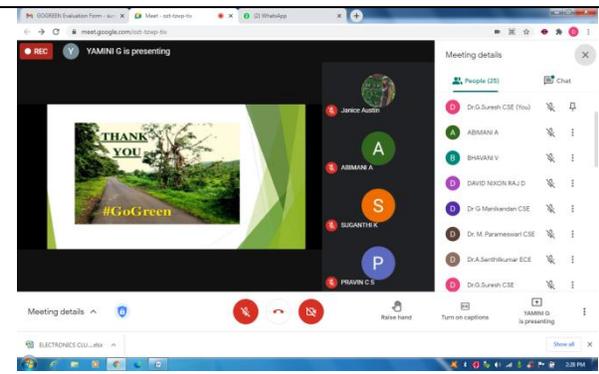
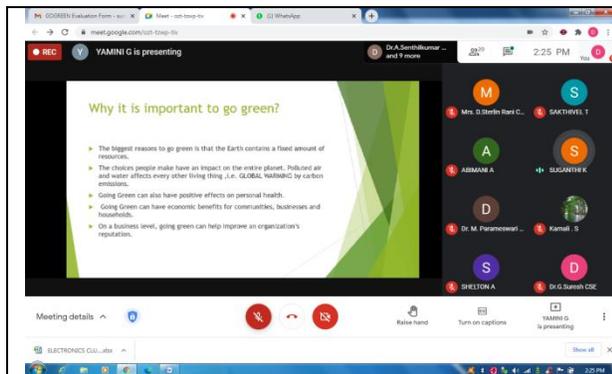
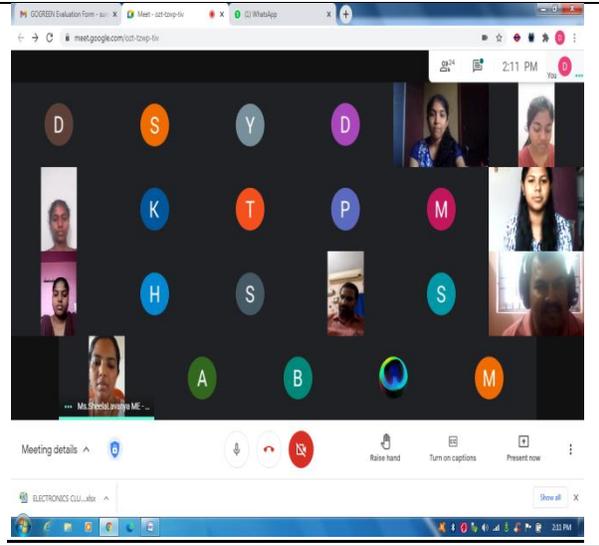
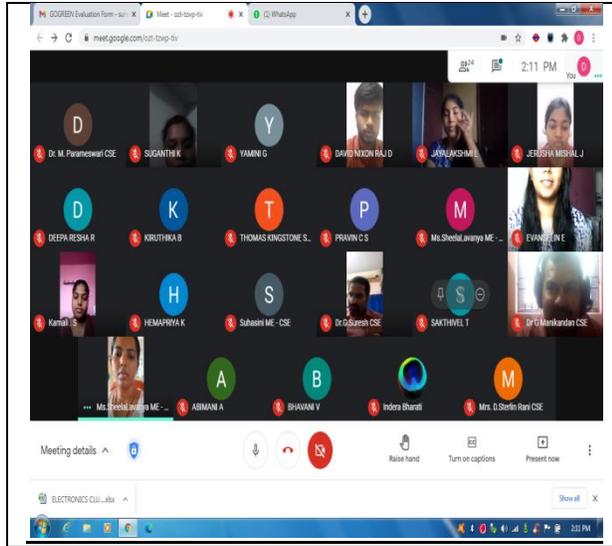
The program was beginning with Prayer and welcome address was given by Dr.A.Senthil kumar, Coordinator of ELECTRONICS CLUB and Dr.T.John Oral Baskar, Principal, Kings Engineering College delivered the special address for the event.

