

YMCAUST SAEINDIA Collegiate Club Activities 2016-2017

SAE India is an affiliate society of SAE International, registered as an Indian non profit engineering and scientific society dedicated to the advancement of mobility community in India.

SAE India holds a variety of competitions every year for engineering students across the country.^[7]

- SUPRA SAE India Student Formula
- Baja SAE India
- EFFI Cycle
- Aero Design
- Eco Kart
- AWIM

These are intercollegiate engineering design competition for undergraduate and graduate engineering students. The objective of the competition is to simulate real-world engineering design projects and their related challenges. Each team is competing to have its design accepted for manufacture by a fictitious firm. The students must function as a team to design, build, test, promote and compete a vehicle within the limits of the rules, also to generate financial support for their project and manage their educational priorities. To impart practical application of theoretical subjects to students of University YMCAUST SAE Collegiate club was formed in 2011. Activities of SAE Club in Academic Year 2016-2017:-

Activities	Academic Year	Under the Supervision / Faculty Advisors	Achievements'	Pictures
BAJA 17	2016-17	Dr. Navdeep Malhotra Mr. Mukesh Gupta	Student's team cleared Baja Virtual (1 st Round) with 71 st rank out of 350 teams in which design of the vehicle is evaluated. Final Round: Cleared Technical Inspection Round Cost Report evaluation : 1 st AIR (Won Prize worth Rupees 60,000) Innovation : 1 st AIR (Won Prize worth Rupees 60,000) Overall Rank : 90 th AIR	
SUPRA17	2016-17	Dr. Navdeep Malhotra Mr. Mukesh Gupta	Cleared Virtual round of SUPRA and fabricated Formula car. Team designs, builds and tests a prototype based on a series of rules, whose purpose is both ensuring on-track safety (the cars are driven by the students themselves) and promoting clever problem solving. Event held in Noida and team secures , Overall Rank : 49 th AIR	

FEST-2k16	2016-17	Dr. Navdeep Malhotra Mr. Mukesh Gupta	In FEST 2k16 of YMCAUST SAE Club Organised Quiz Competition and Paper Poster Presentation . Firstly, a written test was conducted for short listing students for QUIZ. Students participated actively in the Automobile Quiz Competition and Candidates from SAE Club demonstrated the slides from various Department (Suspension, Steering, Transmission, Brakes, Rollcage) and also elaborated the slides to them. It was very interactive session, doubts of the students were cleared by SAE Candidates.	
AWIM	2016-17	Dr. Navdeep Malhotra	SAE Volunteers work as Coordinators and Organisers for AWIM (A World in Motion). Till now YMCAUST SAE Collegiate Club have coordinated AWIM Delhi NCR region and Organised AWIM Ambala, Kurukshetra, Yamunanagar & Karnal region. Our Faculty advisor Received two Achievers award for his contribution.	
Autoshow	2016-17	Mr. Mukesh Gupta	SAE Club had Demonstrated their Vehicles (ATV CAR & F1 CAR) in an autoshow under Skill India Programme in front of Chief Guest Captain Abhimanyu (Finance Minister of Haryana) and T.C. Gupta(Vice president of skill India programme) in the Rajhans Hotel in Surajkund.	
Participate in Jigyasa Competition	2016-17	Mr. Mukesh Gupta	It is the competition for innovation in any Technical Field which was held in jaipur. SAE Club actively participated in the competition with Innovation in Steering having variable gear ratio.	