

GOVERNMENT ENGINEERING COLLEGE

SECTOR-28, GANDHINAGAR-382028



REPORT

EEMOCO-2023

ELECTRICAL/ELECTRONICS BASED MODEL COMPETITION

Organized by

Electrical Section, General Department

G.E.C, Gandhinagar

May 8, 2023

A Model Competition was organized by Electrical Section in General Department on 6th May 2023, at Government Engineering College, Sector-28, Gandhinagar. Under the event “**EEMOCO-2023**”, first year students of various disciplines participated with great enthusiasm. Each student presented different concept based models made by their group and were observed and highly appreciated by the Principal and head of various departments as well as faculty members from various disciplines.

Out of a total of 29 teams registered in the event, a total of 14 teams were selected through the first and second qualifying rounds to participate in the finals. All students were awarded by a participation certificate and the three winner teams were also awarded with a winning certificate. The main objective of doing this event was that the first year students get start up related encouragement from now on and can go further in that direction and do commendable work.

Flyer of the Event


भारत 2023 INDIA
वसुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE


GANDHINAGAR
॥ कर्मण्येवाधिक कृतम् ॥


आज़ादी का
अमृत महोत्सव

GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR
GENERAL DEPARTMENT-ELECTRICAL SECTION
EEMOCO-2023
ELECTRICAL/ELECTRONICS BASED MODEL COMPETITION

Date: May 06, 2023
Time: 11:00 AM TO 01:00 PM
**Venue: Electrical Lab, Block-3,
General Department**

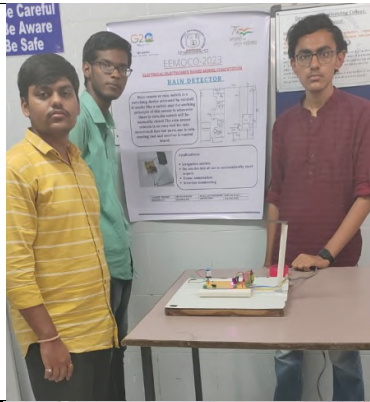



For Registration :







Event Coordinator
Prof. P. R. BHAVSAR
Prof. N.D.PATEL
Prof. S.P. AGRAWAL






Prof. Suresh R. Sharda
HOD-General Department

Dr. Sweta P. Dave
Principal, GEC-Gandhinagar

HIGHLIGHTS OF QUALIFYING PROJECTS

Sr. No.	Title	Photo	Description
1	RAIN DETECTOR		Farming application for identifying weather condition
2	TRAFFIC LIGHT SIGNAL		Complicated lighting circuit for traffic light signal
3	SOLAR CHARGING CIRCUIT		Emergency charging at power failure time
4	WIRELESS AUDIO TRANSMITTER		One audio signal transmission concept

5	MUSIC RHYTHM LED FLASH LIGHT		Musical application of power electronics component
6	AUTOMATIC TIMER SWITCH		Water saving concept with a timer based analog circuit
7	555 TIMER LOCK SYSTEM		Economical Strong locking system
8	TOUCH SENSOR ALARM		Indicate about unknown one at any private place
9	SMART FARMING		Use of technology in farming with motto of water saving

10	CAR SAFETY DEVICE(CSSD- 185)		Prevention from car accident
11	FIRE ALARM WITH SIREN SOUND		For reliable operation of fire fighting system
12	MOTION SENSOR SWITCH		Electricity saving with prevention from electric shock at wet location.
13	BUZZ WIRE GAME		Helpful in research of biomedical field for Improving the concentration level of the psychological ill patient
14	ELECTROSTATIC DITECTOR		Can identify an electrostatic signal from any unidentified object

BEHIND THE SCENES

- The event was scheduled for May 6, 2023. Then all the things began for the preparation of the EEMOCO-2023. The flyer was created. Then, as it was being shared by the faculty of electrical section with the students, the registration began on April 11, 2023.
- Registration Link: <https://forms.gle/HUoSKasHXJEjEJrW7>
- The total number of registrations: 29 group.
- Judges of the event: 1. Prof.(Dr.) J.M. Panchal (Physics)
2. Prof. D.H. Patel (EC)