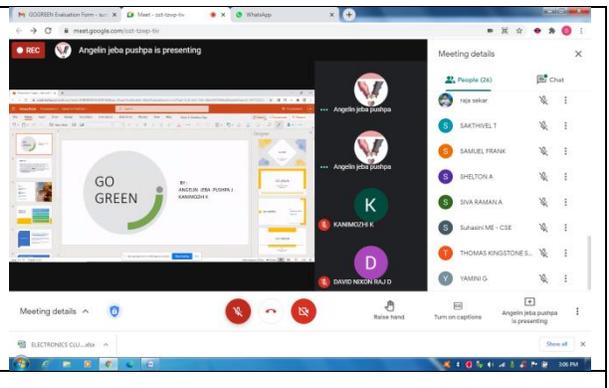
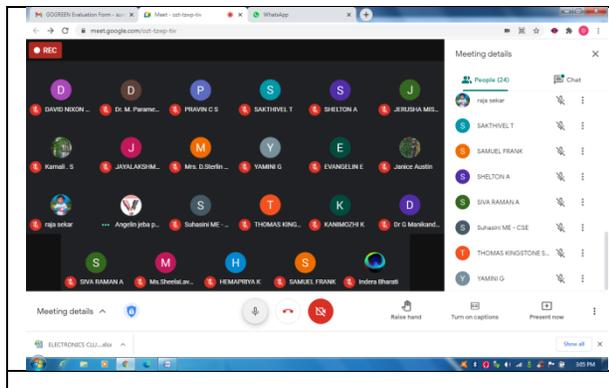
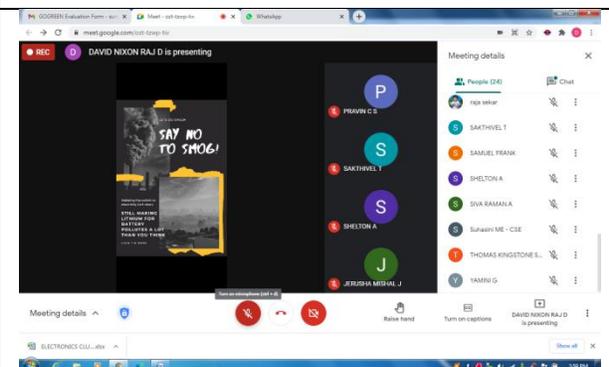
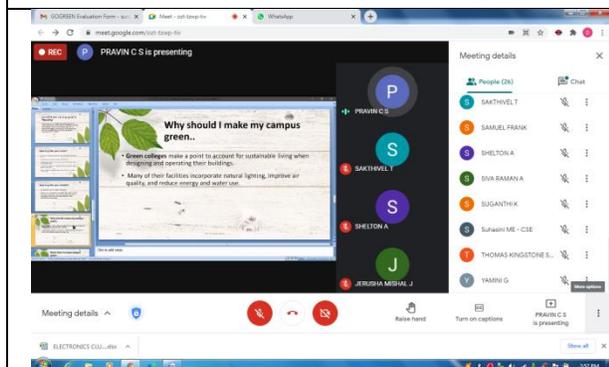
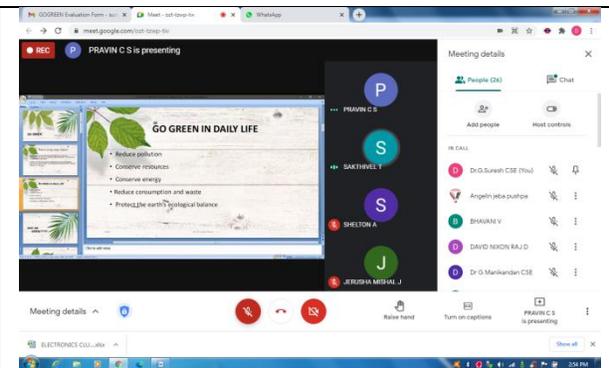
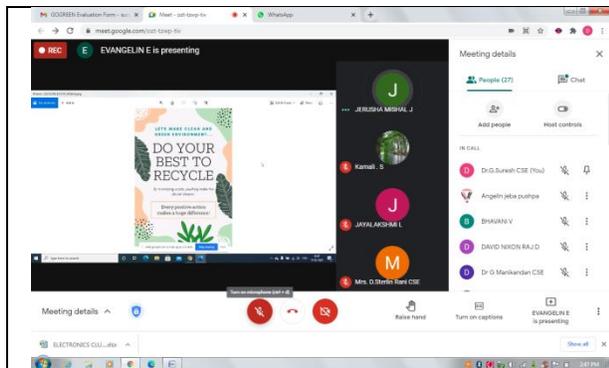
From the entire department around 180 Students from all the year students are resisted for this events in that around 146 students and Staff members are participated and presented their innovative ideas and thoughts in paper and poster presentation about the theme Go GREEN “My Institution to Make My Campus Green and Eco Friendly”. Head of all the Departments are invited to act as jury based on their evaluation report awards are declared and participant certificates are send through online, Some of the points are noted from their presentation, they are

