



ORGANIZATION UNIT

Sri Sairam Engineering College SB – STB60981

Event Name: SAIRAM IEEE DAY CELEBRATION 2024

Designation	Name
Principal	Dr. J. Raja
Student Branch Counsellor	Dr. Brindha Sve
Student Branch ChairPerson	Mr. Rampavithran RP
IEEE Day Campus Ambassador	Ms. Nasreen Begam Z

DESCRIPTION:

IEEE Day 2024 at Sri Sai Ram Engineering College, West Tambaram, was a spectacular celebration of technology and innovation, featuring **seven thrilling events** that captivated participants.

The **RC Turbo Track** event saw students designing and racing custom-built RC cars, showcasing their engineering prowess. **Cipher Chase** tested speed and collaboration as teams solved complex coding problems in a fast-paced, two-round competition. The **Bot Vault**, organized by the IEEE Robotics and Automation Society, introduced students to the fundamentals of automation and sensor technology through hands-on activities. **Bid Wars** combined quiz challenges on IEEE topics with a strategic bid-based presentation round, highlighting participants' creativity and strategic thinking. **Botify Business** focused on leveraging AI for business applications, where participants generated promotional content and built chatbots to tackle real-world problems. The **Payload Pursuit (CTF Challenge)** featured an exhilarating seven-level Capture The Flag competition, engaging teams in technical problem-solving. Finally, **SparkScape** invited teams to pitch innovative ideas, design posters, and solve puzzles, blending business and technology in a creative contest. IEEE Day 2024 was a resounding success, fostering collaboration, innovation, and a passion for technology among all participants, leaving everyone inspired and eager for future challenges.

TURBO TRACK

EVENT NAME : Turbo Track

DATE : 07/10/2024

VENUE: Mechatronics Lab

TYPE OF THE EVENT: Technical

MODE OF EVENT: Offline

EVENT ORGANIZERS:

1. Yeshwanth Raj - Lead
2. Pranesh - Co-Lead

EVENT DESCRIPTION:

The RC Car Competition consists of three rounds testing design and performance skills. Round 0 is an online session covering design principles and a demo model. In Round 1, all 15 teams present their prototype RC cars for evaluation, with non-compliant teams disqualified. Round 2 features the top 10 teams racing their cars on a custom track, evaluated on speed, maneuverability, innovation, lap time, endurance, and durability.

ROUND 0:

The Turbo Track event began with Round 0 on October 1st, 2024, serving as an online preliminary session to help participants prepare for the main event. Teams attended an informative Q&A session, where they clarified competition rules and expectations. The event team showcased a demo RC car with basic features, giving participants a firsthand look at the design elements and performance capabilities required for the competition. The session provided valuable insights, helping participants fine-tune their own models.

ROUND 1:

The first round of the Turbo Track event was completed on October 4th, 2024. This round served as a project expo, where participants brought their custom-made RC cars and presented them to the juries. Teams explained their unique design features and technical innovations they implemented in their cars, showcasing their creativity. The event also provided an opportunity for participants to discuss the competition flow with event volunteers and network with fellow teams. Overall, the event was a success, with strong participation and a positive exchange of ideas.

Teams Presented : 8 teams

No of Participants : 24

ROUND 2:

The second round of the Turbo Track event was held on October 7th, 2024. At the start, teams were given time to examine the custom track designed by the event team and ensure their RC cars could handle its challenges. Once the jury arrived, the event kicked off, with each team running their cars for up to 2 laps on the track. The jury members closely evaluated each car's

design, performance, and maneuverability. After a thorough assessment, the top 3 teams with the most innovative designs, best performance, and fastest lap times were awarded prizes, marking a successful completion of Round 2 and the Turbo Track competition.

Teams Participated : 8 teams

No of Participants : 24

JURY DETAILS:



Dr.L.Saravanakumar

Associate Professor/ Department of Mechanical Engineering (SEC)



Dr.R.Dhanasekar

Associate professor /Department of EEE (SIT)

CONCLUSION :

The Turbo Track event was more than just a competition; it was a vibrant celebration of innovation, teamwork, and the relentless pursuit of excellence. Participants not only showcased their technical skills but also forged connections and shared their passion for engineering.

