SYMPOSIUM 2K24

FUSION OF TECHNOLOGY WITH ANCIENT PRACTICES

STUDENT COORDINATORS : Harshit Jain, Sayam Jain , Aditya Jha and Khushboo Jha

FACULTY COORDINATOR : Prof.(Dr.) Ketki Pathak

HEAD OF DEPARTMENT : Prof.(Dr.) Chirag N. Paunwala

क्षितिज
IEEE
SCET Student Branch
SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY
Electronics & Communication Department
(Re Accredited by NBA, New Delhi for 3 Years W.E.F July 2022)
Presents
SYMPOSIUM-22K24
"Fusion of Technology with Ancient Practices"
20-21 Sept 2024
Technical Events
Hire-Astra
Algo-Shastra
Ganit Fusion
Techno-Sutra
TechAngle
Bhojan-Bytes
Code-Alchemy
Non-Tech Events
The Big Bull
Mayavi Vault
Bollywood - Bonanza
The Game of Fates
Laser Ka Chakravyu
Student Coordinators:-
Aditya Jha
Sayam Jain
Harshit Jain
Khushboo Jha
Head of Department:-
Prof. Chirag Paunwala
Faculty Coordinator:-
Prof. Ketki Pathak

OVERVIEW :

Symposium 2k24, the annual tech-fest of the Electronics and Communication (EC) Department, was held under the banner of *Kshitij* and featured a total of 12 exciting events—7 technical and 5 non-technical. With over 1,400 participants, the fest showcased diverse challenges designed to engage both tech enthusiasts and casual participants alike.

Technical Events:

1. **Hire-Astra** – Mock placements and recruitment challenges.
2. **Algo-Shastra** – A coding and hardware integration competition.
3. **Ganit Fusion** – Math problem-solving and innovation.
4. **Techno-Sutra** – Soft skills development, like public speaking.
5. **TechAngle** – Focused on electronic components.
6. **Bhojan-Bytes** – Project-based technical challenge.
7. **Code-Alchemy** – A software-focused event.

Non-Technical Events:

1. **The Big Bull** – A trading and finance-themed game.
2. **Mayavi Vault** – An escape room experience.
3. **Bollywood Bonanza** – Bollywood-themed games and trivia.
4. **The Game of Fate's** – A strategy-based split-or-steal game.
5. **Laser Ka Chakravyuh** – A fun challenge involving lasers.

The wide variety of events allowed participants to showcase their skills, whether they were tech-savvy or just looking for fun and creative challenges.

INAUGURATION CEREMONY :

The inauguration ceremony of **Symposium 2024** began with a prayer to seek blessings, setting a positive tone for the event. Prof. Chirag N. Paunwala, Head of the Department (HOD), then delivered a warm welcome speech, expressing gratitude to everyone present and welcoming everyone to the start of Symposium 2024 as well as motivating all the students to take part in all the events. Following this, the dignitaries proceeded with the traditional lighting of the lamp, symbolizing knowledge and wisdom.

Prof. Niteenbhai Patel captivated the audience with an insightful talk on the Symposium series, highlighting its growth and significance and how it gives a platform to students to develop their leadership skills as well as to a platform where technical as well as non – technical events are arranged in a fun way incorporating learning with fun. Mr. Nitin Oza, the chief guest, then delivered

an inspiring speech, focusing on the expectations of the industry from young minds and motivating the students to rise to the challenges of the tech world, his speech also focused on motivating young minds to focus on their soft skills, highlighting the importance of having good communication skills in industry.

Student Coordinator Sayam Jain presented glimpses of *Symposium 2024*, followed by the inauguration of the new club, *The Creative Club* by Aashvi Narang, the coordinator of the club. The ceremony also featured an appreciation segment, where sponsors were acknowledged for their valuable contributions, highlighting the support of *Surat People's Bank, Laxmipati Sarees, TATA Motors (Pramukh Automotive), and VisionX*.

The ceremony concluded with a vote of thanks by Student Coordinator Khushboo Jha who highlighted the pre – Symposium events, which set the stage for Symposium 2024 as well as thanked all the faculties for their guidance and all the volunteers who were the reason for making Symposium 2024 possible, followed by the National Anthem. In a symbolic gesture to officially kickstart Symposium 2024, Mr. Nitin Oza led the ribbon-cutting and banner unveiling ceremonies, with dignitaries and the audience joining in to mark the beginning of the much-anticipated tech fest.

