

# National Automobile Olympiad 2022

Learn, Explore & Compete!



In the 21st century, it is imperative that industry and academia collaborate to ensure that students are prepared for the challenges of the future in the automotive Industry.



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"The **automobile industry** is one of the key drivers of economic growth in India. It has the potential to create jobs at every level, from manufacturing to services. The **government is committed** to providing the necessary support to the industry to ensure that it continues to grow and thrive, and to help make India a **global manufacturing hub** for automobiles."

**Shri. Narendra Modi**

Honourable Prime Minister of India

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Olympiad is supported by



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The **automobile industry** has always been a driving force behind global innovation, and it will continue to be a leader in **shaping the future**.



William Clay Ford Jr.  
Executive Chairman, Ford Motor Company

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# CEO's Desk



Arindam Lahiri

Chief Executive Officer  
Automotive Skills Development Council  
(ASDC)

In addition to academic excellence, students must develop 21st century skills that will enable them to improve physical, creative, and emotional areas of their lives and thrive in this competitive world. Starting skill development in schools at a young age can have a long-term positive impact on the general fabric of the country's workforce.

The automobile industry is fast transitioning into robotics and electric vehicles, with the electric vehicles industry predicted to generate massive employment and the overall automotive industry expected to become the largest in the next few years. Students from a variety of disciplines, including design, engineering, liberal arts, environment studies, and law, would be able to take use of these opportunities.

As the Automotive Skills Development Council, we have been at the forefront of several initiatives to upskill and competitively position the automotive industry. We believe that implementing interventions in schools will significantly contribute to the expansion of business and the empowerment of young people.

It is with this intent, I am pleased to introduce "ASDC National Automobile Olympiad", an industry driven initiative to assist students to learn, and explore the automobile industry, and showcase their talents!

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Safety  
Sustainability  
Smart Mobility

are the 3 newS of the  
Automobile Industry.



# About ASDC

The Automotive Skills Development Council is the first dedicated sector skills council, the government of India for the Automobile industry. ASDC has been granted recognition as an awarding body by NCVET. It provides prospects and a platform to all young generations who wish to work in the automotive sector by skilling them through a variety of skill development programs in association with industry training partners across the country.

Promoted by

**SIAM**

Society of Indian Automobile Manufacturers



One Nation | One Association

**ACMA**

Automotive Component Manufacturers Association of India

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GOVERNMENT OF INDIA

Ministry of Road Transport & Highways



सत्यमेव जयते

GOVERNMENT OF INDIA

Ministry of Heavy Industry



# Industry Landscape

In 2022, the Indian automotive industry surpassed Japan to become the third-largest country in the world by valuation. The automotive industry in India is undergoing a transformation because of its sustained growth and profitability. The industry currently accounts for 7.5% of GDP and 49% of manufacturing output, generating 36 million direct or indirect employment. Based on the Automotive Mission Plan 2019-2026, the sector is expected to employ 65 million people by 2026.

The industry will continue to remain buoyant and a significant contributor to the nation's growth.

India is the  
**3<sup>rd</sup>** largest  
automobile market in  
the world, with an  
annual production of  
over **4.25 million**  
vehicles.

By 2025,  
it is estimated that  
**30% of all cars**  
sold will be electric.

India is expected to  
generate the employment  
of **65** Million people  
**by 2026**

The Indian  
automobile industry  
contributes around  
**7.5%** to the  
country's GDP and  
employs more than 36  
million people directly  
and indirectly.

# Objective

- **Enhance Skill Education in Schools:** Our primary objective is to actively promote and elevate the importance of skills-based education among school students, fostering a new generation of skilled professionals.
- **Highlighting the Appeal of the Automobile Industry:** We aim to introduce and amplify the allure of the Automobile Industry to our target demographic, showcasing its dynamic and rewarding career opportunities.
- **Fostering Industry-Academia Collaboration:** We are committed to supporting schools in establishing and strengthening connections with the industry, creating a robust Industry-Academia nexus that benefits both students and the sector.



# National Automobile Olympiad - 2023

- National Automobile Olympiad, was appreciated by schools, students, and parents. Despite the initial presumption, of it being relevant for science students; the participation was encouraging.



Registration

6457 | 32162



Tests Conducted

5126 | 1526G



Schools  
(Registered/Participated)

G3 | 8G4



States/Cities

23/54 | 23/74



Countries

3 | 3



# Learnings

## Test Window

- Starting early helps in getting maximum participation.

## Flexible Dates

- Schools appreciate flexible dates for round 1
- Re-evaluate participation of class 6

## Online Training

- Students expect some training material, online preferred

# Moments of Qualifying

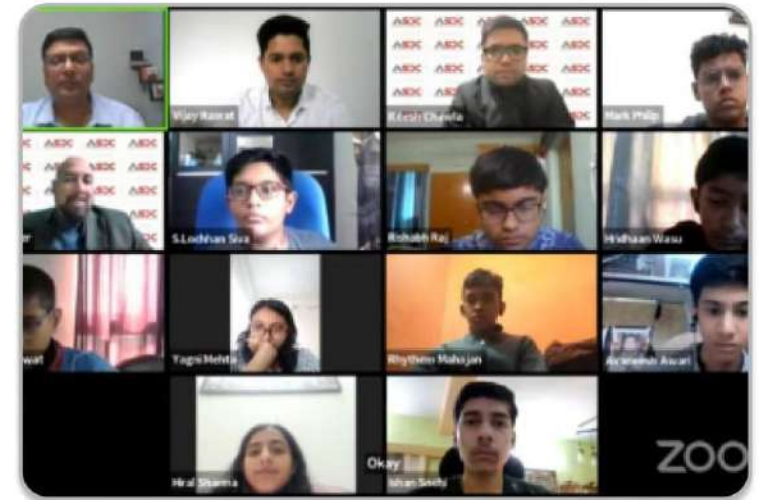


**Qualifying round was done in the schools, which was the first round of National Automobile Olympiad for Students**

# Moments of Regional Finals

This round was conducted virtually using the Zoom platform, with participants from four regions:

**North, South, East, and West**, focusing on fundamental information about the Automobile industry.





# Moments of training session and Finals



The training session was designed to familiarize students with an engaging and enjoyable manner, culminating in them successfully creating their own prototypes.

# Moments of Finals Round - 1 & 2



After acquiring new skills, each student individually crafted a prototype and then succinctly presented on various topics, showcasing their understanding and creativity.



# Winners



**1st Position - Saketh Sandeep,**  
Bhavans Vidya Mandir, Girinagar Kochi, Kerala, Group -1



**2nd Position - Hiral Sharma,**  
Happy Model School Janakpuri, New Delhi, Group -1



**3rd Position - Ishan Snehi,**  
Delhi Public School Singrauli, Madhya Pradesh, Group -1



**1st Position - Rudraraju Lohit**  
Jubilee Hills Public School Hyderabad, Group - 2



**2nd Position - Tripathy Divyajyoti**  
Senapati DAV Public School, Unit-8  
Bhubaneswar, Odisha, Group - 2



**3rd Position - Mayank Kumar,**  
Rai Star Public School Jowai, Meghalaya, Group - 2

# Winners



**1st Position - Souhardya Roy**  
St. Lawrence High School Kolkata, Group - 3



**2nd Position - Anuj Bhattacharya**  
National Public School,  
Koramangala Bengaluru, Karnataka, Group - 3



**3rd position - Ayushman Sahoo**  
DAV Public School, Kalinga  
Nagar Bhubaneswar, Odisha, Group - 3





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