

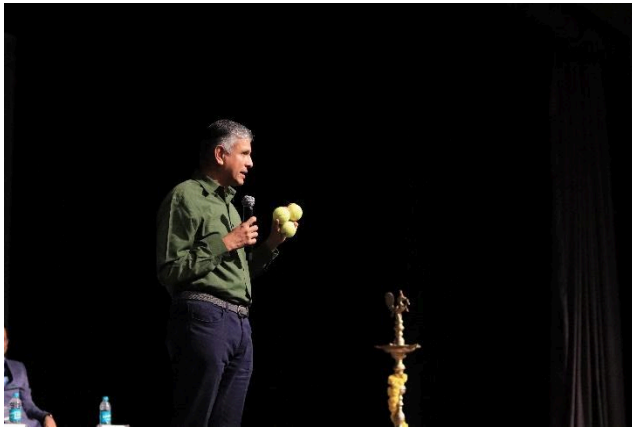


RoboFiesta Main-Event 2024:

Robofiesta 2024 marks Institute's first national-level fest, dedicated to uniting students, faculty, and tech enthusiasts from across the country to celebrate and explore advancements in technology and robotics. Event was conducted for 2 days **from 3rd Dec to 4th Dec**. This year's highlights include competitions like Fast and Furious, Battle of Lines, Robo Sumo, Capture the Flag and many more. Robofiesta 2024 was inaugurated by Mr. G N V Subba Rao, Head of Operation Centers-PA, Head of Indirect Material and Services Procurement PA. Whole Time Director ABB Global Industries and Services Private Limited., and Dr. Nithin Nagaraj, Prof. & Head, Complex System Programme, National Institute of Advanced Studies. Guests addressed the need for students to excel in both academic and research endeavors. Principal Dr. Nagashettappa Biradar addressed the students regarding the cultivation of passion among the students. Faculty Coordinator Dr. Nataraj V gave overview of Robofiesta 2024 and schedule of events. **321 Teams of students** from various colleges such as NIT Puducherry, RVCE, MKPM RVILS, BMSCE, M S Ramaiah College Of Law, BMSIT, Christ University, Rajarajeswari College Of Engineering, Jawaharlal Nehru New College Of Engineering, Shivamogga, New Horizon College Of Engineering, MVJ College Of Engineering, Adichunchananagiri Institute Of Technology, Sri Siddhartha Institute Of Technology, Tumkur, The Oxford College Of Engineering, SJB Institute Of Technology, Dayananda Sagar Academy Of Technology And Management, AMC Engineering College, RVITM etc participated in the events.



Address by Principal



Address by chief guest Dr. Nithin Nagaraj



Address by Chief guest Mr. G N V Subba Rao



Master of ceremony Akshay CSE Dept and Harini ISE Dept



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Lighting of Lamp



Lighting of Lamp



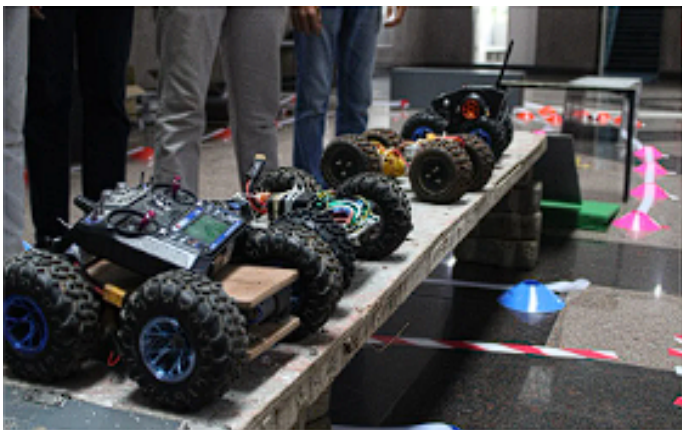
Release of Magazine of Phoenix Robotics Club

Description of Events

Day 1, December 3rd:

1. Fast 'n Furious:

The Fast 'n Furious RC car racing event was a thrilling blend of speed, engineering, and precision. Participants designed and raced custom-built RC cars on a challenging track, navigating sharp turns and obstacles with finesse. The event highlighted the perfect combination of mechanical expertise and strategic control, leaving spectators cheering.