GLIMPSE OF INAUGURATION CEREMONY :

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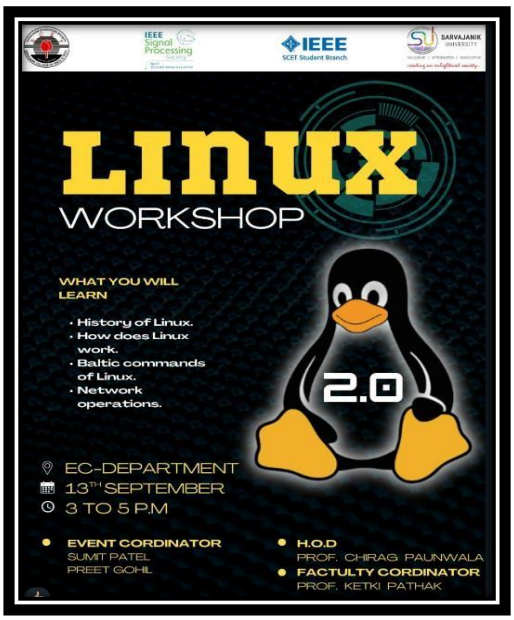
આકર્ષક આપણ યોજના

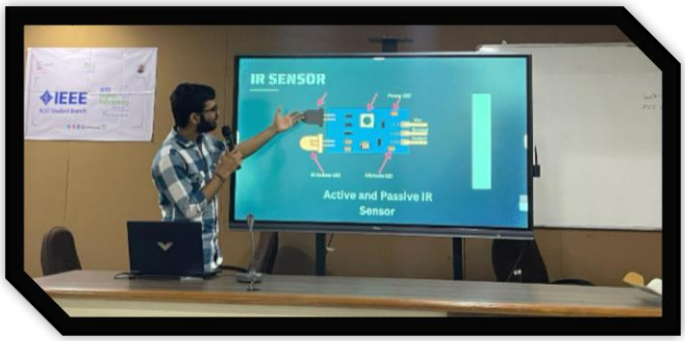
PRE – SYMPOSIUM EVENTS :

1. SAW 2.0
2. Linux workshop 2.0
3. Social showdown 2.0

POSTER OF THE EVENTS :



GLIMPSE OF PRE – SYMPOSIUM EVENT :



TECHNICAL EVENTS :

HIRE – ASTRA

(Technical Event)

The journey to the job world began with attitudes, followed by group discussions and nerve-wracking interviews. Hire Astra prepared our participants for the professional journey.

This event consisted of three rounds named as:

- Round 1: Aptitude test
- Round 2: Group discussion
- Round 3: Interview round

Miss Samhitha Maddali from AM/NS was invited as a jury.

Winners List:

Name of the winner	Position	Department	Year
Shristi Shah	3	EC	1
Sumit Patel	2	EC	2
Bhavy Gandhi	1	EC	2

ALGO - SHASTRA

(Technical Event)

Algo - Shastra, focused on coding and hardware integration. On Day 1, participants tackled three DSA problems, and 28 advanced to the next round after solving at least two. On Day 2, the selected participants formed teams of four and had 1.5 hours to integrate hardware components like ESP8266, LDR, Servo Motors, Buzzers, and LEDs into projects. Teams were judged on creativity, technical execution, and collaboration. The event emphasized real-world applications, innovation, and teamwork

inners List :

Prize	Name	Department	Year
First Prize	Prachi Sutariya	EC	1st
	Aarti Kalsaria	EC	2nd
	Sulaxna Pandey	EC	3rd
	Zeel Mistry	EC	3rd

Prize	**Name**	**Department**	**Year**
Second Prize	Meet Mangoroliya	EC	3rd
	Mohit Rathi	EC	3rd
	Sachin Gujjar	EC	3rd
	Dhyey Shukla	EC	3rd

