

Sarvajanik Education Society

Sarvajanik College of Engineering & Technology Towards progressive civilization...





COIN 2020

(15th – 16th October)

Organised by

INSTRUMENTATION AND CONTROL DEPARTMENT

UNDER THE BANNER OF
KSHITIJ 2020





"COIN 2020" was held under "KSHITIJ"- a State level Tech Fest which has been providing a podium to showcase and enhance the technical skills of the innovative engineering minds since last 15 years. 2020- the year of misfortunes and horrendous incidents had thrown a lot of challenges of people belonging to various sectors and sections of society. In spite of such conditions Instrumentation and Control Department has strongly come together and successfully conducted the first ever virtual tech fest in the history of KSHITIJ through collective efforts. All the events were conducted online on different platforms. We not only got the registrations from the students of Sarvajanik College of Engineering and Technology, but also from other institutes of Gujarat.

The students of the Instrumentation and Control Department through their technical and managerial prowess once again proved that no adversity can break their will and vision to excel in life.

COIN, a departmental event of Instrumentation and Control Department is conducted annually by the students of the department under the guidance of the faculty members in order to enhance the event management, communication and leadership skills of the students.



Each event was virtual, making it feasible to the students from other institutions as well. The Fest comprised of 8 Technical-Events and 2 Non-Technical Events

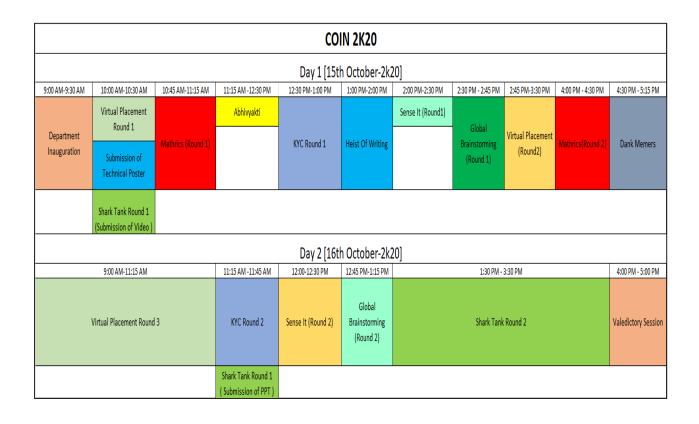
TECHNICAL EVENTS

- Abhivyakti
- Global Brain Storming
- ➤ Know Your Controller
- Mathrix
- > Shark Tank
- > Sense It
- Technical Poster
- Virtual Placement

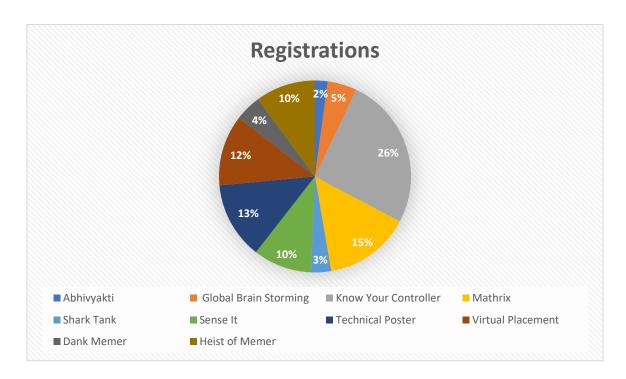
NON-TECHINCAL EVENTS

- Dank Memers
- Heist of Writing

SCHEDULE OF COIN-2020



REGISTRATIONS PER EVENT



We had received around 400 registrations in total which included students from SCET and other technical institutes of Gujarat.

Event Name	Number of registrations
Abhivyakti	14
Global Brain Storming	19
Know Your Controller	99
Mathrix	56
Shark Tank	13
Sense It	38
Technical Poster	50
Virtual Placement	46
Dank Memers	17
Heist of Writing	39

ABHIVYAKTI



Abhivyakti was an event that enhanced analytical and critical thinking skills. This competition gave exposure to various domains pertaining to automation, new technology and industrial application. Alongside the technical knowledge that the participants gained while preparing for the topics, this event gave them a chance to improve their communication and presentation skills.

In this event participant were asked to show their presentation skills through mode of power point presentation on the provided topics. They were given 10 minutes to complete their topic and presentation.

