

COIN 2019 REPORT

Date of the event: 6th-7th September,2019

Faculty coordinator: Prof. Nandkishor Joshi

Student coordinator: Scarlett Noronha, Chirag Gandhi and Brijesh Dungrani

Instrumentation & Control had organized COIN 2019 under the banner of 'Kshitij – Anant Gyan Ki Talash Mein', National Level Technical Festival. This techfest is conducted for students to improve their technical knowledge and explore their innovative and creative skills. This year COIN consisted of various technical and non technical events.

COIN 2019 was divided into three main categories of events:

1. Abhivyakti – Technical Paper presentation

2. Aavishkar – Model Presentation

3. Abhisar:

- Circuitrix
- Math-Mania
- Robo Race
- Quizzi-Bee
- Skills and Thrills
- Virtual Placement

Like every year, COIN 2019 started off with all the zeal and zest.COIN 2019, the technical fest of the Instrumentation and Control Department began with the inauguration ceremony wherein all the faculty members and student coordinator, event heads and student volunteers were present to take the blessing of the god.

Following events were organised in COIN 2019

1.AAVISHKAR

AAVISHKAR provided a platform to showcase one's talent regarding electronics and talent of making working models. It was a single round technical event. Total 9 teams containing 32 students had taken part in this event. Students had made the models with the following titles: drink dispenser, pollution monitoring drone, temperature indicator and data logger, ball balance using PID controller, robotic arm, EVM machine, water level detector and controller and speed controlling by alcohol detection.



Winners-

1.Team - Akarsh Patel, Ajit Kushwala, Krupali Kukadiya, Snehal Prajapati

2.Team - Archi Juneja, Hardik Malaviya, Yash Jinwala

2.ABHIVYAKTI

This event helped to enhance the ideas of young mind and explore their thoughts. Certain topics were given beforehand and the participants had to choose from it and present in around 15 to 20 slides their ideas and views.

The key highlight of event was that it provided students a platform to showcase their soft skills and technical information on a given subject. Also, it gave an opportunity to learn about use of voice modulation along with gestures to grab audience's attention. This event made them enthusiastic and confident about themselves. It provided them base to inculcate the technique of presentation with peer partner. There were 4 teams that participated in this event out of which 1 team was declared as the winner.



Winners-

1.Manishankar Yadav and Neha Tiwari

3.ABHISAAR

CIRCUITRIX

It was technical event which consisted of 3 rounds. Following is the round-wise description of events:

Round 1

It consisted of MCQ test based on electrical and electronics concepts. There were total 40 participants.

Round 2

In this round, questions were asked based on logic gates and the participants were asked to solve the circuit and draw it. Out of the 22 students who got selected, 15 students appeared for this round.

Round 3

This round included the implementation of circuit in which one team member was instructing the other team member in implementing by describing the circuit.



Winners-

- 1.Krusha Mavani and Khyati Patel
- 2.Naik Dweejesh and Desai Poojan
- 3.Siddharth Pacheria and Priyank Pipaliya

Math-mania

It was a technical event consisting of 3 rounds

Round 1

It was a mathematical quiz based on basic mathematics of standard 8th to 12th standard. 100 students had participated in this round.

Round 2

It was surprise round, in which a board game (snake & ladders) was combined with BODMAS equations with the participant had to solve within 30 seconds for every snake or ladder. 18 student teams were selected for this round.

Round 3

It was tic-tac toe. Simple yet an effect mind twister. Here, the participants were supposed to make a total of 15 by addition using digits 1 to 9 horizontally, vertically or diagonally. 8 student teams were selected for this round.



Winners-

1.Siddharth Pacheria and Priyank Pipaliya

1.Ijardar Jugal amd Saral Kenedi

1.Manushi Dalal

Robo race

Round 1

It was simpler round and consisted of easy obstacles. The participants had to take their robot through the path consisting of such obstacles.

Round 2

It was much difficult and had steep slopes, tilted track and many more obstacles. There were total 13 entries of which 5 were selected for 2nd round.



Winners-

1.Mansuri Mohammad and Munshi Abdul Hafiz

2.Jugal Ijardar, Vrutant Patel, Hardik Patel, Shiv Deputy

Quizzi-Bee

Quizzi-Bee was a part of Non-Tech event in Coin 2k19.

