



Newsletter: June – November 2023
Department of Automobile Engineering

NEWSLETTER

TORQUE & iCREATE Spark EV Innovation

AUGUST 24, 2023 • SSET CAMPUS

Empowering the next generation of electric mobility pioneers, TORQUE, the student association of the Automobile Engineering Department, partnered with iCreate to host the highly anticipated **"EVangelise-2023, Innovation Challenge/RISC-V"** at the SCMS School of Engineering & Technology (SSET) campus.

The full-day innovation drive served as a dynamic platform for students, early-stage startups, and EV enthusiasts to interact with top-tier technical experts. Building on the massive success of its previous editions—which saw over 2,000 applications and ₹1.5 Crores in prize money—the 2023 roadshow brought invaluable incubation opportunities directly to SSET students.

Key Highlights & Expert Delegation

- **Dr. Gurusamy Ramakrishnan** shared 32 years of expertise in IoT, cryptography, and startup mentorship.
- **Ms. Gladis Nair & Mr. Vijay Nair** delivered insights on professional transformation and corporate environments.
- **Mr. Parth Suthar & Mr. Vijoy KR** guided participants on data analytics, startup marketing, and personal branding.
- Culminated in an exciting opportunity for top participants to advance to the national Finale of EVangelise '23.



Disaster Management & Firefighting Workshop

NOVEMBER 14, 2023 • SEMINAR HALL 1

Equipping students with vital life-saving skills and emergency preparedness, the Department of Automobile Engineering organized a comprehensive workshop on **"Disaster Management, Fire Fighting & Rescue Operation"**.

Held at Seminar Hall 1 of the Administrative Block, the morning session drew 75 active student participants from diverse branches, including Automobile, Computer Science, Civil, Mechanical, Electrical, and Electronics engineering.

Core Training Modules & Expert Drills

- **Disaster Management Fundamentals:** Covered risk assessment frameworks, mitigation strategies, and crisis communication protocols.
- **Firefighting Techniques:** Provided practical instruction on fire extinguishers, team coordination under pressure, and safe evacuation.
- **Rescue & First Aid:** Addressed immediate response protocols, medical assistance, and patient stabilization techniques.
- Led by specialized emergency experts from the Angamaly division of Kerala Fire and Rescue Services.



Red Bull Soapbox Race Technical Briefing

NOVEMBER 18, 2023 • SSET CAMPUS

In an inspiring push toward hands-on motorsport engineering and creative design, TORQUE organized an exclusive technical briefing session in collaboration with **Red Bull India**.

The two-hour session drew enthusiastic participation from 92 students across Automobile and Mechanical Engineering departments, preparing student innovators for the Red Bull Soapbox Race scheduled for March 3, 2024, in Hyderabad.

Engineering Meets Ingenuity

- **Core Technical Topics:** Chassis balance, gravity-propulsion physics, steering geometry, and safety protocols.
- **Signature Philosophy:** Blending rigorous engineering fundamentals with outrageous creativity, showmanship, and fabrication.
- **Live Vehicle Display:** An authentic self-propelled soapbox vehicle allowed students to inspect functional steering linkages and braking setups.
- Successfully inspired interdisciplinary teams to conceptualize entries for the national stage.



SAEIndia Collegiate Club: Tier I Auto Quiz

NOVEMBER 20, 2023 • MINI CONFERENCE HALL

Testing the technical knowledge and quick-thinking abilities of aspiring engineers, the **SAEIndia Collegiate Club of SCMS (Cochin Division)** organized a thrilling Tier I Auto Quiz at the Administrative Block.

Backed by a robust collegiate club membership of 55 students, the fast-paced quiz witnessed active participation from 17 sharp engineering minds competing in teams through rigorous rounds of automotive trivia and core engineering principles.

Podium Winners & Recognition

- **FirstPlace:** Nived A Babu, Advait Deepu M, and Eshan Bava Navas (exceptional automotive knowledge).
- **Second Place:** Akshai K Suresh, C Sanchjua Sajeer, and Vignesh S. Nair (highly commendable team performance).
- **Purpose:** Kept students engaged with current industry trends and prepared them for regional and national SAEIndia conventions.



Tier I Technical Paper Presentation

NOVEMBER 21, 2023 • ACADEMIC BLOCK 1

Fostering research, critical thinking, and academic communication among engineering students, the **SAEIndia Collegiate Club of SCMS** successfully organized a specialized Tier I Technical Paper Presentation at AC1 102.

The focused academic event provided a platform for participants to showcase their technical acumen, present innovative engineering concepts, and articulate their research findings effectively before faculty evaluators.

Event Winners & Academic Impact

- **FirstPlace:** Hisham AbdulSalam (toppresenter showcasing exceptional research quality).
- **Second Place:** Ziyad Basheer and Prasad P (recognized for compelling technical insights).
- **Skill Building:** Refined vital technical communication and research skills needed for future mobility engineering conventions.

