

Amrutvahini College of Engineering, Sangamner

Department of Mechanical Engineering

SAE INDIA COLLEGIATE CLUB STUDENT CHAPTER

The institute has an active SAE India Collegiate club through which students participate in State and National level competitions. Students of Department of Mechanical Engineering designed and developed various Models for SAE EFFICYCLE Competition, BAJA Vehicles for SAE BAJA National Competition and SUPRA Formula Racing Car for SAE SUPRA competition as well for Non SAE Events.

SAE INDIA COLLEGIATE CLUB STUDENT CHAPTER, *Activities*

Sr. No.	Date	Name of Activity	No. of participants	Outcomes
Academic Year: 2022-23				
1.	15 th - 20 th Feb. 2023	Participated in SAE BAJA 2023 competition at Pitampur, Indore (M.P.)	Team Size 30	Technical Inspection completed
2.	June 2023	Participated in SAE INDIA TIFAN 23	Team Size 30	“Best sales and Marketing” Award

ACTIVITIES AND PARTICIPATION IN VARIOUS COMPETITIONS BY STUDENTS





About SAE INDIA Collegiate Club

Successful SAEINDIA Collegiate clubs provide many benefits to their members and are assets to the engineering colleges where they are located. Collegiate clubs provide students with tangible contact with their future profession – engineering – and, in so doing, further the objectives of engineering education. The purpose of an SAEINDIA Collegiate Club is to increase the benefits of SAEINDIA student membership through special activities that includes affiliation with the sections. The students themselves through the elected officers administer college club affairs. Officers are counseled by the SAEINDIA faculty Adviser and Vice Chair – Student activities. The collegiate club functions according to its Constitution and such general rules as may be outlined by the SAEINDIA Engineering Education Board, SAEINDIA Students Activities Committee and the SAEINDIA Board of Director

A collegiate club is beneficial to the college and the section. A collegiate club

- Arranges for engineering authorities to provide informal and informative meetings with students.
- Stimulates student participation in projects that require the application of engineering knowledge and promote professional growth.
- Sponsors visits to industrial plants and engineering research centers.
- Encourages students to prepare technical presentations for collegiate club meetings, section meetings and for entry in student level competitions.
- Furthers informal contacts with engineers active in industry and government through joint meetings with the section.
- Arranges presentation of industrial and government films which illustrate the application of engineering principles.
- Provides students opportunities to gain experience in administering organizational activities, concluding meetings, taking part in committee activities and writing and speaking before groups.
- Offers social programs that help develop lasting friendships between students themselves, the faculty and section members.
- Provides additional exposure for members as well as clubs through the annual student design competitions and with the recognition and awards programs.

DEFINITIONS OF COLLEGIATE CLUB SAEINDIA

Collegiate Club - an official SAEINDIA Student Club having a minimum of 50 student members, with a senior faculty Adviser and additional faculty Adviser, elected student club officers constitute an SAEINDIA Collegiate Club. The club should have a formal program of projects and seminars, industrial visits and meetings. Successful SAEINDIA Collegiate clubs provide many benefits to their members and are assets to the engineering Colleges where they are located. Collegiate clubs provide the students with the ability to contact individuals working in the engineering fields and in doing so, further the objectives of engineering.

Various competitions under SAE COLLEGIATE CLUB

- 1. SAE BAJA**
- 2. SAE E-BAJA**
- 3. SAE SUPRA**
- 4. SAE EFFI-CYCLE**
- 5. TIFAN**
- 6. AERO DESIGN**

SAEINDIA Collegiate clubs offer student members organize programs and activities, fellowship, and leadership experience. SAEINDIA student members are also entitled to many of the services available to SAEINDIA's regular members.

. GOOD REASONS FOR STUDENTS TO JOIN SAEINDIA

Free Subscription to On - Line Magazines

- **AUTOMOTIVE ENGINEERING, AEROSPACE ENGINEERING AND OFF- HIGHWAY.** These award winning magazines key in on hot topics about ground vehicle and aircraft developments, providing members with a valuable resource to help keep pace with rapidly changing technology in the mobility industry. One hard copy of each is also sent to one of the faculty Advisers.
- **DISCOUNTS ON REGISTRATIONS FOR MAJOR SAEINDIA MEETINGS AND EXHIBITS** This unique benefit puts members in touch with professional engineers and hardware suppliers who determine the future of expanding mobility industry worldwide. This is a valuable educational placement resource.
- **DISCOUNTS ON SAE TECHNICAL PAPERS AND BOOKS INCLUDING THE HANDBOOK** These valuable research materials expand member's technical expertise on a variety of mobility related topics.
- **DISCOUNTS ON SAEINDIA TOP-TECH TRAINING PROGRAMS** Student members get a handsome discount on fees for top-tech training programs. In most cases they pay just about half of the regular fee.
- **FREE INDUSTRY VISITS** Students are taken to the leading automotive vehicle and component manufactories companies through their collegiate clubs based on request to these companies (however, it is no mandatory for these companies to accept the request all the time) These visits give first-hand information about the industrial environment.
- **DISCOUNT FOR TRANSFERRING TO REGULAR MEMBERSHIP** Members graduating from college can transfer into regular membership for only Rs. 800 + GST applied while studying.
- **PRIORITY PROJECT ALLOCATION FOR STUDENT PROJECTS** Automotive companies give preference for SAEINDIA student members in allocating industry projects and training.
- **CONTACTS AND NETWORKING** Build friendships and future contacts with other engineering students and professionals from local SAEINDIA section, while participating in collegiate club programs and projects.
- **SCHOLARSHIPS** There are many scholarships to be won both at section level and national level through SAEINDIA Foundation. Student members are eligible to apply for some of the SAE International scholarship also.
- **PRIORITY IN JOB OPPORTUNITY** Automotive companies give preference for SAEINDIA student members in selection of candidates for placement in their companies.