



**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE

creating an enlightened society...



Sarvajanic Education Society

Sarvajanic College of Engineering & Technology

Shri Sitaram Somani

Faculty of Instrumentation & Control Engineering

Date: 19/09/2025 & 20/09/2025

Faculty Coordinator: Prof. Nandkishor Joshi

Student Coordinator: Jay Patel, Aaryamaan Mehra



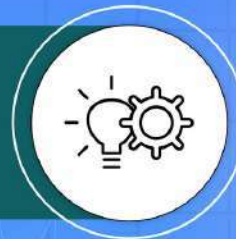
SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY



INSTRUMENTATION & CONTROL DEPARTMENT

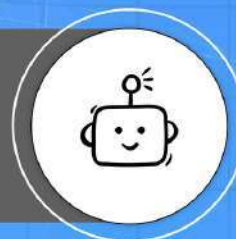
COIN 19TH-20TH SEPTEMBER **2025**

AVISHKAR



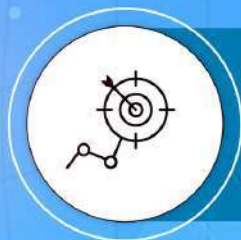
ABHIVYAKTI

ROBOGENIES



CREATOGRAM

MOCKPLACMENT



CKT HUNT

BOWL OUT



BYTE BASH

FOLD AND MOLD



SENSOR HACKATHON

Faculty Coordinator
: Prof. Nandkishor Joshi

HEAD OF DEPARTMENT
: Dr. Brijesh Naik

Website
www.coin2k25.tech



REGISTER
HERE

-: SPONSERED BY :-



Student Coordinator
Jay Patel,
Aaryamaan Mehra

coin2k25_ic

Introduction

Instrumentation & Control had organized Coin 2K25 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 and had a participation of over 750 students of different branches and different year.

There are various Technical and non Technical Events such as

→ Technical Events:

- AvishKar
- Abhivyakti
- Byte Bash
- Circuit Hunt
- Mock Placement
- Robogenies
- Sensor Hackathon

→ Non Technical Events:

- Fold and Mold
- Creatogram
- Bowl Out

INAUGURATION FUNCTION OF COIN 2025



Technical Events

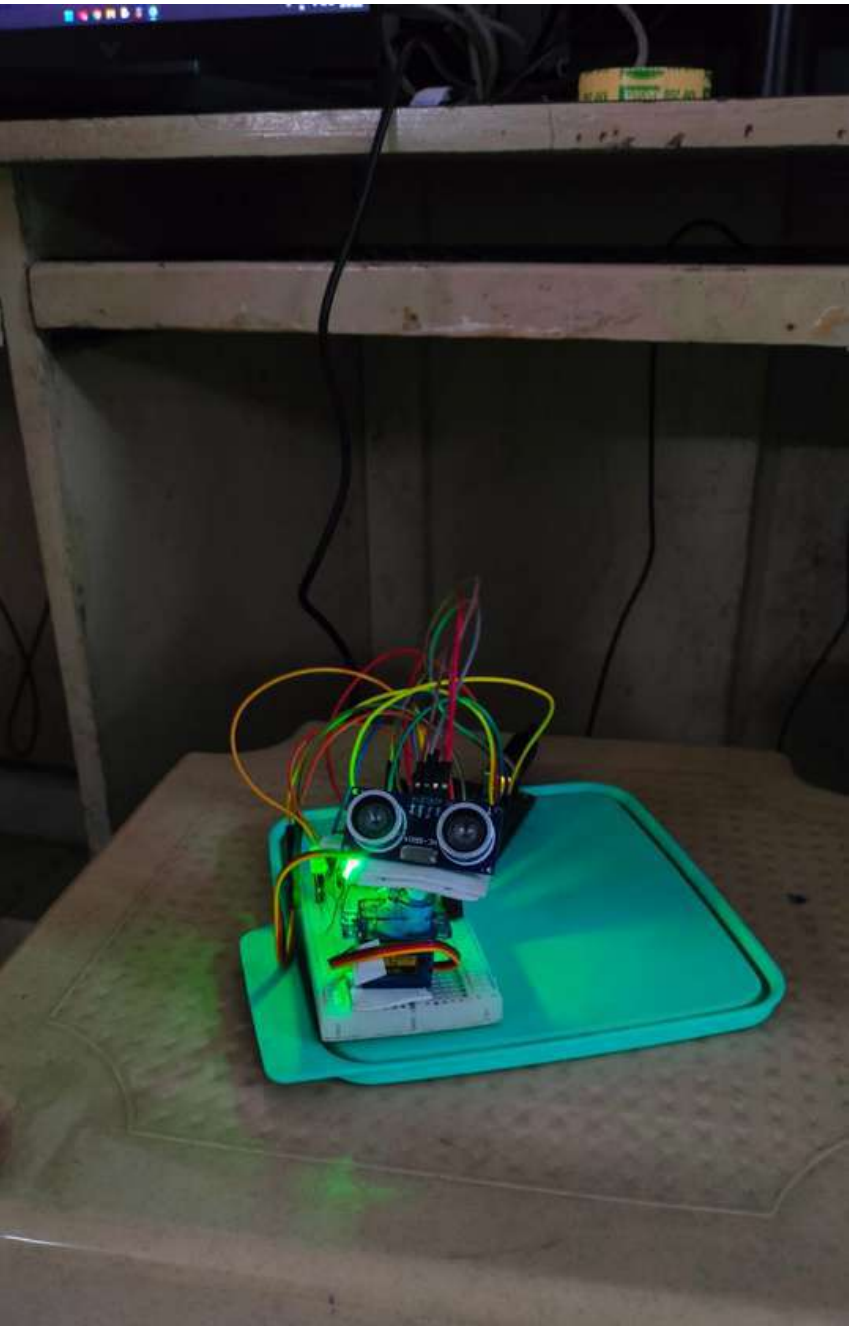
AAVISHKAR (Innovation & Hardware projects):

Aavishkar is an event aimed at fostering innovation among students by encouraging them to present creative, practical projects in the fields of Robotics & Automation and the Internet of Things (IoT). Participants, either solo or in groups of up to four, have the opportunity to showcase their technical skills through a working model.

The event emphasizes innovation, hands-on experience, and real-world application of knowledge. It helps students enhance their problem-solving abilities, teamwork, and project management skills, preparing them for future technical challenges and career opportunities in cutting-edge technology areas

Student Coordinator
No. of Participants
1st Place

Jeel Amrutiya, Utsav Gohil
18
Team RUDRA



ABHIVYAKTI (Presentation Event):

Abhivyakti is a solo event focused on empowering students to present their insights on topics like Instrumentation for Agriculture and Food Industries, Intelligent Control Systems, Biomedical Instrumentation, and Industry 4.0. Participants are required to deliver a concise presentation, sharpen their communication and technical skills. This event enables students to deepen their understanding of cutting-edge technologies and applications while practicing their ability to clearly convey complex ideas. It also provides an excellent platform for showcasing research, fostering innovation, and gaining feedback from peers and experts in the field.



ABHIVYAKTI

"Unveiling Ideas, Inspiring Minds!"

Day- 1
Time: 2:00 - 4:00
Venue: Embedded Lab

RULES :

The participants has to give presentation on the following topics:

1. Advanced Instrumentation and Control in High-Performance Motorsport
2. Advances in Biomedical Sensors for Early Disease Detection
3. Artificial Intelligence Meets Industrial Instrumentation

The Participants has to submit their presentation a day before the event



SOLO



Saakshi Champaneria : 9825571779
Nishant Shah: 9173445009

Byte Bash (Coding Event):

Byte Bash is a dynamic coding and debugging event designed to challenge participants’ programming skills, logical thinking, and problem-solving abilities. In this event, students will tackle real-world coding problems, identify and fix bugs in given programs, and optimize code for efficiency and accuracy.