WINNERS LIST

1st PRIZE:

Team Name : Aurora

1. Harini K L
2. Anuradha S
3. Kavyadharshini S M

2nd PRIZE :

Team Name : Hack Slayers

1. Rajalakshmi K
2. Jaswanth Raj J
3. Somanath E R

3rd PRIZE :

Team Name : SparkNerds

1. Lithika Sri G
2. Asmitha S J
3. Abinesh M

EVENT PHOTOS



CIPHER CHASE

EVENT NAME : Cipher Chase
DATE : 07/10/2024
VENUE: Computer Center - 2
TYPE OF THE EVENT: Technical
MODE OF EVENT: Offline

EVENT ORGANIZERS:

1. Jenefer - Lead
2. Ganesh - Co-lead
3. Ilakkiya S - Co-lead
4. Vinoth - Co-lead

EVENT DESCRIPTION:

Cipher Chase, held on October 7, 2024, as part of IEEE Day 2024 celebrations at Sri Sairam Engineering College, was a fast-paced two-round technical competition. The event challenged participants on both logical reasoning and technical coding skills, testing their ability to solve puzzles and program effectively under pressure.

A total of 25 teams participated in the event, each composed of two members. The first round was conducted via Educaplay, focusing on future and emerging technologies, while the second round was held on HackerRank, emphasizing multi-language programming.

ROUND 1:

The Turbo Track event began with Round 0 on October 1st, 2024, serving as an online preliminary session to help participants prepare for the main event. Teams attended an informative Q&A session, where they clarified competition rules and expectations. The event team showcased a demo RC car with basic features, giving participants a firsthand look at the design elements and performance capabilities required for the competition. The session provided valuable insights, helping participants fine-tune their own models.

Teams Presented: 25
No. of Participants: 50

ROUND 2:

In the second round, Treasure Hunt – Code to Win, teams were challenged with multi-language programming tasks on HackerRank. The round featured a unique dynamic where only one team member could code at a time, while the other was kept away from the workspace. Teams were required to switch between coding turns, making seamless communication and strategy critical for success. The task involved solving programming problems in C, Python, Java, and C++ to reveal missing letters in a partially completed word. Success in this round demanded not only technical proficiency in multiple programming languages but also effective collaboration between team members, as they frequently swapped roles. The top teams to correctly decode and complete the word by solving all the coding challenges were declared the winners.

Teams Presented: 10

No. of Participants: 20

JURY DETAILS:

1. Dr. Adiline Macriga / IT / SEC / Professor
2. Mrs.G.Nirmaladevi / CSE / SIT / Assistant Professor
3. Dr. I. Vimal Kannan / MECH & AUTO / SEC / Associate Professor
4. Mr.Gopinath N / CSE / SEC / Assistant Professor
5. Mrs.A.Sathiya / AI&DS / SIT / Assistant Professor

CONCLUSION :

Cipher Chase successfully engaged participants in a fast-paced technical competition that combined logical reasoning and coding skills. The transition from the quick-fire puzzle-solving of AlphaSprint to the strategic coding challenges of Treasure Hunt highlighted participants' adaptability and teamwork. The event fostered collaboration and quick thinking, celebrating innovation and technical expertise, making it a memorable part of the IEEE Day celebrations at Sri Sairam Engineering College.

WINNERS LIST

1st Place

Team Name : Duo Developers

1. Navin B - AIDS / III / SEC
2. Ashwanth P - AIDS / III / SEC

2nd Place

Team Name : Nexus

1. Praveen M - IT / III / SEC
2. Surya U - IT / III / SEC

3rd Place

Team Name: The Baskins

1. Hemapriya R C - AIDS / III / SEC
2. Aravind M - AIDS / III / SEC

EVENT PHOTOS



BID WARS

EVENT NAME : Bid Wars

DATE : 07/10/2024

VENUE: Smart Classroom – 1

TYPE OF THE EVENT: Non - Technical

MODE OF EVENT: Offline

EVENT ORGANIZERS:

- 1.Savitha - Lead
- 2.Arun - Co-Lead
- 3.Harish - Co-Lead

DESCRIPTION:

The Bid Wars event, part of IEEE Day 2024, featured two rounds designed to enhance knowledge and teamwork. Round 1 tested participants' understanding of IPL auction strategies and IEEE topics through a quiz. In Round 2, teams engaged in competitive bidding for roles, showcasing their strategic management plans for an IEEE Society. The event emphasized collaboration, creativity, and negotiation skills, preparing participants for future challenges.

ROUND 1:

Round 1 of the Bid Wars event, part of IEEE Day 2024, took place on October 3, 2024, at 8:00 PM via Quiz.com. A total of 50 participants, organized into teams of three, engaged in a quiz that tested their knowledge of IPL auction strategies and IEEE topics. The quiz featured 20 questions with varying time limits, designed to challenge participants' quick thinking and knowledge. There was no negative marking for incorrect answers. The top-scoring teams progressed to Round 2, with results announced promptly.

Teams Presented: 50

No. of Participants: 50 (Teams of 3 members with one representative from each event)

ROUND 2:

Round 2 occurred on October 7, 2024, at 9:00 AM in Smart Classroom 1, where 15 teams competed to bid for 12 available roles, each comprising 5 members with varying attributes: leadership, creativity, volunteering, endurance, and experience. Teams had a budget of 2.5 crores for their bids.