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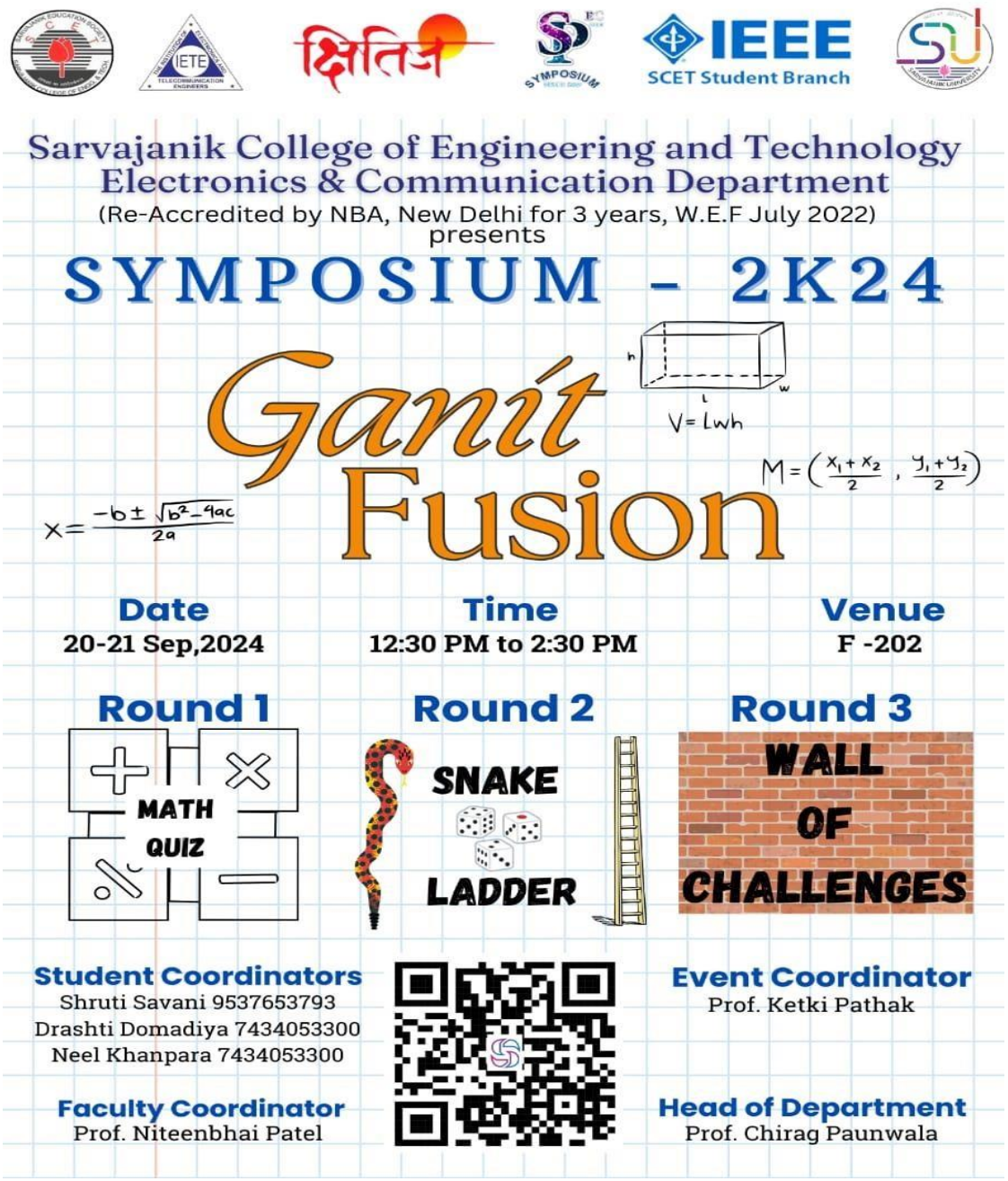
GANIT FUSION

(Technical Event)



Ganit Fusion 2024, part of SCET's annual Symposium with the theme ‘Fusion of Technology with Ancient Practices,’ attracted over 200 participants from various departments, bridging theoretical mathematics with practical applications. The event aimed to promote innovative

research, foster collaboration, and provide hands-on experience through presentations and workshops. It featured three rounds: a 50-question MCQ in Round 1, a Snake and Ladder Challenge with math problems in Round 2, and the "Wall of Challenges" in Round 3, where participants tackled timed math problems of varying difficulty, encouraging both individual and team participation.

Winners of Ganit fusion event:-

Name	Position	Department	Year
Hetvi Makwana	3	EC	2
Megha Anajwala	3	EC	2
Jivan Parekh	2	EC	3
Meet Kantharia	2	EC	3
Prayag Joshi	1	EC	2
Shrey Shah	1	EC	2

TECHNO - SUTRA

(Technical Event)

Techno-Sutra, tested participants' general knowledge while enhancing communication skills by blending ancient practices with modern technology. The event featured three competitive rounds: *Round 1* was an MCQ-based quiz on topics ranging from ancient innovations to modern systems, testing quick recall and knowledge connections. *Round 2*, Myth vs Fact, challenged participants to distinguish between myths and facts, sharpening critical thinking and communication. *Round 3* was an extempore speech, where participants delivered 1-minute talks on thought-provoking topics like AI's societal impact and the future of autonomous vehicles.

List of Winners:

Position	Name	Department	Year
1st	**Ankur Tiwari**	**EC**	**2nd**
2nd	**Devanshi Patel**	**EC**	**2nd**
3rd	**Dhruv Ahuja**	**EC**	**2nd**

TECHANGLE

(Technical Event)

TechAngle was a dynamic event combining electronics and circuit design through three exciting rounds. In Round 1, "Feel & Reveal," 79 participants, blindfolded, had to identify electronic components by touch, with top performers advancing. Round 2, "Treasure Hunt," grouped participants into teams of four, where they hunted for components based on clues, and 28 participants progressed. In the final Round 3, "C3 (Circuit Craft Clash)," teams of two used their gathered components to design and build functional circuits, showcasing creativity, teamwork, and practical skills.