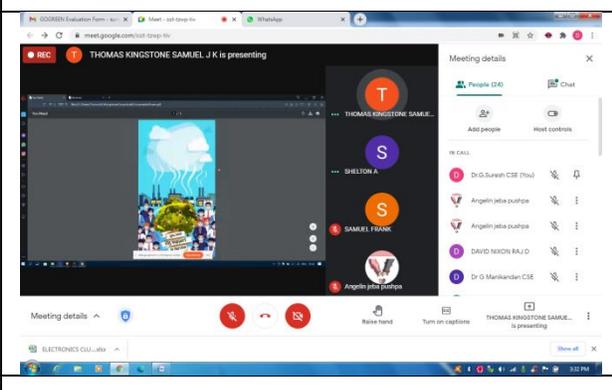
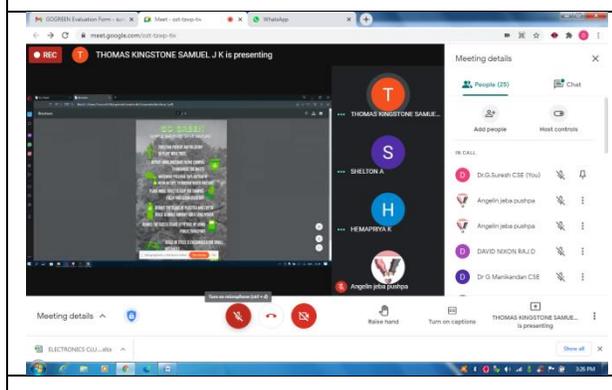
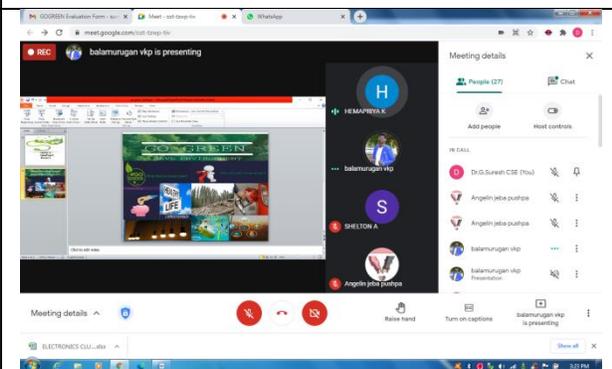
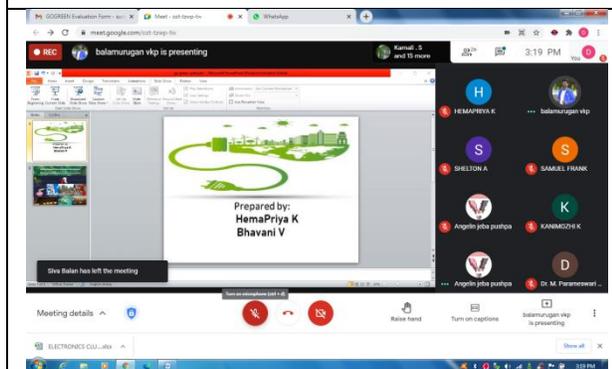
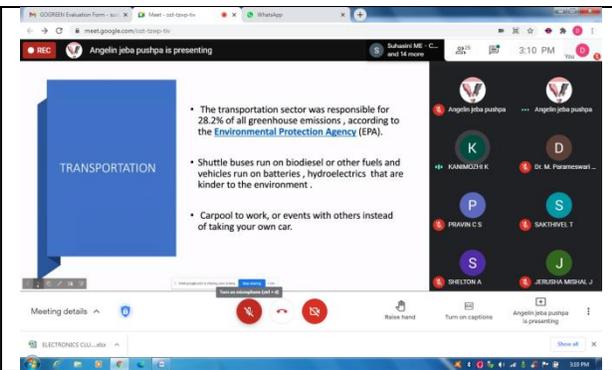
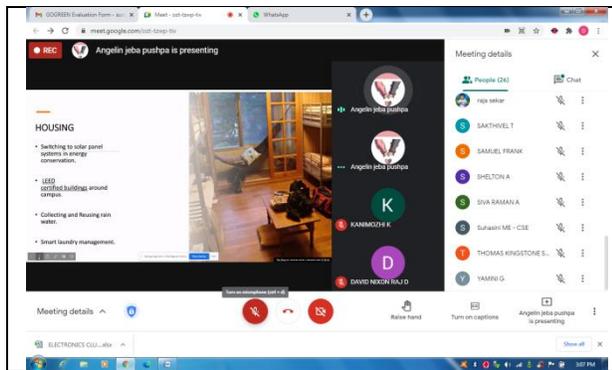
1. Installed pressure pipes for water taps this will be helpful to avoid water leakage.
2. Use Smart Dustbins from the campus to collect the wastes.
3. Eco friendly transportation facility to be used in the campus.
4. To be plant more trees in and around the campus to maintain green campus.