**EEMOCO-2023 ELECTRICAL/ELECTRONICS
BASED MODEL COMPETITION**

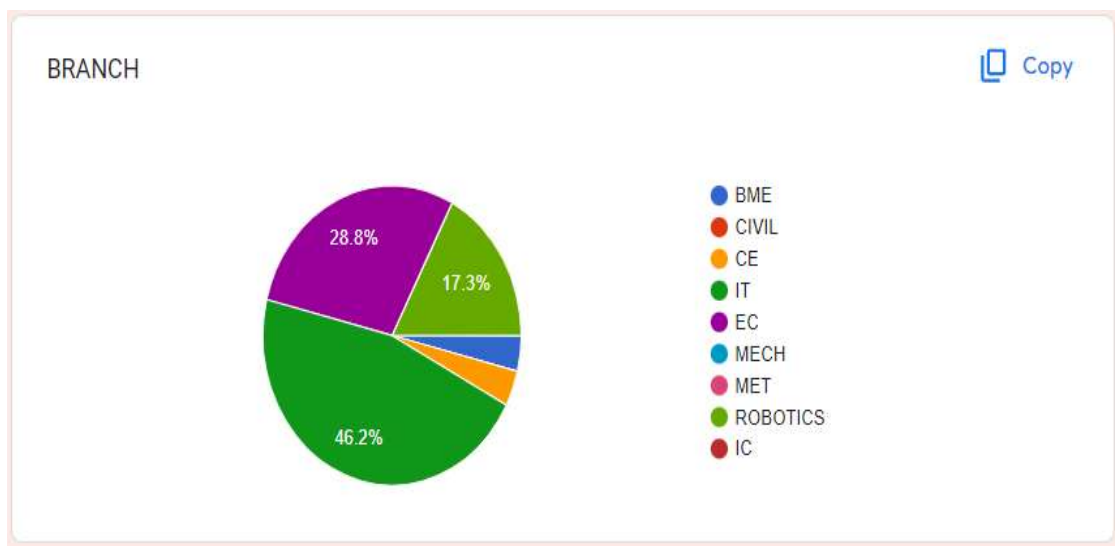
EEMOCO-2023

ELECTRICAL/ELECTRONICS BASED MODEL COMPETITION IS ORGANISED BY GENERAL DEPARTEMENT(ELECTRICAL SECTION).
THOSE GROUP OF STUDENT ARE INTERESTED TO PARTICIPATE IN ELECTRICAL CUM ELECTRONICS PROJECT, FILL UP THE DETAIL GROUP WISE.
YOU HAVE TO PRESENT A WORKING MODEL WITH A 1.5X3 FT FLEX POSTER ON THE DAY OF COMPETITION.

Email *

Valid email

This form is collecting emails. [Change settings](#)



FEW CAPTURED VIEWS



FEEDBACK OF THE EVENT

All participants have given the online feedback regarding the event and cooperation form department.(<https://forms.gle/B1BxfYeedh5JVmLq9>)

Full Name(For Certificate purpose):

RANA JAINAM DILIPBHAI

DISHANT PAL

AGRAWAL DHANESHKUMAR RAKESHBHAI

JINJALA ROHIT VANRAJBHAI

ARJUN BHALIYA

GOVIND SHARMA

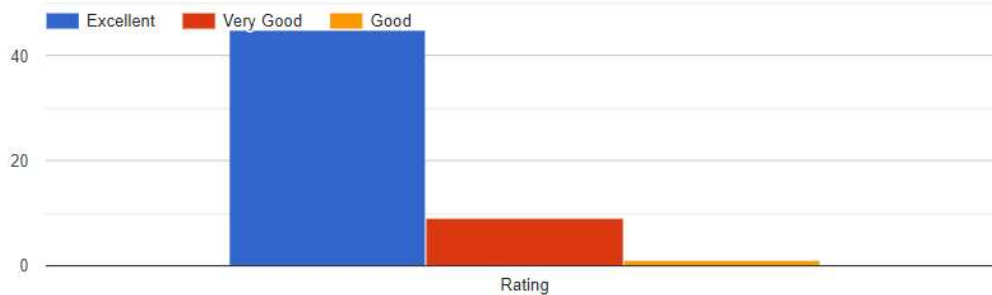
PARMAR SANKETKUMAR BALUBHAI

KHARADI RAJKUMAR DINESHBHAI

MEET JIVANI

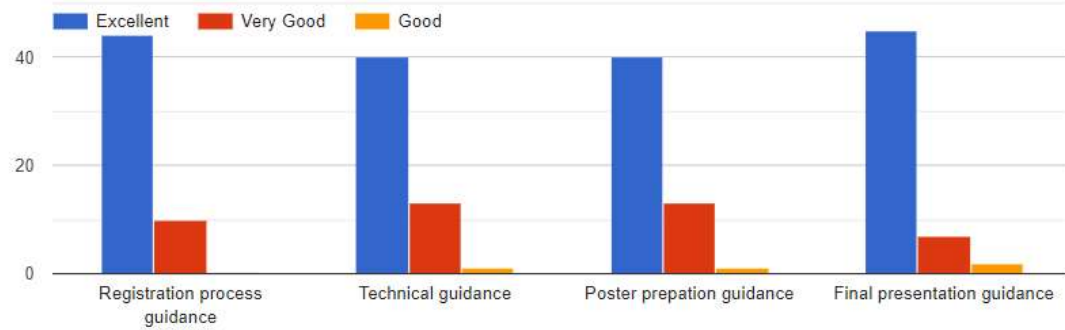
How Interesting was The event ?