List of Winners:

Position	Name	Department	Year
1st	**Bhavya Gandhi**	**EC**	**2nd**
2nd	**Jival Parekh** **Kirtan Suthar**	**EC**	**3rd**
3rd	**Bhavya Bodhania** **Pindiwala Pratham**	**EC** **EC**	**1st** **3rd**

BHOJAN - BYTES

(Technical Event)

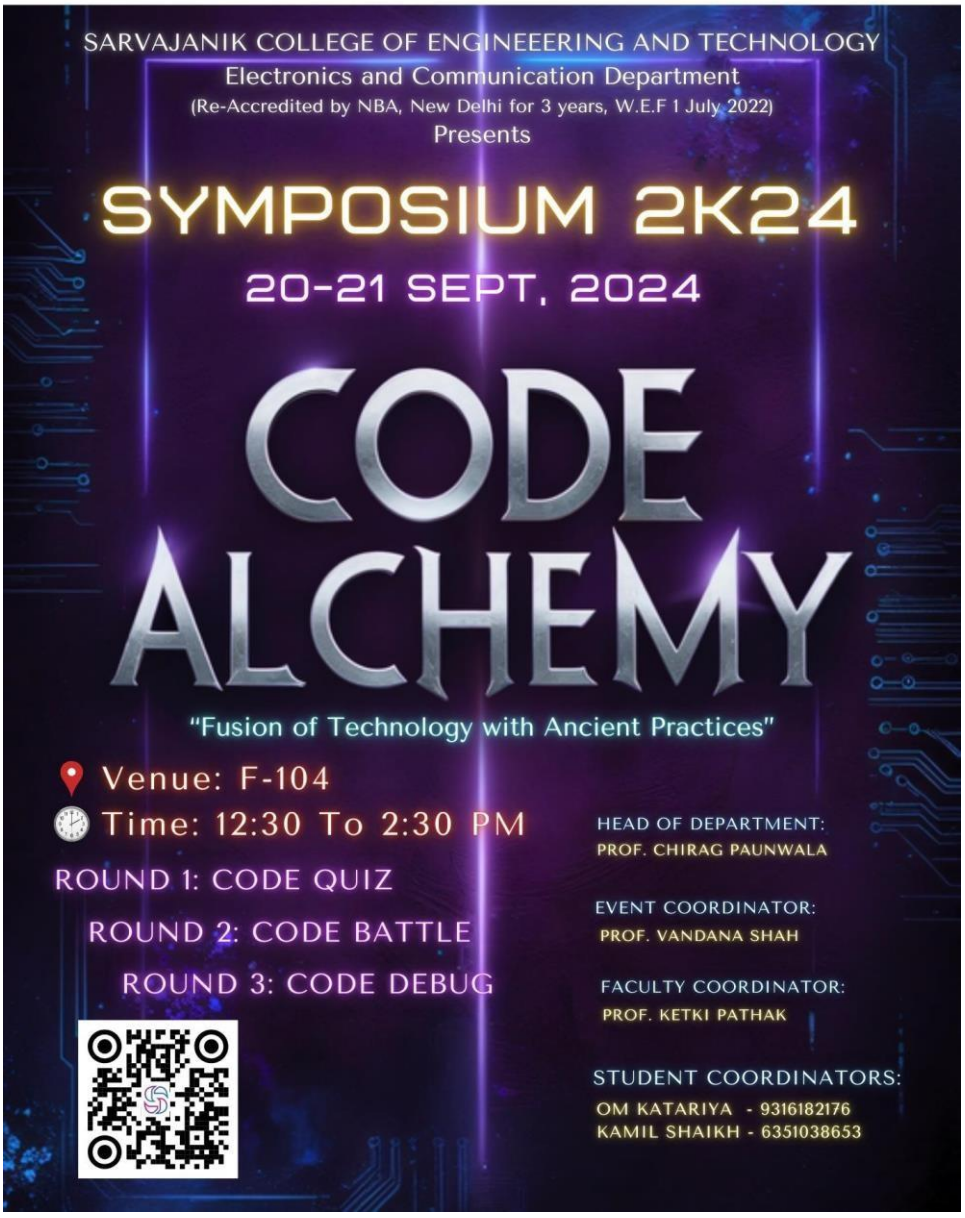
The goal of **BHOJAN-BYTES** was to push participants to think outside the box by encouraging them to use everyday materials like food items in technical tasks, fostering innovation, teamwork, and practical problem-solving skills. In *Round 1*, teams creatively built functioning circuits using food items like bread, licorice, and pretzels as substitutes for traditional components. This fun approach challenged their creativity and collaboration. *Round 2* shifted to a hackathon, where participants tackled real-world problem statements, demonstrating their coding and hardware implementation skills through circuit design. The event highlighted both creativity and technical prowess.

List of Winners:

Position	Name	Department	Year
1st	Jariwala Ayush	EC	2nd
	Gurav Nainesh	EC	2nd
	Kavani Arya	EC	2nd
2nd	Gandhi Bhavya	EC	2nd
	Singh Piyush	EC	2nd
	Kartik	EC	2nd
3rd	Pandey Sulaxna	EC	3rd
	Gupta Rajnidhi	EC	3rd
4th (CONSOLATION)	Chauhan Fenil	CO	4th
	Cheruku Riddhika	CO	4th