This event had a total of 14 students participating. The Winners of this event are

Rank	Name	Department	College
1	Neha Tiwari	IC-3 rd year	SCET
	Nishu Tiwari	IC-4 th year	SCET
2	Mansi Rajput	IC-2 nd year	GEC Gandhinagar
	Namrata Tiwari	IC-2 nd year	GEC Gandhinagar
3	Gunit Malhotra	IC-3 rd year	SCET
	Jinal Rajpurohit	IC-3 rd year	SCET

GLOBAL BRAINSTORMING



This event had a total of 19 students participating

ROUND 1: BOUNDARY

In this round, participants were given mathematical questions based on BODMAS, linear equations in one variable, area and perimeter and various basic questions.

There were 3 questions and every question included number of mathematical problems based on the countries name.

ROUND 2: COPPER

In this round two teams were brought to a face to face battle of ATLAS. From a group of two, both had to mutually decide who is going to play ATLAS and who is going to solve the mathematical equations.

ATLAS is a game of countries. In this, whoever gets the letter S starts the game by telling a country from the initial S and the word that comes at the end of the country's name is the initial for the second and so on. So, in this game everything was same but where we made

the changes was that if the initial gets repeated then on whomsoever it falls off shall be the one solving problem based on Probability and Permutation & Combination. Hence, after this round we got our final winners.

Rank	Name	Department	College
1	Yashu Sarawagi	EL- 3 RD YEAR	SCET
	Janmay Trivedi	EL- 3 RD YEAR	SCET
2	Hanav Baxi	IC 4 TH YEAR	SCET
	Harsh Hiteshbhai Patel	IC 4 TH YEAR	SCET
3	Namrata Tiwari	IC 2 ND YEAR	GEC, Gandhinagar
	Pallavi Solanki	IC 2 ND YEAR	GEC, Gandhinagar

KNOW YOUR CONTROLLER



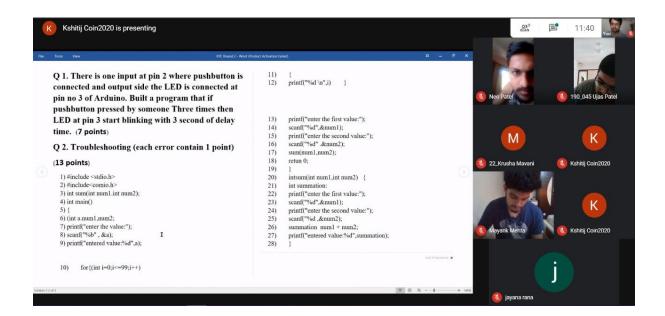
Know Your Controller event had two rounds.

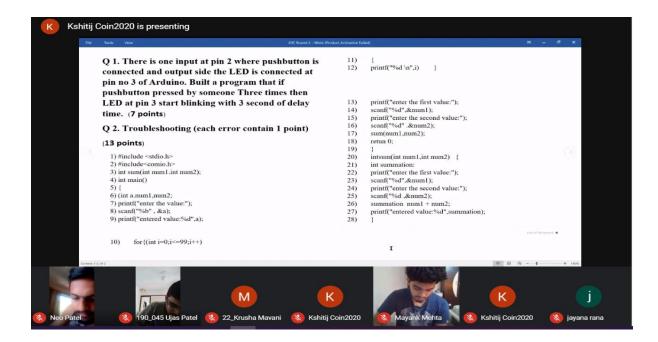
Round 1- Quiz-o-control

First round held through online quiz with the help of Google form. There were 15 minutes for 15 questions.

Round 2- Trouble shooter.

Second round was held online on Google meet. In which the selected participants from the first round were given the task to write down the answer of two problems.





This event had a total of 99 students participating. The Winners of this event are

Rank	Name	Department	College
1	Ujash Patel	EC 2 nd year	SCET
2	Nirav Patel	EC 2 nd year	SCET
3	Mayank Mehta	IC 3 RD year	SCET

MATHRIX



We are the Mathrix team like to inform you about the success of the event of Mathrix coin 2020. We had total 56 participants.

Round 1- Brainstorming

In 1st round we gave them total 20 question on basic engineering mathematics and given them 30 min to complete the round 1.

Round 2- Sudoku

Out of the total participants, only 7 participants got selected for the 2nd round which is block out in that we conducted sudoku. There were total 2 questions of sudoku and participants have to do that in 30 min of time. So, after that we got our winner and had a tie for 3rd position.