Byte Bash encourages participants to think critically under time constraints, fostering quick analytical reasoning and precision in coding. It serves as an excellent platform for students to demonstrate their technical proficiency, explore different programming paradigms, and enhance their debugging strategies. Beyond competition, the event promotes collaboration, innovation, and a deeper understanding of clean, efficient code development.



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BYTE BASH
"Debug. Decode. Dominate!"

19 Sept 25'
Venue: Embedded Lab,
Time: 11:00-1:00
20 Sept 25'
Venue: F-106, Time: 9:00-10:00

RULES :
Round-1 Participants will be given questions paper with quiz related to code, (C+, Python, Microcontroller 8051, PLC)
Round-2 Participants will need to solve the given problem and fix the errors to achieve given output

Purva Patel: 9638990609
Abhik Karmakar: 9510587984

Solo



Student Coordinator
No. of Participants
1st Place
2nd Place

Purva Patel, Abhik Karmakar
55
RISHI GINOYA
KHUSHAL DHAMELIYA



Circuit Hunt (treasure hunt):

The "Circuit Hunt" is an interactive and intellectually stimulating event where participants, either solo or in pairs, follow clues around the campus to gather codes related to electronic components. The challenge involves decoding these clues, matching them to the correct components, and assembling a functional circuit based on a given schematic

This event encourages critical thinking, teamwork, and practical application of electronic knowledge. Students gain hands-on experience in problem-solving, circuit design, and collaboration, which can greatly enhance their technical skills while making learning fun and engaging. The excitement of competition and the chance to win a prize adds an extra layer of motivation.



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CIRCUIT HUNT

"Hunt the clues, solve the circuit!"

Day-2
Time : 11:00 - 1:00
Venue : III Cell

RULES :

- 1) Find the Clues: Race to find the component codes hidden across campus.
- 2) Build & Decode: Use the codes to build a circuit and decode the final coordinates.
- 3) Finish First: Be the first team to reach the final QR code to win!

Indranil Kulkarni: 8160785262
Namya Hekkad: 9081254673



GROUP (Max. 4)



Student Coordinator
No. of Participants
1st Place
2nd Place

Namya Hekkad, Indranil Kulkarni
52
Team SAGAR
Team SHIVANSH

Mock Placement:

Mock Placement is a preparatory event designed to give students real-world experience of the recruitment process. It features two rounds – an Aptitude Test to assess logical, analytical, and problem-solving abilities, and a Personal Interview to evaluate communication and technical knowledge. It also encourages participants to think critically under time same as in professional interview.

The event helps students build confidence, identify areas for improvement, and develop the skills needed to excel in actual campus placements. It serves as a valuable platform for bridging the gap between academic learning and professional readiness.



Student Coordinator

No. of Participants

1st Place

2nd Place

Hitarth Makadia,
Rohitkumar Prajapati
74
HARSHIL SONANI
NAMYA HEKKAD



Robogenies (Robotics Event):