After purchasing their members, teams presented their strategies for managing an IEEE Society with their selected candidates, highlighting how their members' skills would contribute to effective leadership and project execution. The bidding was competitive, and all roles were filled successfully. The event showcased effective negotiation and collaboration among teams, setting a positive tone for the next phases of the competition.

Teams Presented: 15

No. of Participants: 45

JURY DETAILS:



Dr. P. Venkatesh
Associate Professor - MBA/SEC

CONCLUSION:

The Bid Wars event proved to be an engaging and dynamic experience, fostering collaboration, strategic thinking, and creativity among participants. Both rounds successfully encouraged teamwork and knowledge application, preparing teams for future challenges within IEEE. The competitive spirit and innovative strategies displayed promise for a fruitful continuation of the competition, with participants eager to further develop their skills and contribute to the IEEE community.

BID WARS WINNERS LIST

1st Place

Team Name : Elite

1. Abinaya R
2. Madhumidhaa A P
3. Ananthi V

2nd Place

Team Name : Bid Pros

1. Pradeep S
2. Rajesh S

3rd Place

Team Name: Black Rock

1. Suryaputhiran T
2. Siva P
3. Sreevatsan V

EVENT PHOTOS



BOT VAULT

EVENT NAME: Bot Vault

DATE: 07/10/2024

VENUE: Incubation center

TYPE OF THE EVENT: Technical

MODE OF EVENT: Offline

EVENT ORGANIZERS:

- 1.Trisha - Lead
- 2.Tharushi - Co lead
- 3.Gowtham - Co Lead
- 4.Sri Raman - Co Lead
- 5.Abirami - Co Lead
- 6.Srinath - Co Lead

EVENT DESCRIPTION:

The event is a two-round competition focused on robotics and automation. Round 1 features an online quiz to assess participants' knowledge of robotics, automation, and sensors, shortlisting candidates for the next phase. Round 2 involves teams developing and presenting a hardware prototype based on automation and sensors during a live event on IEEE DAY. This competition promotes practical skills, innovation, and collaboration in tackling real-world challenges in robotics.

ROUND 1:

The event begins with an online quiz designed to test participants' basic knowledge of robotics, automation, and sensor technologies. This quiz will assess participants' initial understanding and spark their interest in these fields. Conducted in mentimeter on October 1 2024 from 7.00pm.All team leaders attended the quiz in mentimeter and other members are connected through Google meet. Totally 21 teams(63 members) registered for the event and among 21 teams,14 teams(42 members) participated in round 1 and 13 teams are shortlisted for round 2.

No of teams: 14

Participants: 42

ROUND 2:

Participants who perform well in the quiz will advance to Round 2. In this phase, shortlisted participants are required to develop a prototype hardware based on a provided theme related to automation and sensors. Participants will work on creating and refining their prototypes prior to the event day. On IEEE DAY oct 7 2024,participants brought their developed prototypes for presentation and demonstration. Among 13 shortlisted teams for round 2,10 teams(30 members) were present and came with prototype. After the presentation of all teams, the jury panel with scope members discussed and announce 3 teams(9 members) as winners.

No of teams: 10

Participants: 30

Conclusion :

The "Bot Vault" competition concluded successfully, starting with an engaging preliminary round that tested participants' knowledge in robotics and automation through a dynamic online quiz. This round set the stage for the final phase, where teams showcased their creativity and technical skills by presenting innovative prototypes focused on automation and sensors. Overall, the event celebrated the participants' achievements and fostered collaboration, culminating in an inspiring experience on IEEE DAY.

JURY DETAILS:

Dr VINAYAGA MURUGA PANDY

Assistant Professor / Department of mechanical engineering – SEC

BOT VAULT WINNERS LIST**1st Place ;**

Team Name : Graspers

1. Nataraj E L - AIDS / II / SEC
2. Janani R - AIDS / II / SEC
3. Sujith S M - AIDS / II / SEC

2nd Place :

Team Name : Tech Nimbus

1. Keerthika S - CSBS / II / SEC
2. Dheepayalini R - CSBS / II / SEC
3. Seerin Farhana S M - CSBS / II / SEC

3rd Place :

Team Name: Glucomate

1. Perumal B – ICE / III / SEC
2. Flemine K – ICE / III / SEC
3. Sai Losini K – ICE / III / SEC

EVENT PHOTOS



SOCIAL MEDIA

INSTAGRAM:

https://www.instagram.com/sec_ieee.sb?igsh=MWFtOHkwMnk2Y2hnNw==

LINKED IN: <https://www.linkedin.com/company/sri-sairam-engineering-college-ieee-student-branch/>