The winner list is as follows-

Rank	Name	Department	College
1	Ahir Madhavi	CO 4 th Year	MGIRC, Navsari
	Drashti Patel	CO 4 th Year	SVIT,Valsad
2	Mansi Maheshwari	EC 3 rd Year	SCET
	Divansh Maloo	EC 3 rd Year	SCET
3	Kinjal Dhimmar	CO 4 th Year	MGIRC, Navsari
	Ayushi Patel	CO 4 th Year	MGIRC, Navsari

SHARK TANK

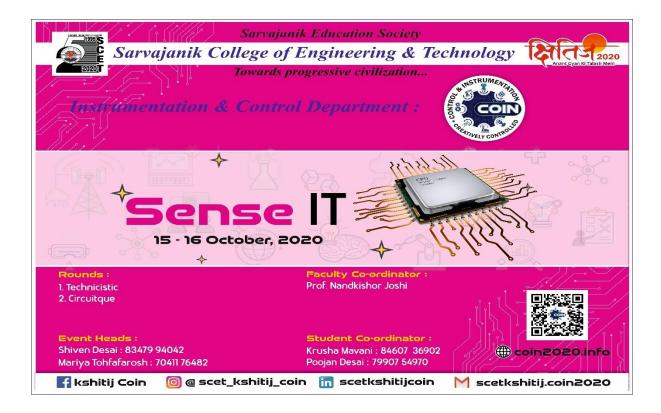


Shark tank is an event where young entrepreneurs can showcase skills. The Sharks (Judges) are looking for the best products and businesses a participant has to offer. Hopeful entrepreneurs come to the Shark Tank seeking an investment to start, grow or save their businesses. If the Sharks hear a great idea, they're ready to invest using their own money. And they'll fight each other for a piece of the action. But first, the entrepreneur must convince a shark to invest the full amount they are asking for.

In this event the 1st round was an idea pitching round where the participants have to showcase their product ideas and try to sell the product within 30 seconds to 1-minute time limit.

And in the 2nd round they were given the task to demonstrate proper business structure with revenue growth plan, marketing campaign and all the other details in brief so that the sharks could evaluate the business more efficiently. At the end after a thorough evaluation Khyati Patel (I&C -4th) was declared a winner for her Maximum Power Point Tracking Solar Cell Project.

SENSE IT



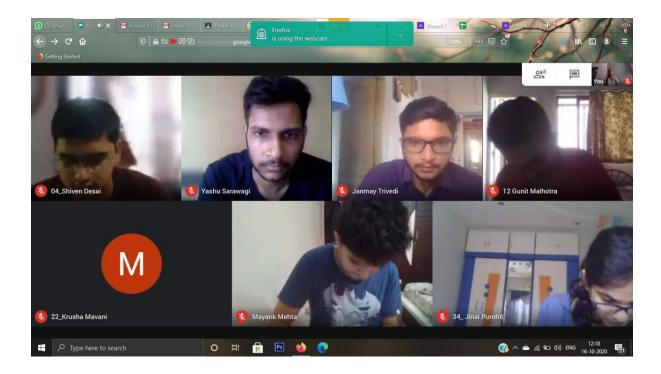
The event had in 2 rounds of 20 minutes each.

Round 1

In the 1st round, participants were supposed to solve a quiz containing 20 questions in the given time limit which were based on basic electrical knowledge.

Round 2

The event heads chose top 7 participants for Round 2. In the 2nd round participants were supposed to solve 4 out of 5 questions in the given time limit which were again based on the basic circuit theorems. The 2nd round was held via Google meet to make sure that the outcome is fair and square.



The winners list is as follows-

Rank	Name	Department	College
1	Yashu Sarawagi	EL- 3 RD YEAR	SCET
2	Mayank Mehta	IC 3 RD year	SCET

TECHNICAL POSTER MAKING



This time instead of keeping normal poster making, the event head decided to keep Technical Poster Making event in which both the technical and creative skills were showcased.

The participants enthusiastically took part in this and sent their posters on our event email id on 15th of October 2020.

Rank	Name	Department	College
1	Krupa Naik	CO 4TH year	SCET
2	Priyanshi Mevawala	CO 3RD year	SCET
3	Radhu Patel	CO 2ND year	SCET

VIRTUAL PLACEMENT

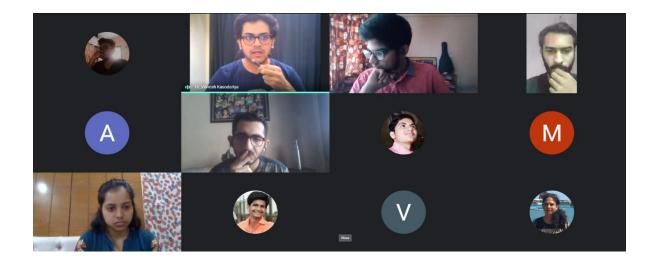


Round 1- Aptitude Test

The participants appeared in the aptitude test based on mathematical, reasoning and technical competencies. The test consisted of 25 questions and 25 minutes were provided to solve those questions.