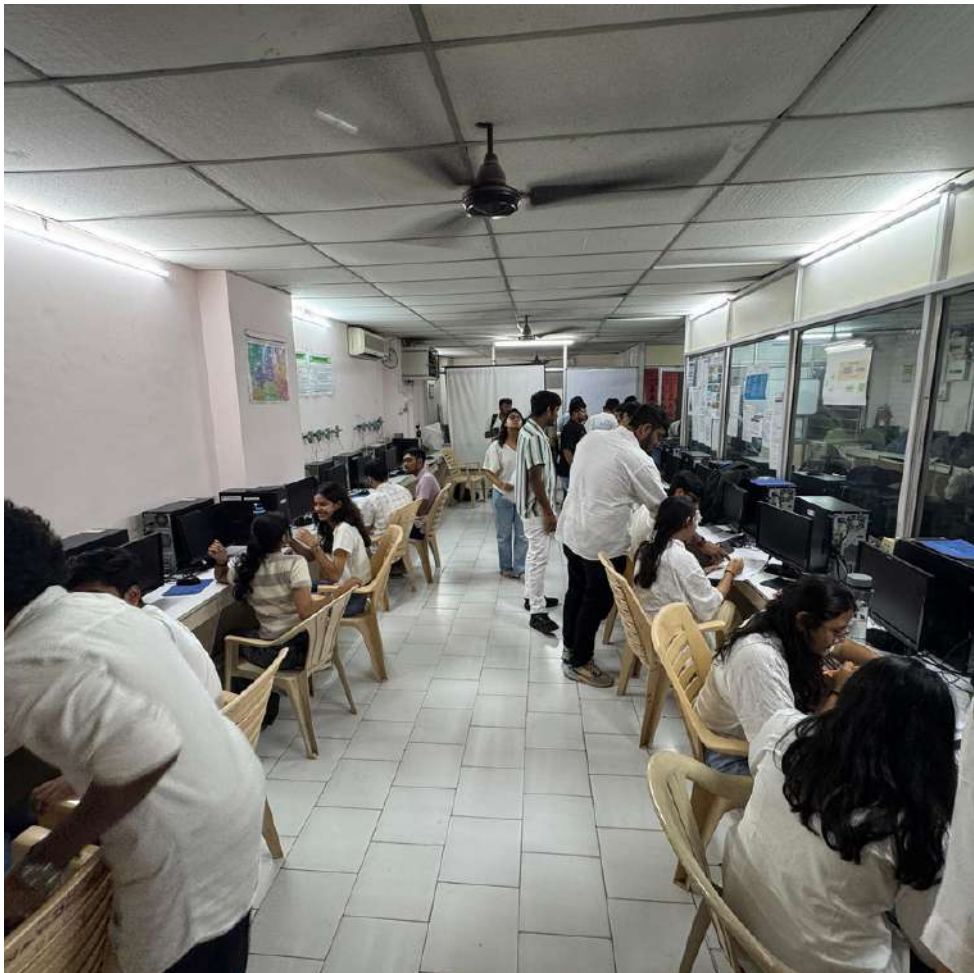
Robogenies is an engaging robotics event that tests participants’ knowledge and practical skills in the field of automation and robotics. The event comprises two rounds a Quiz Round to evaluate understanding of robotics concepts, sensors, and control systems, followed by a Hardware Round, where participants design or troubleshoot robotic systems.

This event encourages innovation, teamwork, and hands-on learning, allowing students to apply theoretical knowledge to real-world challenges. Robogenies provides an excellent platform for showcasing creativity, technical expertise, and problem-solving skills in robotics.



Student Coordinator
No. of Participants
1st Place (TIE)

Devin, Priyanshu
56
Team SHREYA
PRUTHVI (Solo)



Sensor Hackathon (IOT Event):

Sensor Hackathon is an IoT-based event that challenges participants to innovate and build functional projects using random sensors and Arduino boards. Participants brainstorm, design, and develop creative solutions that showcase the power of sensor-based automation and smart connectivity.

The event promotes innovation, teamwork, and practical application of IoT concepts. Sensor Hackathon provides a platform for students to experiment with hardware, explore real-world problem-solving, and demonstrate their ability to transform simple sensors into impactful, technology-driven solutions



**SARVAJANIK COLLEGE OF
ENGINEERING
INSTRUMENTATION AND CONTROL**



क्षितिज
Knowledge Beyond Limits

**SENSOR
HACKATHON**
"From mystery to mastery with sensors."

20 Sept 25'

Venue: Embedded Lab

Time: 9:00-11:00

RULES :

1)Each team will be given a mystery sensor kit at the beginning

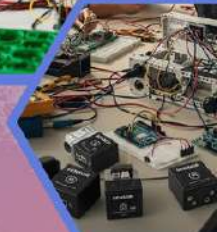
2)Teams have to brainstorm and build a functional project using atleast 3-4 sensors from the kit.

3)The system should perform a useful task (automation, measurement etc..)

