



SUPRA SAEINDIA 2024: Event Report

This document provides a detailed report on the 11th edition of SUPRA SAEINDIA, a premier national-level engineering competition for aspiring automotive engineers. The report includes information on the event's highlights, organization, competition structure, and award winners. It also highlights the event's significance in fostering innovation and collaboration within the Indian automotive engineering sector.



Introduction

SUPRA SAEINDIA, a flagship event organized by SAEINDIA, a strategic alliance partner of SAE International, is a prominent platform for engineering students to showcase their technical prowess, design ingenuity, and teamwork skills. Inspired by the renowned Formula SAE competition, SUPRA SAEINDIA encourages students to design, build, and race high-performance race cars, adhering to stringent safety and performance standards.

The 11th edition of SUPRA SAEINDIA, held in October 2024 at the prestigious Buddh International Circuit (BIC), Greater Noida, attracted over 60 teams comprising over 1,500 engineering students from esteemed institutions across India. The competition was divided into two categories: Internal Combustion Vehicles (ICV) and Electric Vehicles (EV), offering a platform for students to explore the latest advancements in automotive engineering and design.



Key Highlights of SUPRA SAEINDIA 2024

SUPRA SAEINDIA 2024 was marked by several significant highlights, including:

- **Overwhelming Participation:** The event witnessed a record participation of over 60 teams and 1,500 students from top engineering institutions across India.
- **World-Class Venue:** The competition was held at the Buddh International Circuit, a state-of-the-art motorsport facility known for its world-class infrastructure and challenging track layout.
- **Strong Industry Support:** The event was supported by a diverse range of sponsors, including:



Title Sponsor	Maruti Suzuki India Limited (MSIL)
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SUPRA SAEINDIA 2024 was a testament to the collaborative spirit of academia, industry, and student enthusiasm.

Competition Structure: Testing Skills in Static and Dynamic Events

SUPRA SAEINDIA 2024 incorporated a comprehensive competition structure designed to evaluate teams' vehicles across various aspects, including design, cost-effectiveness, business presentations, and on-track performance. The competition was divided into static and dynamic events, simulating real-world automotive engineering challenges.

Static Events:

- **Design:** Teams were judged on the technical aspects of their vehicle's design, including its structural integrity, safety features, and overall engineering principles.
- **Cost:** The cost-effectiveness of the vehicle's design and manufacturing process was evaluated, emphasizing practicality and efficient resource utilization.
- **Business Presentation:** Teams presented their vehicle's design and its market viability, showcasing their business acumen and understanding of potential applications.



Competition Structure: Testing Skills in Static and Dynamic Events

Dynamic Events:

- Endurance: Teams competed in an endurance race, testing the vehicle's durability, reliability, and performance over an extended period.
- Autocross: Teams were challenged to navigate a technical course, showcasing the vehicle's maneuverability, handling, and driver skills.
- Skid Pad: Teams raced against the clock to complete a specific number of laps on a skid pad, highlighting the vehicle's acceleration and cornering performance.
- Acceleration: Teams competed in a drag race, demonstrating the vehicle's raw acceleration and power output.



Award Recognition: Celebrating Engineering Excellence

SUPRA SAEINDIA 2024 culminated with the awarding of prestigious accolades to the outstanding teams that demonstrated exceptional technical skills, innovation, and teamwork. The awards were categorized based on the competition categories (ICV and EV) and specific aspects of the event.

Here is a list of the award winners:

Award Name	Category	Position	Vehicle Number	Team Name	College/Institute
Overall Winners	ICV	1st	CV 52	The Interceptors	Dr. D Y Patil Institute of Technology
		2nd	CV 40	TEAM MAVERICK	Pune Vidyarthi Grihas College of Engineering
		3rd	CV 33	TEAM SCREWDRIVERS	Dhole Patil College of Engineering
Endurance	ICV	1st	CV 40	TEAM MAVERICK	Pune Vidyarthi Grihas College of Engineering
Autocross	ICV	1st	CV 13	TEAM VEGADOOOTH RACING	KLE Technological University
Skid Pad	ICV	1st	CV 40	TEAM MAVERICK	Pune Vidyarthi Grihas College of Engineering
Acceleration	ICV	1st	CV 52	The Interceptors	Dr. D Y Patil Institute of Technology
Engineering Design	ICV	1st	CV 52	The Interceptors	Dr. D Y Patil Institute of Technology
Cost	ICV	1st	CV 27	MECHXHAUSTERS 8.0	National Institute of Technology Warangal
Business Presentation	ICV	1st	CV 10	DSCE MOTORSPORTS	Dayananda Sagar College of Engineering
Overall Winners	EV	1st	E04	VELOCE RACING ELECTRIC	Vishwakarma Institute of Technology