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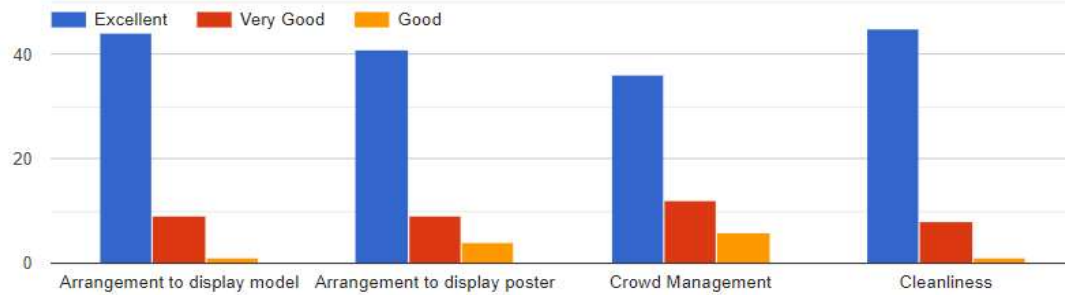
Guidance level from Coordinators

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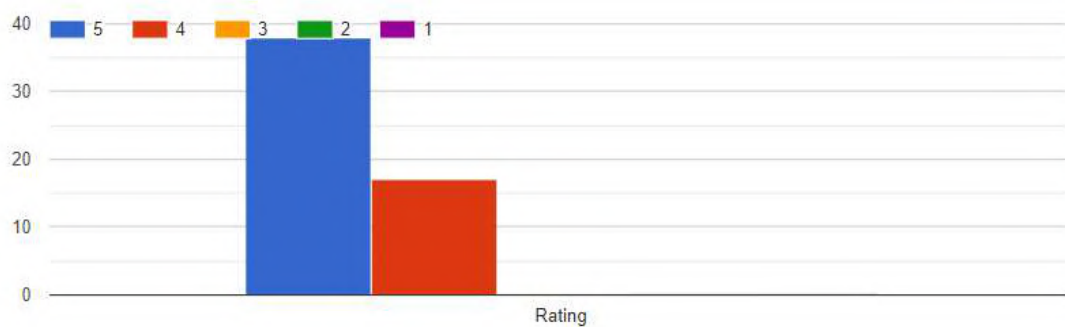
Participation venue feedback

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Overall Rating:

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CERTIFICATE FOR THE PARTICIPATION

This is the e-certificate provided to the students for participation in the event.






CERTIFICATE FOR THE WINNER

This is the e-certificate provided to the students who got the 1st, 2nd and 3rd rank



CONGRATULATION TO THE WINNER

Rank	Title	Student Name	Enrollment No	Team
1	SMART FARMING	RAVAL DIPAKBHAI	220130111107	
		PATER SHAURYA JASMIN	2201301111087	
		BHADANIYA YUVRAJ BHARATBHAI	2201301111011	
		TUSHARBHAI DIPAKBHAI RATHOD	220130111106	
2	CAR SAFETY DEVICE	ADITYAKUMAR PRAJAPATI	220130103001	
		RAVAL MILINDKUMAR YOGESHBHAI	220130103005	
		HET GIRISHBHAI JETANI	220130103002	
		DHRUVI GHANSHYAMBHAI PRAJAPATI	220130103004	
3	MOTION SENSOR SWITCH	SAUMIL JANI	220130111120	
		CHRISTIAN TIMSI H	2201301111024	
		KHATIK UTTAM PANKAJBHAI	2201301111054	
		HETVI SHAH	2201301111036	

EVENT ORGANIZED BY

Dr. Sweta P. Dave (Principal, GEC-Gandhinagar)

Prof. Suresh R. Sharda (HOD-General Department)

Event Coordinator

Prof. P. R. BHAVSAR Prof. N. D. PATEL Prof. S. P. AGRAWAL