4)Teams have to present their idea and a working demo of the system to the judges

Rutul Patel: 9510175369

Kalash Patel: 8469832986

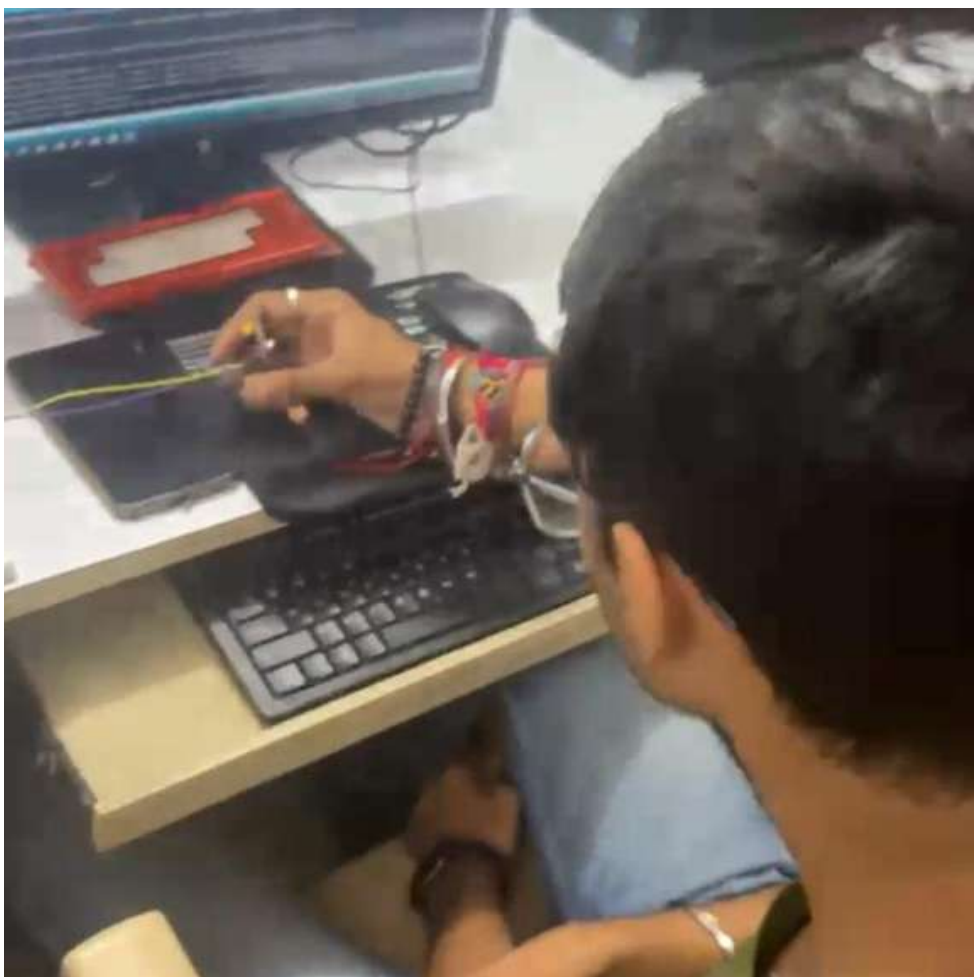


**GROUP
(MAX. 4)**



Student Coordinator
No. of Participants
1st Place

Rutal, Kalash
25
Team DHWANIL



Non-Technical Events:

Fold and Mold (Origami and Clay Modeling):

Fold and Mold is a vibrant creativity-based event that blends art, imagination, and craftsmanship. It features two exciting rounds – the Origami Round, where participants design intricate zoo animals, flowers, and bookmarks using paper-folding techniques, and the Clay Modeling Round, where they bring their ideas to life by molding creative pieces such as a Trinket Plate with an Animal theme.

The event aims to inspire artistic expression and innovation while enhancing focus, coordination, and design skills. Fold and Mold offers participants a platform to explore their creativity, experiment with forms and textures, and transform simple materials into beautiful artistic creations that reflect originality and imagination.



