



**Department of
Mechanical Engineering**

ACHIEVEMENTS

A photograph showing a human hand on the left and a robotic hand on the right, both holding and interlocking two gears. The human gear is gold and the robotic gear is silver. The background is a blurred industrial setting. The image is partially covered by a large blue curved graphic element at the bottom right.

ACADEMIC YEAR: 2024-2025



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Thrills of Soap Box Racing: A Day of Innovation and Victory

Soap box racing, a thrilling event where creativity meets engineering, recently took place at Acharya College, and it was a blast! Our team, “Team Akhurath”, hailing from the Mechanical Department, ECE Department and Data Science Department of New Horizon College of Engineering, had a fantastic time participating. The event was all about designing and building soap box cars, and we poured our hearts into crafting a unique and innovative design.



Our Ride - “Akhurath - The Rat Rocket”

Soap Box Racing is not just about speed; it's a celebration of innovation and design. Each team designs and builds their own gravity-powered vehicle, pushing the boundaries of creativity and engineering. Each team poured countless hours into crafting a unique racer, focusing on both functionality and aesthetics.



Some of the uniquely crafted designs of the participants

The highlight of the event came during the awards ceremony. Among the cheers and applause, our team was honoured with the prestigious award for "Best Design Innovation and Creativity." It was a moment of immense pride for us, validating our efforts and dedication. Beyond the thrill of victory, the Soap Box Racing event fostered camaraderie among participants. We exchanged ideas, admired each other's creations, and forged lasting friendships. It was a day filled with laughter, excitement, and a shared passion for engineering. As a team, we want to extend our gratitude and appreciation to Prof. Rakesh C, our Head of Department, for his continual motivation and guidance throughout our preparations for the event. We also want to express our heartfelt thanks to Dr. Nagendra J and Prof. Sunil Prashanth Sir for their invaluable guidance and support during the entire process. As we reflect on our experience, we're grateful for the opportunity to showcase our skills and represent our college. Soap Box Racing isn't just a competition; it's a celebration of ingenuity and teamwork, leaving us inspired to continue pushing the boundaries of innovation.



The team was honoured with the prestigious award for "Best Design Innovation and Creativity."



Team Akhurath along with their entourage , Guide Dr. Nagendra J and Event Organisers of Acharya Institution.

Team Members

Sr.	Name	Department	Semester	USN
1.	Kummara Abhishek	ME	6 th	1NH22ME404
2.	M Vinay	ME	6 th	1NH22ME405
3.	A Venkata Divya Sandesh	ME	6 th	1NH22ME401
4.	John Michael Francis	ME	6 th	1NH21ME027
5	Parth Chandrajit Bharadwaj	ME	6 th	1NH21ME051
6.	Ameey Ramesh Chavan	ME	6 th	1NH21ME011
7.	Saya Maneesh	ME	6 th	1NH21ME067
8.	Tarun S	ME	6 th	1NH22ME413
9.	Shashi Kumar	ME	4 th	1NH23ME401
10.	Surya P	ME	4 th	1NH23ME403
11.	G Brinda Sarada	ME	4 th	1NH22ME021
12.	Vaishnavi Salunkhe	ME	4 th	1NH22ME047
13.	Avvari Ankush	ME	4 th	1NH22ME009
14.	C. Harshini	ECE	4 th	1NH22EC031
15.	Y. Pranathi Sai Reddy	ECE	4 th	1NH22EC187
16.	Pamulapati Jahnvi	DS	4 th	1NH22CD138