Finally coordinators from the entire Department for all the sessions gave the vote of thanks and successfully ended the event.

## Photo gallery







Inbox (87) - yuvaraj@kings.edu... Meet - fib-bzgc-xze

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Sample Certificate



# KINGS

Electronics  
Club

## ENGINEERING COLLEGE ELECTRONICS CLUB

### Preamble

Electronics club is the student run organization that strives to impart enthusiasm and passion for electronics and allied fields among students of ECE. The club aims to cater to the various needs that are primal to be addressed to keep in pace with the ever evolving field of electronics. The club aims to uncover those key topics that are not part of the curriculum. The functions of the electronics club are to deal from basics of electronics to the peak of it. This club, for sure, will help the students not only in their studies but also in their career.

### What is Electronics? Why do we need Electronics?

Electronics is a modern branch of science which is deeply rooted in to every aspect of human life. It has become a part of our day to day life. Now we can't even expect a day without it. Starting the day with a small alarm till ending the day with a bed lamp involves electronics. "Electronics is clearly the winner of the day", said a famous scientist John ford.

### Objectives of Electronics Club

The main objectives of our club are:

- ✓ To explain the concepts of electronics in a practical way and help them to gain knowledge.
- ✓ To provide a platform for the students to give a shape to their innovative ideas.
- ✓ To expose the students to the latest technological advancements in the field of electronics.
- ✓ To provide the students with thought provoking questions & makes them to think about it.
- ✓ To provide a hands on training for students.
- ✓ To provide a virtual bridge between the global industries and the department.