It consisted of 3 rounds.

Round 1

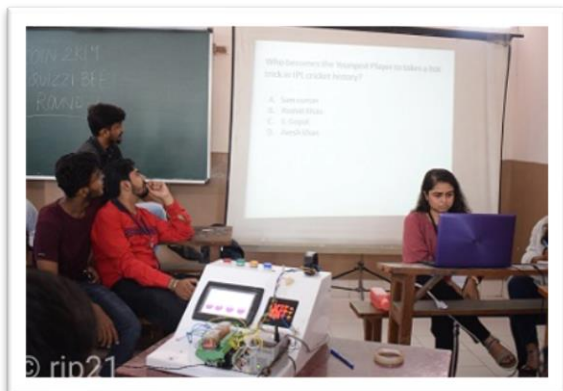
It was named Mindscape in which 4 contestant groups were made to play the event simultaneously along with the help of Fastest Finger First Buzzer made by me (Yash Jinwala) and Chirag Gandhi under the guidance of Prof. Mohan Patel. In which all contestants were asked 10 questions and based on the points scored, several groups qualified for the Round 2.

Round 2

It was named 'Inquizitive' in which all the groups were shown power-point presentation which consists of logos, symbols, personalities etc. for 1 minute and then they were given 2 minutes and 30 seconds to write what they remembered. The team who writes the maximum number of words gets qualified for the Round 3.

Round 3

It was a surprise round in which the same pattern was followed like the Round 1 but the twist and surprise was that the contestant has to drink a shot of gooseberry juice and guava juice mix before answering the question. If contestant answers before having shot a negative point was awarded to the team. 3 groups won this event.



Winners-

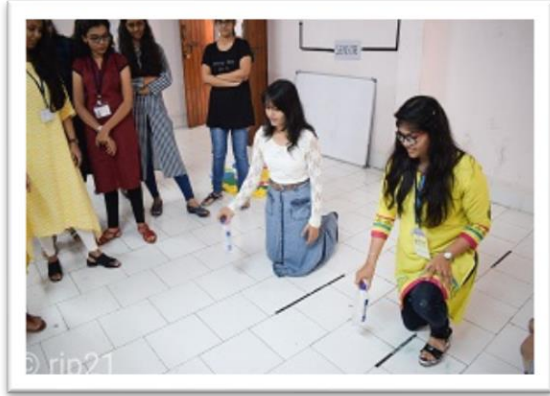
- 1.Vrushika Ijardar and Priyanshi Mehta
- 2.Nishith Gajjar and Keyur Rathod
- 3.Krutika Ravalia and Shrenik Vaidya

Skills and Thrills

This event provided a platform for the students to show their extra-curricular talents. Apart from technical skills the students have tremendous other specialty and this event aimed to showcase those. All the performances were mind blowing and the event as whole was enjoyable as a viewer. Five categories in this event

- (1) Dance
- (2) Singing
- (3) Acting
- (4) Shayaris
- (5) One-Minute Game

In this event, total 10 students had participated.



Virtual Placement

It consists of three rounds were namely:

Round 1

Aptitude Test consisted of quiz having 30 questions in consisting Aptitude, general Knowledge and Technical Questions. Maximum time of 25 minutes was provided. Total, 55 appeared for this round.

Round 2: Group Discussion

Topics for Group Discussions:

- Caste based reservation must be replaced with economic status and education of parents.
- Should there be minimum education qualification for politicians.

Total, 15 appeared for this round out of the 19 students who got selected.

Round 3: Technical Interview & HR Interview

The qualifying students from Group discussion round had to go through 2 rounds of interview and the best of them won.

Judges for technical round were Prof. Mohan Patel, Prof. Dinesh Lathiya and Prof. Bhavina Patel and for HR interview Prof. Denish Jariwala.

Total, 7 students were selected and all appeared for this round. Finally, three students were shortlisted and were declared the winners of this event.



Winners-

1.Mariya Tohfafarosh

2.Yashvi Shah

3.Vrushika Ijardar

The event was concluded by valedictory function and Price Distribution. We acknowledge and thank SCET for providing the necessary funds and infrastructure for conducting the event.