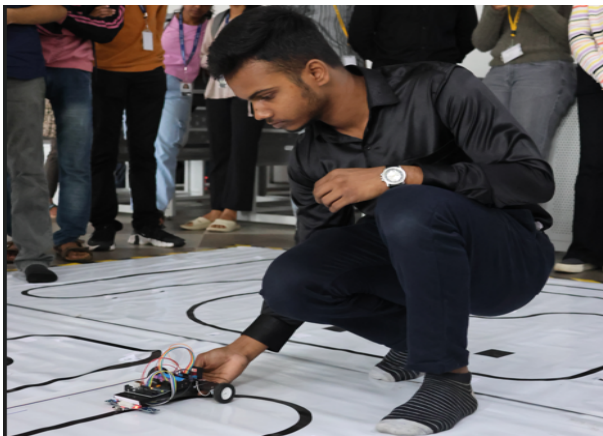
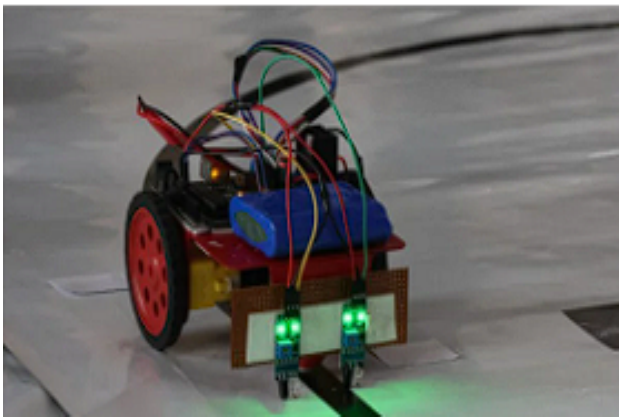
The RC Cars



The Track

2. Battle of Lines:

The Battle of Lines brought robotics to life as participants programmed autonomous robots to follow intricate paths with precision and speed. This high-stakes competition tested technical skills, algorithmic logic, and hardware design. Teams showcased their engineering ingenuity and problem-solving abilities under pressure.



Line following bot

Participant engaging in the challenge

3. Bug Squash

The Bug Squash Challenge put participants' coding expertise to the ultimate test. Teams worked against the clock to debug complex pieces of code, hunting for elusive errors and fixing them with efficiency. This competition emphasized quick thinking, attention to detail, and a solid understanding of programming fundamentals.



Participants engaging in the challenge

4. Capture the Flag (CTF)

The CTF Challenge was a highlight of the fest, featuring cryptography, steganography, and hacking puzzles across three levels of difficulty. Participants demonstrated exceptional problem-solving skills as they extracted, decrypted, and exploited hidden data to earn points. The competitive spirit and intellectual rigor made this event unforgettable.



Participants engaging in the challenge

5. IPL Auction

The IPL Auction recreated the excitement of cricket's most strategic event. Participants acted as team owners, bidding on players to assemble their ideal squads within a fixed budget. It combined cricketing knowledge, quick decision-making, and strategic planning. The atmosphere was electric as teams vied for the best players.



Participants engaging in the auction

6. Photoshop and Video Editing Competition

The Photoshop and Video Editing Competition showcased the creative talents of participants as they transformed their ideas into compelling visual content. From innovative digital designs to captivating videos, contestants impressed judges with their originality and technical expertise.



Volunteers of the event

7. Valorant Tournament

The Valorant Tournament captivated gaming enthusiasts as teams battled it out in this tactical first-person shooter game. Precision, communication, and strategy were key as participants engaged in electrifying matches, culminating in a nail-biting finale.