## **How to meet the objectives**

- We show them the video clippings and java based content which help in better understanding.
- We will ask them about their area of interest and help them to develop their ideas.
- We update them with each and every technical advancements happening around the world.
- We will take up mini projects and make them to work on it.
- Through our contacts we will invite the officials of several global electronic industries to have seminars.

## **Functions of Electronics Club**

The functions of the electronics club are to deal from basics of electronics to the peak of it. The domains of the club are designed in such a way that it provides all-round development of a student in all aspects. Teaching the students about the various components required to build both basic and complex circuits, helping them design and built complex circuits, giving them hints and tricks to make a circuit work, detecting bugs present in a built circuit are some of the key functions of this club. This indeed helps them not only in their studies but also in their career.

## **Short Term Goals**

- In the near future we can see the students doing their final year projects on their own rather than buying them.
- To increase the number of students attending the technical paper presentations and expose them to such activities.

## **Long term goals**

- To setup a Centre for excellence in Microelectronics & Telecommunication and encourage the student and staff community to pursue research.
- To make the students competent for core jobs in the Semiconductor & Telecomm companies

## **Mission**

The Electronics Club is a hobby group that aims to teach and help students understand the seemingly incomprehensible electronic gadgets in the world today, and also assists students in developing their own devices. To this end, various lectures, workshops, projects as well as competitions throughout the year concerning both analog as well as digital electronics keep the calendar busy and the participants, learning.

In this rapidly moving world, where everyday a new technology comes into existence, it is extremely hard to keep abreast with all the technical know-how, but if our basic concepts are intact then we can aim for the top.

## **Vision**

1. Aim at bringing out the "technological best" in students.
2. The chief aim of the club is to bring the students out of their rooms and to expose them to the challenges awaiting them in the field of circuit design and hardware analysis.
3. Aim at providing students with the basic knowledge of electronics but also help them to use the basic concepts to come up with something constructive and useful for the society.
4. To conduct lecture series, workshops and also assign projects to students.

### Club Members:

S.NO	MEMBERS NAME	DESIGNATION
1	Dr. A.SENTHIL KUMAR	Co-coordinator
2	Mr. P.MUTHUKUMARA SWAMY	Member
3	Mr. A.N.DURAIVEL	Member
4	Mr. S.MUTHUPANDIAN	Member
5	Mr. A.RAGHURAMAN	Member

### Electronics Club Members:



*A. Senthil*

**Coordinator**

*Prasad*

**HOD**

*Indu*

**Principal**

# Electronics Club Activities

## Project Models Display to School and College Students





# Electronics Club Activities

## Academic Year 2019 – 2020

By using ultrasonic sensor, the line follower can detect an obstacle and can stop till the obstacle is removed. This type of robots can perform lot of tasks in industries, like material handling. These robots can be used as automated equipment carriers in industries replacing traditional conveyer belts.



# Electronics Club Activities

## Academic Year 2018 – 2019

Line follower Robot is a machine which follows a line, either a black line or white line. Basically there are two types of line follower robots: one is black line follower which follows black line and second is white line follower which follows white line. Line follower actually senses the line and run over it.



A **smoke detector** is a device that senses smoke, typically as an indicator of [fire](#). Commercial security devices issue a signal to a [fire alarm control panel](#) as part of a [fire alarm system](#), while household smoke detectors, also known as **smoke alarms**,



**Two Days IOT Training Program**



# Electronics Club Activities

## Academic Year 2017 – 2018

An **Automatic Door Opener** System is a simple project based on PIR Sensor and **Arduino**, which automatically opens and closes the **door** by detecting a person or object. You might have seen **Automatic Door Opener** Systems at shopping malls, cinemas, hospitals etc.



# Electronics Club Activities

**Academic Year 2016 – 2017**

A **home automation** system is designed which can be controlled by any smart phone. The **automation** system connects with the smart phone **through Bluetooth**. The smart phone sends control signals to switch **home** appliances ON or OFF by an android app **through Bluetooth** interface.