CODE ALCHEMY

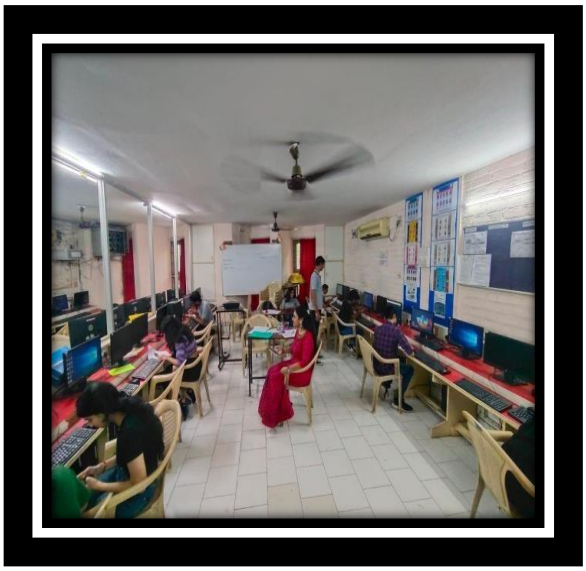
(Technical Event)



The **Code Alchemy** event was organized to assess and enhance participants' coding skills through two primary activities: **Coding Battle**, where participants engaged in head-to-head competitions to showcase their coding expertise, and **Coding Debug**, which focused on identifying and resolving bugs in code, honing their debugging skills. The event aimed to create a competitive yet collaborative atmosphere, encouraging participants to improve their coding abilities and learn from one another. The event fostered an engaging environment for skill development and knowledge sharing among aspiring coders.

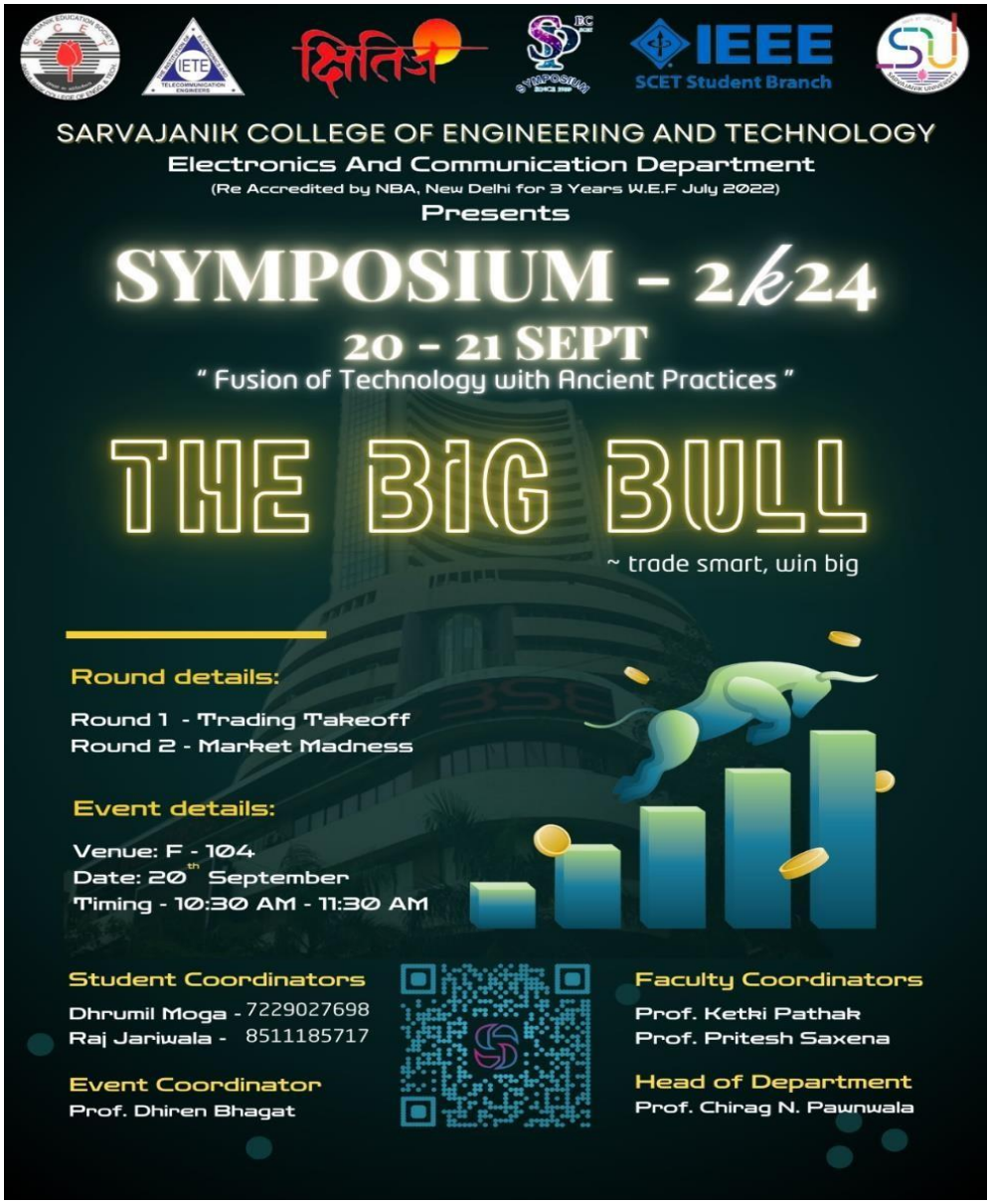
List of Winners:

Position	Name	Department	Year
1st	**Anika Mehta**	**CO**	**3rd**
2nd	**Nihar Lakhani**	**CO**	**2nd**
3rd	**Rudraa Mevawala**	**EC**	**3rd**



THE BIG BULL

(Non - Technical Event)



The Big Bull provided participants with a risk-free stock market trading experience using virtual credits, starting with ₹10, 00,000. In *Round 1 - Trading Takeoff*, participants freely traded stocks from various sectors, using strategies like short-selling or day-trading to maximize profits. The top performer advanced to *Round 2 - Market Madness*, where trading was limited to Index Funds, and each participant could make only 10 trades. This round emphasized strategic, calculated moves. The winner was determined by the highest portfolio value, with additional criteria like risk factor and trade execution time used to break ties if needed.

List of Winners :

Position	Name	Department	Year
1st	**Parth Patel**	**AIDS**	**4th**
2nd	**Preet Shah**	**EC**	**3rd**
3rd	**Meet Mangoroliya**	**EC**	**2nd**

MAYAVI VAULT

(Non - Technical Event)

Mayavi's Vault: The Escape Room was an immersive event that combined pop culture, problem-solving, and adventure, challenging participants to escape from a series of themed rounds. The first round featured a lively quiz on iconic moments from popular sitcoms and Bollywood dialogues, testing teams' knowledge and speed, with laughter filling the room as they recalled classic lines.

The second round shifted focus to intellectual challenges, where teams tackled mind-bending riddles and brain teasers, honing their logic and collaboration skills to earn hints for the final round. The climax came in The Great Escape, where one team member was locked inside an escape room while the others raced across campus to find clues and unlock the door, turning the entire event into a thrilling scavenger hunt that tested teamwork and quick thinking.

List of Winners:

Position	Name	Department	Year
1st	**Ayush Patel Icecream wala Smeet Preet Shah**	**EC**	**3rd**
2nd	**Gandhi karmavee Deputy disha Patel krisha**	**IT**	**2nd**
3rd	**Rajveer jariwala Ishani Chauhan Megha Soni**	**EC**	**1st**

BOLLYWOOD BONANZA

(Non - Technical Event)

The ***Bollywood Bonanza*** was an exhilarating event that immersed participants in the vibrant world of Indian cinema through elimination rounds, quizzes, and interactive games. Round 1 kicked off with the *Bollywood Blockbuster Showdown*, a fast-paced quiz that tested participants' knowledge of classic and contemporary films, including famous dialogues and songs. Contestants raced against the clock, with only 20 seconds to answer each question, leading to heightened excitement as top performers advanced to the next day. Round 2 featured *Find the Imposter*, where teams identified an "imposter" among them based on music cues, fostering teamwork and laughter. The finale, *Filmy Ladder Dash*, was a lively, lifesized board game where participants rolled giant dice, faced various Bollywood-themed challenges, and showcased their creativity while vying to be the first to cross the finish line.

List of Winners:

Position	Name	Department	Year
1st	**Aashvi Narang**	**EC**	**3rd**
2nd	**Pratham Dhanani**	**EC**	**3rd**
3rd	**Jiya Shah**	**EC**	**3rd**

THE GAME OF FATE'S

(Non - Technical Event)

The **Game of Fate's** is an engaging event that tests participants' decision-making and ethical considerations through two thrilling rounds: **Split and Steal** and **Steal No Steal**. In the first round, participants are paired and must choose between splitting a prize or attempting to steal it, with the scoring system rewarding cooperation—each player earns 10 points if both choose to split, while the stealer earns 15 points if their opponent splits, leaving the splitter with nothing. The second round begins with 15 players, where a player opens a box containing a card that says either "Safe" or "Eliminate." After checking the card, the next player decides whether to steal the box based on the original player's behaviour. If they steal and the card is safe, they remain in the game; if it says "Eliminate," they lose everything. Conversely, choosing not to steal