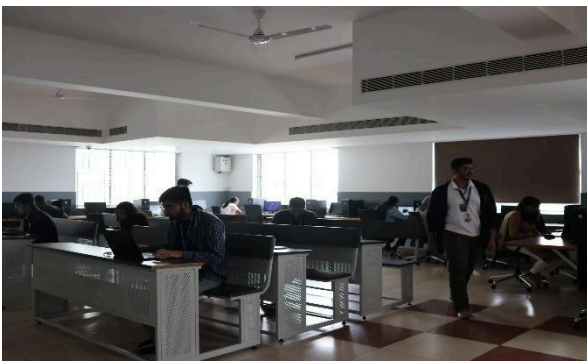
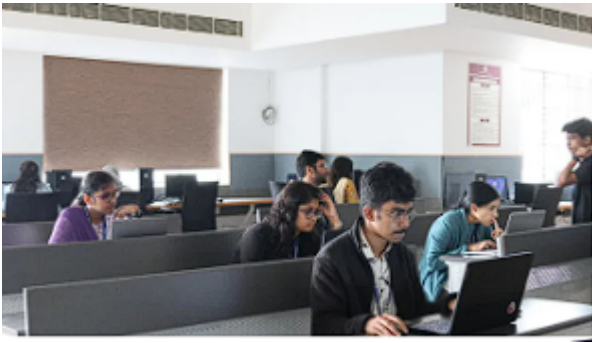


Participants engaging in the tournament

8. Cosmic Canvas



The Cosmic Canvas digital art competition pushed the boundaries of creativity as participants crafted breathtaking cosmic-themed artworks. Their designs beautifully captured the mysteries and wonders of the universe, showcasing extraordinary artistic vision and technical skill.



Participants engaging in the challenge

9. Dorm Wars

The Dorm Wars Auction Challenge tested participants' strategic acumen and decision-making skills. Teams engaged in intense bidding wars for virtual treasures, balancing risk and reward. The overnight event was a perfect mix of fun, camaraderie, and competitive spirit.

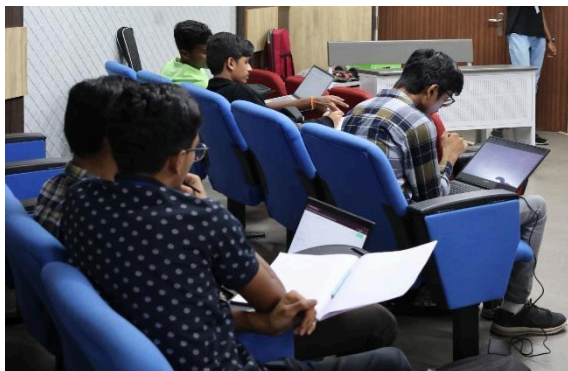


Participants engaging in the challenge

Day 2, December 4th:

1. Code Battle:

The "Code Battle" event at Robofiesta 2024 brought together coding enthusiasts from across the nation, with participants traveling from various colleges to compete in this premier coding competition. Teams tackled challenging algorithmic puzzles, optimized their solutions for efficiency, and showcased their debugging prowess. The event was a thrilling showcase of intellect and problem-solving under intense pressure.



Participants engaging in the challenge

2. Building Web:

"Building Web" was a thrilling web development competition that tested participants' creativity and technical prowess in designing user-friendly websites. Teams raced against time to deliver innovative and visually appealing designs.



Participants engaging in the challenge

3. The Great Tech Quest

"The Great Tech Quest" challenged participants with a mix of quizzes, technical problems, and a mystery-filled final round. With innovation and teamwork as the cornerstones, the event was a true test of participants' knowledge and creativity.



Participants engaging in the challenge

4. Logic Labyrinth:

"Logic Labyrinth" was a dynamic circuit-building competition where participants solved complex circuit challenges to achieve a functional output. The event tested their expertise and quick thinking in electronic design.



Participants engaging in the challenge

5. Panchayat:

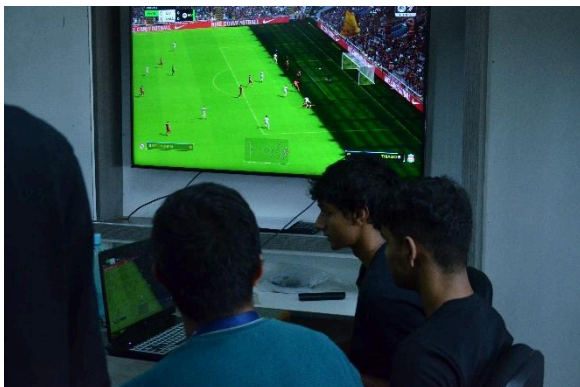
"Panchayat" brought a unique blend of history, ethics, and social issues into a competitive format. Participants donned the roles of village leaders, debating and solving critical societal challenges with ideologies inspired by the past.