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Overall Static Winner	EV	1st	E02	AMRITA RACING	Amrita School of Engineering
CAEEV	EV	1st	E04	VELOCE RACING ELECTRIC	Vishwakarma Institute of Technology
Innovation	ICV and EV	1st	CV 36	CAMBER RACING	SRM Institute of Science and Technology
Clean Pit	ICV and EV	-CV 39	TEAM ARION	Nitte Meenakshi Institute of Technology	
Best Vehicle Appearance	ICV and EV	-CV 49	SAKTHI RACING	Kumaraguru College of Technology	
Best Woman Participant	ICV and EV	-CV 07	Ms. Aaradhya Malik	Bullz Racing - BMS College of Engineering	



Conclusion: A Testament to Innovation and Collaboration

SUPRA SAEINDIA 2024 concluded on a high note, showcasing the remarkable talent, innovation, and perseverance of young engineers across India. The event was a testament to the dedication and collaborative efforts of students, academia, and industry professionals in fostering technical excellence in the automotive sector.

The Organizing Committee and sponsors played a pivotal role in ensuring the success of the competition, setting a high standard for future editions of SUPRA SAEINDIA. The event served as a platform for nurturing future generations of automotive engineers, inspiring them to embrace innovation and contribute to the growth of the Indian



Glimpse: SUPRA SAEINDIA 2024



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Glimpse: SUPRA SAEINDIA 2024



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2024 | 2-5, OCTOBER
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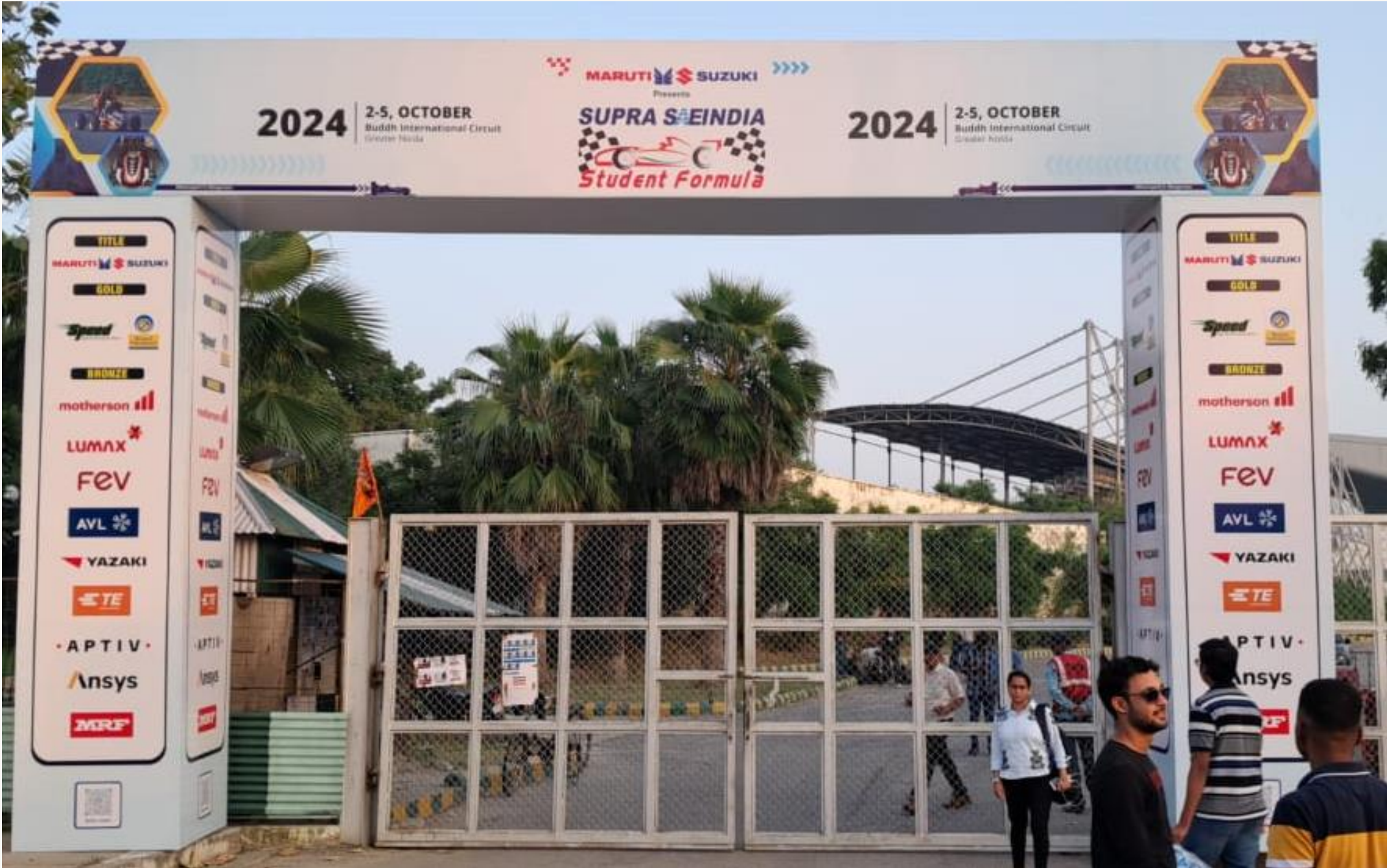
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Motorsport is Dangerous