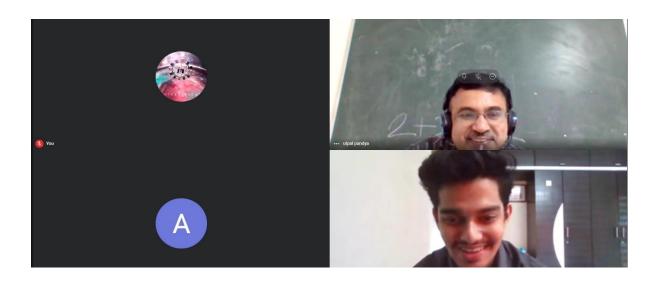
Round 2- Group Discussion

In this round, a topic was provided on contemporary situation. The aim of this round was to assess the thinking capability, articulating skills and communication competency of the candidate.



Round 3- Interviews

HR and Technical Interviews were conducted separately by the experienced jury to test these crucial competencies.





Rank	Name	Department	College
1	Yash Chauhan	EL 4 TH Year	LDCE, Ahmedabad
2	Gunit Malhotra	IC 3 rd Year	SCET
3	Mayank Mehta	IC 3 rd Year	SCET

DANK MEMERS



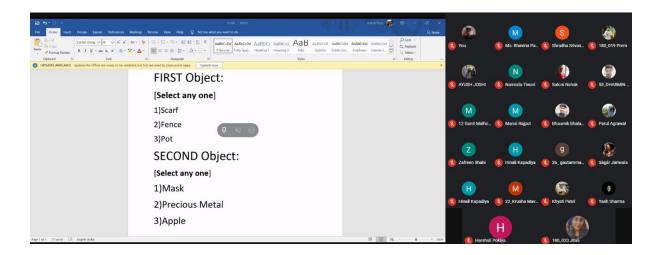
Dank Memers is a fun, Non-Tech event where the participants had to send their memes through google forms. 17 cool participants turned up for the event and showcased their dankest memes. We chose the winner on the basis of the number of likes their meme received on our Instagram page. Most of the memes were extremely hilarious and it was quite tough. Yet, following winners were declared,

Rank	Name	Department	College
1	Shradha Srivastava	EC-2 nd Year	SCET
2	Milan Golakiya	CO-2 nd (M) Year	SCET
3	Abhi Patel	CO-2 nd (M) Year	SCET

HEIST OF WRITING



In this event, participants were given random object and told to write a story with the inclusion of those objects. They were given 30 minutes and told to complete with in time. The submissions were taken via mail.

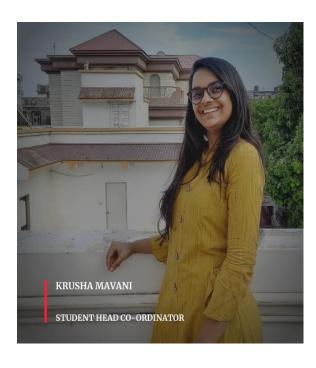


Rank	Name	Department	College
1	Shardha Srivastava	EC 2 nd Year	SCET
2	Parul Agrawal	EC 4 th Year	Rai University
3	Mansi Rajput	IC 2 nd Year	GEC Gandhinagar

FACULTY EVENT COORDINATORS



STUDENT HEAD-COORDINATORS





ACKOWLEDGEMENT

We, the COIN's Team would like to express our deepest appreciation to all the Head of the department, faculty coordinator, student head coordinators, student event heads volunteers and staff members, lab assistants, peons as organizing an event online like COIN 2020 is a task which required combined efforts and vision.

We also express our heartfelt gratitude to the enthusiastic students who participated in this fest. Without the enthusiastic support from Content writing Team, Documentation Team, Registration Team and the Marketing Team, this event won't have been a huge success. Successful execution of any event requires subject knowledge, enthusiasm and zeal-zest to excel at it.

We thank Dr Hiren Patel, Principal, SCET for his support. We would also like to thank Prof. Utpal Pandya, HOD-Instrumentation and Control engineering and Prof. Nandkishor Joshi for their constant support and encouragement and providing opportunity to organise an event. We also thank DEAN of SAWC, Prof. Dr Keyur Rana for the for the kind motivation, guidance and support.