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"Creativity Takes Shape"

FOLD
AND
MOLD



19 SEPTEMBER, 2025

VENUE: III-cell

ROUND1: 10 to 11 am
ROUND2: 02 to 04 pm

Rules:
1. Themes will be given on spot.
2. For round 1 phones are allowed, you cannot use phone in round 2
3. If any cheating happens, you will be disqualified directly.

Rounds:
1: Create 2 Origami creation according to theme.(On Spot)
2: Create 1 Clay model according to theme.(On Spot)


Register Here

Sakshi Thakkar-7622005065

Yug Kahar-8866682287

Student Coordinator
No. of Participants
1st Place
2nd Place

Sakshi Thakkar, Yug Kahar
86
Team NANDANI
Team POOJA



Bowl out (Cricket Event):

The competition was based on bowling accuracy rather than batting. Participants had to hit the stumps to earn points, with the pitch size set at 22 yards. The event was divided into three stages – each requiring players to clear levels by hitting a specific number of wickets to progress.

Scoring was based on accuracy and consistency, where hitting wickets earned points and consecutive hits doubled the stage points. Missing a target ended the streak. Players bowled one over (six balls) each in the knockout and final rounds. The event had three rounds consisting of Selection (Mini Over), Knockouts: Top 12 players bowled one over each and Finals: Top 3 bowlers competed for the title.

The participant with the highest points was declared the winner. In case of a tie, a super-over (three balls) was held to decide the victor.

The event successfully combined skill, precision, and fun, giving students a unique platform to showcase their bowling accuracy and competitive spirit.



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BOWL OUT

Pitch Size: 22 Yards



Stages

- Stage 1: 3 wickets → 1 point
- Stage 2: 2 wickets → 2 points
- Stage 3: 1 wicket → 3 points
- Must clear a stage to move to the next.



Scoring

- Hitting wickets = earning stage points.
- Consecutive hits = next stage points doubled.
- Miss = streak ends, continue at the same stage.



Over Rules

- 1 over (6 balls) per player in Round 2 & 3.
- Round 1 overs depend on participants.



Rounds

- Round 1: Selection (Mini Over) - All participants bowl a mini over to qualify.
- Round 2: Knockouts - Top 12 players bowl 1 over each.
- Round 3: Finals - Top 3 players bowl 1 over each.



Winners

- Highest points = Winner.
- Tie → Super-over (3 balls).



Register here

DATE: 19 SEPTEMBER, 2025
TIME: 9:00am to 4:00pm (all day)
LOCATION: Dome



SOLO

Student Coordinator

No. of Participants

1st Place

Rutal, Kalash

25

Team DHWANIL

Creatogram (Photography and Video Editing):

Creative-minded individuals can participate in this event to showcase their skills in photography and video editing.

As the student coordinators of the Creatogram technical fest, We had the privilege of overseeing two exciting rounds that showcased the creativity and technical prowess of our participants

The first round, focused on photography, brought forth captivating images that captured the essence of innovation and artistry In the second round, centered around video editing, participants demonstrated their skills in crafting visually compelling narratives.

It was a remarkable experience witnessing the fusion of technology and creativity, and We are proud to have played a role in facilitating these exceptional competitions at Creatogram
Student coordinators

Student Coordinator
No. of Participants
1st Place



SARVAJANIK COLLEGE OF ENGINEERING
AND TECHNOLOGY





Creatogram

Round1: 19 September, 2025
Round2: 20 September, 2025
solo/duo
VENUE :III-cell

Rules :

1. Photos should be taken inside or near by campus.

2. Theme given by coordinators will be final.

3. Once registered team can't be changed.

4. Any device like camera or phone can be used.



Register here

Khushal Dhameliya:
9104848160

Raj Patel:
6352199565



Khushal , Raj
98
Team INDRANIL

A collage of four images. The top image is a low-angle shot looking up at a complex wooden beam roof structure inside a brick building, with sunlight filtering through. The bottom-left image is a close-up of a grey, cratered sphere against a black background. The bottom-middle image shows a hallway with a glowing orange spherical lantern hanging from the ceiling. The bottom-right image is a close-up of a green leaf with several water droplets on its surface.