THANK YOU SPONSORS SUPRA SAEINDIA 2024



The Organizing Committee: Driving the Success of SUPRA SAEINDIA 2024

The successful execution of SUPRA SAEINDIA 2024 was a result of the tireless efforts of a dedicated Organizing Committee (OC) led by Mr. N S Rao, Senior Advisor, MSIL. The OC comprised a team of experienced professionals and passionate student volunteers who worked diligently to ensure a seamless and impactful event.

The OC was structured as follows:

- Co-Conveners: Mr. Harpreet Singh Juneja (ICV) and Mr. Abhijit Bora (EV)
- Deputy Conveners: Mr. Anubhav Singla (ICV) and Mr. Bibhu Kumar (EV)
- Technical Committee: Mr. V Mundada, Prof. Sudhir Gupte, Mr. K N Balaji, Mr. Siddharth Agnihotri (MSIL), Mr. Monish L (GT Tuners), Ms. Harshada Patil (MSIL), Mr. Abhishek Kumar (MSIL), and Mr. Shashank Sharma (MSIL)
- Finance: Mr. Moinuddin Siddiqui (MSIL) and Mr. Tanuj Sharma (MSIL)
- Marketing: Mr. Manoj Aggarwal (MSIL), Mr. Abhijit Bora (MSIL), and Mr. Anubhav Singla (MSIL)
- Event Management: Mr. Bibhu Kumar (IWTMA), Mr. Siddharth Agnihotri (MSIL), and Mr. Anubhav Singla (MSIL)
- Academia Advisors & Alumni: Prof. Leenus Martin (SRM University), Prof. S Maji (Ex-DTU), Mr. Satya Prakash (Bosch), Mr. Aniket Varshney (KPIT), Mr. Shubham Raj (Radium Synergies), and Mr. Rajesh Kumar (Accenture)
- HR Event: Mr. C Harsha (MSIL)

Looking Ahead: The Future of SUPRA SAEINDIA

The upcoming 12th edition, scheduled from 13-16 August 2025 at Buddh International Circuit, Greater Noida, continues SUPRA's legacy. The event features both Internal Combustion Engine (ICE) and Electric Formula Vehicle (EV) categories, providing a platform to showcase engineering talent and innovation. It also facilitates connections with industry leaders, including CV and EV manufacturers, component suppliers, software developers, and tire companies.



The banner features a collage of images on the left showing a race track, a driver in a cockpit, and a race car. The central text reads: **SUPRA SAEINDIA 2025 (CV & EV)**, **13th - 16th August 2025 | Buddh International Circuit, Greater Noida**. The SUPRA SAEINDIA Student Formula logo is at the top right. A QR code is located at the bottom right with the text "Scan QR for Registration". The phrase "Registration is Open Now!!" is written in red. The background includes checkered flags and stylized arrow graphics.

SUPRA SAEINDIA
Student Formula

SUPRA SAEINDIA 2025 (CV & EV)
13th - 16th August 2025 | Buddh International Circuit, Greater Noida

Registration is Open Now!!

Scan QR for Registration

Contact Us

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