

An Electric Start

The Story Behind Our Home-Built EV Scooter.

The budding engineers of Team Atom United from SSET built their own electric two-wheeler and took it to the National EV Challenge – living out their dream in the process.

It didn't begin with the whirr of an electric motor. It began with an idea – one that had lost its spark, its promise dimmed until it became little more than a half-forgotten joke. Then, a handful of engineering students from SSET, calling themselves “The Crew”, decided to bring it back to life.

Their goal was bold: to build an electric two-wheeler from scratch and take it to the National EV Challenge. Thus was born Team Atom United.

The Crew

The Crew began as a group of misfits – no name, no plan, just big dreams. Slowly, others joined in – students who brought fresh skills, energy, and the kind of laughter that keeps fatigue at bay. With every new member, the spark began to glow again. Soon, our workspace wasn't just about design precision or fabrication details; it became a place for late-night chai breaks, debates, and quiet perseverance when things went wrong.

Then came the Diploma students. They didn't just fill gaps – they brought direction and discipline. Their clarity of thought and commitment helped transform our scattered efforts into a cohesive force. Under their steady hands, The Crew found its rhythm, and the dream took shape.



The Pit Crew

To streamline work, the Pit Crew was formed – a set of dedicated teams working in harmony toward one goal.

The Design Team, led by Krishnapriya, Advait Deepu, and David Thomas, turned imagination into blueprints. The Fabrication Team, comprising Clement G. N., Aravind A., and Ashwin S. K., transformed those blueprints into steel and motion. Aesthetics had made sure every surface was polished with precision.

The Finance and Sponsorship Team, led by Nived Babu, Suhail K., and Eshan Navas, handled the numbers, networks, and negotiations that kept the project afloat. Together, they formed the backbone of the Pit Crew's success.

RC Car Racing League 2025 at SSET

MAY 24, 2025 • SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

The spirit of innovation and competition came alive at SCMS School of Engineering and Technology, Karukutty, with the exciting RC Car Racing League 2025, organized by The Crew SSET. Bringing together passionate racers and automobile enthusiasts, the event featured five teams and twenty racers battling it out on the track for the championship title.

Held on May 24, 2025, the competition showcased not only speed and control, but also teamwork, strategy, and engineering creativity. The roaring RC cars, intense races, and energetic atmosphere made the event a thrilling experience for participants and spectators alike.

Event Highlights & Key Takeaways

- **Participation:** Brought together 5 competitive teams and 20 skilled racers battling for the top title.
- **Skills Tested:** Showcased precision speed, vehicle control, team strategy, and hands-on engineering creativity.
- **Platform for Motorsports:** Successfully created an engaging environment for students to explore practical motorsports and engineering beyond the classroom.
- **Community Spirit:** Backed by strong support from organizers and sponsors, standing out as a true celebration of passion and competitive spirit at SSET.



Basic Vehicle Maintenance & "Know Your Vehicle" Workshop

JANUARY 21, 2025 • AC-I, 101, AUTOMOBILE WORKSHOP

Bridging academic theory with practical automotive application, the SCMS Institute for Road Safety and Transportation (SiRST), in association with TORQUE and the Department of Automobile Engineering at SSET, organized a "Basic Vehicle Maintenance" and "Know Your Vehicle" workshop.

Held on January 21, 2025, at the Automobile Workshop (AC-I, 101), the program engaged 35 students from second-semester Civil and Automobile Engineering [cite: 12]. The workshop was inaugurated by Dr. Manoj Kumar B. (Associate Professor), with a welcome address delivered by Mr. Vipin Raj P. G.

Workshop Objectives & Resource Persons

- **Main Objectives:** Safety awareness, vehicle inspection skills, understanding warning signs, emergency preparedness, safe driving practices, and behavioral change.
- **Mr. Mobin C. M. (Assistant Professor, Dept. of AUE):** Spoke on "The Behavioural Aspects of Driving", road safety, and the "Know Your Vehicle Campaign".
- **Mr. Koshy P. Joseph (Assistant Professor, Dept. of AUE):** Delivered a session on pre-driving checks, ensuring safe working conditions before journey commencement.
- **Hands-On Training:** Faculty guided students through vehicle components, warning signs, inspecting engine oil, brakes, tire pressure, and practical maintenance.