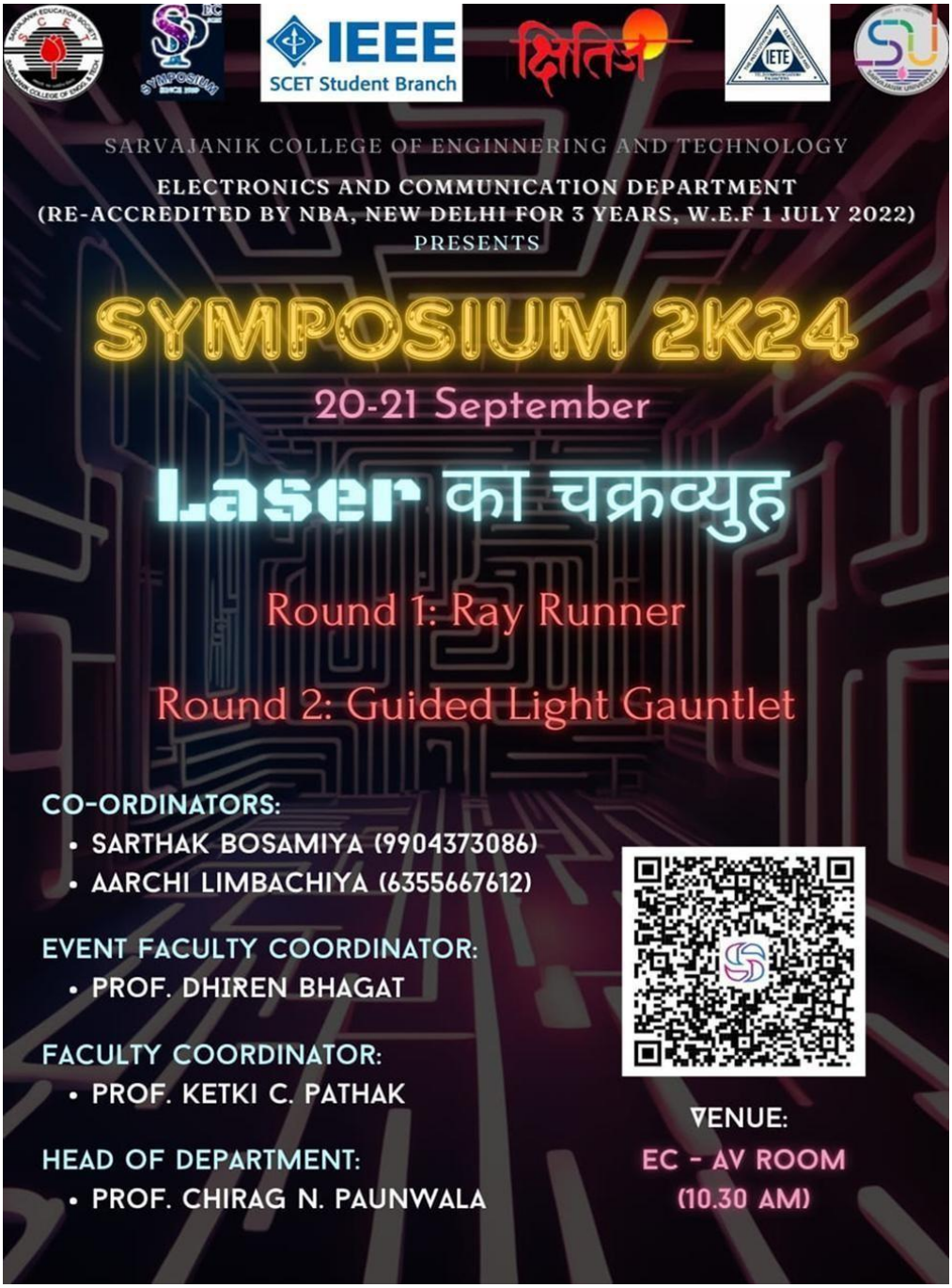
allows the original player to continue if the card is safe, but they are eliminated if it's not. This round continues until a final winner emerges.

List of Winners:

Position	Name	Department	Year
1st	**Rohan Gohil**	**Chemical**	**1st**
2nd	**Megha Soni**	**EC**	**1st**
3rd	**Kelvin Sharda**	**EC**	**2nd**

LASER KA CHAKRAVYUH

(Non - Technical Event)



Laser Ka Chakravyuh is an exhilarating team event that combines strategy, agility, and precision, challenging pairs of contestants to navigate a complex laser maze inspired by the mythical Chakravyuh formation from Indian epic lore. Each team member plays a crucial role, with one acting as the strategist, using verbal cues to guide their partner—who must carefully maneuver through the maze without breaking any laser beams. This setup tests not only physical dexterity but also communication and trust, as teams must balance speed with caution to complete the course in the shortest time while minimizing penalties. The maze's changing configuration between rounds forces participants to adapt their strategies quickly, adding elements of time pressure and decision-making under stress. As they tackle this high-tech obstacle course, contestants forge unbreakable bonds and discover hidden strengths through intense focus and cooperation. The event's popularity extends beyond entertainment, serving as an effective team-building exercise for corporate groups. Spectators enjoy a visually stunning display of agility against colorful lasers, culminating in a grand finale where the top teams compete for glory and prizes, enhancing the overall excitement and competitive spirit of Laser Ka Chakravyuh.