Participants engaging in the debate

6. FIFA:

The "FIFA" event witnessed an intense battle of skills and strategies as participants vied to dominate the virtual football field. The competition was packed with energy and thrilling moments that kept everyone on edge.



Participants engaging in the tournament

7. BGMI

The BGMI (Battlegrounds Mobile India) tournament was a highlight for gaming enthusiasts. Teams displayed their strategies and quick reflexes in a fast-paced, adrenaline-fueled battle royale showdown.



Participants engaging in the tournament

8. Robo Sumo

The Robo Sumo event turned the spotlight on innovation as autonomous robots battled for dominance in the arena. Participants showcased their engineering and programming skills by building machines capable of strategy and brute force. The high-energy matches left the audience in awe of the technical brilliance on display.





Participants engaging in the competition

9. Treasure Hunt

The "Treasure Hunt" was an exhilarating quest across the RVITM campus, where participants solved riddles and followed clues in a race against time to uncover the ultimate prize. Teamwork and problem-solving skills were put to the ultimate test.

10. Soul Jams:

Robofiesta 2024 concluded on a high note with a soul-stirring musical performance by Antara, RVITM's very own music team. The grand finale brought together participants, organizers, and attendees to celebrate the spirit of creativity, innovation, and collaboration that defined this year's fest. With mesmerizing vocals and enthralling instrumental performances, Antara captivated the audience, leaving them spellbound. Their electrifying energy and heartfelt melodies provided a perfect end to the vibrant journey of Robofiesta 2024, leaving memories that will be cherished for years to come.



Performance by Team Antara



Valedictory Function

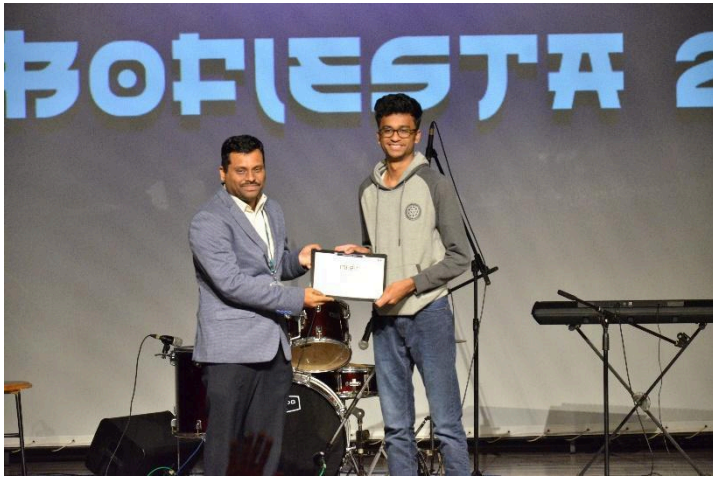
Robofiesta 2024 was a spectacular celebration of innovation, creativity, and teamwork. With a diverse array of events ranging from robotics and coding to design and gaming, the fest brought together talented participants from across the nation. The fest concluded with an inspiring speech by our Principal, Vice Principal and Faculty Coordinator who commended the participants for their efforts and highlighted the importance of such events in fostering creativity, collaboration, and technological advancement. Robofiesta 2024 left an indelible mark, inspiring all to dream, innovate, and achieve.



Prize distribution by Principal



Prize distribution by Vice Principal



Prize distribution by Faculty Coordinator



Prize distribution by HoD Mech Engg



Prize distribution by HoD MCA

Faculty Coordinator

Phoenix Robotics Club President: Akshaj Pattanshetty

Vice Principal

Phoenix Robotics Club Vice President: Harini Sridhar

Principal

RoboFiesta Pre-event 2024:

Phoenix Robotics Club successfully conducted RoboFiesta 2024, the first national-level fest of RVITM on 14th, 16th and 17th December, 2024. This pre-event entertained and enthralled all the participants. Fun events like Among Us and Anime Quiz challenged the participants' creativity. Other events like Canva Challenge, Celestial Clash and Phoenix Hacks gave the students a unique and fun learning experience.