List of Winners:

Position	Name	Department	Year
1st	**Kanishk Dalal** **Kushal Patil**	**IT** **CO**	**1st**
2nd	**Ayush Polara** **Kenil Kachhadiya**	**IT**	**4th**
3rd	**Tej Desai** **Vraj Patel**	**EL**	**4th**

LIST OF EVENT COORDINATORS AND VOLUNTEERS:

Name of the Event	Event Coordinators	Event Volunteers	Event Faculty Coordinators
Hire-Astra	Archie Rai, Priyansh Rander, Pratham Naik	Alok Mevawala	Sarosh Dastoor
Algo-Shastra	Neel Gandhi, Kavita Swami	Dushyant Prajapati	Neeta Chapatwala
Ganit Fusion	Neel Khanpara, Drashti Domadiya, Shruti Savani	Niket Bhatt	Niteenbhai Patel
Techno-Sutra	Gneya Chaudhari, Aarya Lokhandwala	Hardik Suthar, Manasvi Mehta	Chhaya Suratwala
TechAngle	Diwanshi Dugar, Khushi Banka, Priyanshi Patel	Hunaif	Pranav Lapsiwala
Bhojan-Bytes	Shivangi Vyas, Harshita Pandit, Niyati Majumdar	Kunjan Gajre, Rajnidhi Gupta	Nehal Shah
Code-Alchemy	Kamil Shaikh, Om Katariya	Vatsal Sheth, Devanshi Patel, Afreen Amroliwala, Devanshi Jethwa	Vandana Shah
The Big Bull	Dhrumil Moga, Raj Jariwala	Dev Joshi	Dhiren Bhagat
Mayavi Vault	Devarsh Rathod, Harshita Pandit	Vipul Kumar Gupta, Prerna Parmar	Neeta Chapatwala
Bollywood – Bonanza	Anirban Jana, Dhruvil Fulwala	Pranjal Rathod	Chhaya Suratwala
The Game of Fate's	Preet Gohil, Akshay Santoki	Sumit Patel, Chahi Tejani	Vandana Shah
Laser Ka Chakravyuh	Sarthak Bosamiya, Archie Limbachiya	Moga Jiya Nareshbhai, Mevawala Rudraa Hirenkumar	Dhiren Bhagat

PARTICIPANT TABLE:

Name of event	Total Participants	Other Department Participants
Hire-Astra	130	42
Algo-Shastra	80	28
Ganit Fusion	221	128
Techno-Sutra	200	95
TechAngle	77	22
Bhojan-Bytes	96	35
Code-Alchemy	100	34
The Big Bull	40	19
Mayavi Vault	80	32
Bollywood – Bonanza	125	41
The Game of Fate's	100	31
Laser Ka Chakravyuh	250	128

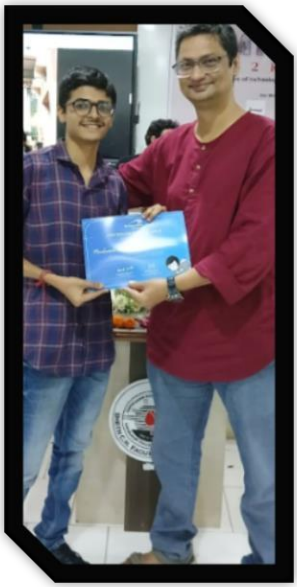
Valedictory Session:

The valedictory session of *Symposium 2024* kicked off with an appreciation ceremony, where the alumni batch of 2020–2024 was honored for their successful campus placements, followed by recognition of the top academic rankers (Dewang Mehta Top Ranker 2024 Award) for their stellar academic achievements.

The session also included a feedback segment, where participants shared their experiences and insights from the event, providing valuable input for future editions of the fest. Following this, the winners of various events were awarded for their exceptional performances.

The ceremony concluded with the National Anthem. Afterwards, everyone enjoyed *Kulfi* sponsored by *Creamy Heaven*, and the day wrapped up with a joyful group photo to celebrate the success of *Symposium 2024*.

Glimpse of Valedictory Session:



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CERTIFICATE

THANK YOU TO EVERYONE FOR MAKING SYMPOSIUM 2024 A BANGER!!!!

ACKNOWLEDGEMENT

We acknowledge and thank Sarvajanik Education Society and Sarvajanik College of Engineering &Technology for providing the necessary infrastructure for conducting this event. We also thank to **Dr. Hiren Patel**, Principal, SCET; **Dr. Mayank Dalal**, Dean-SAWC, SCET and **Prof. (Dr.) Chirag Paunwala** , Head of Electronics and Communication Engineering Department , SCET for their guidance and motivation in organizing **SYMPOSIUM -2024** under annual **Techfest KSHITIJ-2024**.

The team also thankful to the chief guests, jury members and alumni of our department for sparing their valuable time to make this event memorable.

We also express our sincere gratitude towards our worthy sponsors for their financial assistance to make this SYMPOSIUM 2024 most memorable event of EC Department.

1. Laxmipati Pvt. Ltd
2. Tata Pramukh Automobile Pvt. Ltd
3. Surat Peoples cooperative bank
4. Vision EX

We are also thankful to our Technical supporters Professional bodies like IEEE SCET SB and IETE Surat Sub Chapter for technical support.

We are thankful to whole EC Department Teaching faculties, Lab assistants and Lab attendants for their valuable support throughout the event.

FACULTY COORDINATOR
Dr. Ketki C. Pahtak

STUDENT COORDINATORS
Khushboo Jha(4^{th} EC)
Sayam Jain , (4^{th} E0
Harshit Jain (4^{th} EC)
Aditya Jha (4^{th} EC)

Report Compiled by: Dr. Ketki C. Pathak
Faculty Co-ordinator,
SUMPOSIUM 2024