Inaugural of Pre-event -2024

The formal event commenced with inspiring speeches from the Principal and Vice-Principal, and Faculty coordinator who emphasized the importance of innovation, teamwork, and excellence within the student community. Their words set a tone of encouragement and pride, resonating deeply with the audience. Following the addresses, an elegant award ceremony celebrated the outstanding achievements of students across various domains, acknowledging their hard work and dedication. The highlight of the evening was the highly anticipated trailer launch for the upcoming main event, which left the audience thrilled and eager for what lies ahead.





Performance by Antara Team



Address by Principal



Address by Vice Principal



Address by Faculty Coordinator

The

1.Canva Challenge:
robotics club successfully conducted a design
challenge to test the creativity of the participants

creativity. It was conducted on 14th November, 2024. This competition was held at RVITM and included thirteen participants representing different departments. This contest was conducted in a single round with inspiring and innovative topics to put the contestants the test.



Canva challenge volunteers

2. Anime Quiz

As part of the pre-event, successfully conducted an Anime Quiz on 14th November 2024. This quiz included 18 teams with 45

The quiz included a preliminary round consisting of 30 MCQs. Only 10 teams were allowed to advance to the next round. The two teams with the highest score were declared the winners and the runners-up representing three different departments.

the robotics club also Anime Quiz on 14th was held at RVITM and enthusiastic participants.



Anime Quiz volunteers



3. Celestial Clash :

This debate was held at RVITM and included 22 enthusiastic participants. This event encouraged participants to engage in spirited discussions on a range of thought provoking topics, challenging them to articulate and defend their viewpoints effectively. Contestants from various departments participated with enthusiasm.



Celestial Clash Event



Prize Distribution



Prize Distribution



4. Among Us

This fun event was held at RVITM and included 23 enthusiastic participants. This immersive event challenged participants to sharpen their intuition, master the art of persuasion, and stay calm under pressure as they navigated a web of trust and deception. Contestants from various departments participated with enthusiasm.



Among Us Participants and volunteers



Phoenix Hacks:

As part of the pre-event, the robotics club also successfully conducted an Phoenix Hacks from 16th to 17th November 2024. This Hackathon was held at RVITM and included 23 teams with 45 enthusiastic participants from RVCE, Bangalore, BMSIT Bangalore , SDMIT Ujire, KIT Tipatur and RVITM, Bangaore. The hackathon challenged participants to push their creative and technical boundaries, think on their feet, and collaborate effectively under tight deadlines to bring innovative ideas to life. Contestants from various departments participated with enthusiasm.



Prize Distribution of Hackathon Event



Prize Distribution of Hackathon Event



Prize Distribution of Hackathon Event



Met Gala event:

As part of the pre-event, the robotics club also successfully conducted an Met Gala on 14th November 2024. The College Met Gala 2024 was a dazzling showcase of artistry, fashion, and innovation. Students, faculty, and staff came together to recreate the glamour of the iconic Met Gala, transforming the campus into a runway of creativity. The event was an extravagant celebration of individuality, style, and collaboration, making it a event to remember.



Met Gala Event



Flash Mob

As part of the pre-event Flash Mob event was conducted on 14th November 2024. The flash mob energized the campus, spreading joy and showcasing the creativity and spontaneity of the students involved. The carefully choreographed performance demonstrated teamwork, precision, and enthusiasm, while the element of surprise kept the audience engaged and delighted. The College Merch Launch 2024 unveiled a fresh and exciting line of merchandise, designed to represent school pride and foster a sense of community. The event was a dynamic mix of creativity, style, and enthusiasm, bringing students and faculty together to celebrate the launch in true collegiate spirit.



Met Gala Event



Met Gala Event

Faculty

**Coordinator
Principal**

Vice Principal

Phoenix Robotics Club President: Akshaj Pattanshetty
Vice Presidents: Harini Sridhar



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