

Amrutvahini College of Engineering, Sangamner

Department of Mechanical Engineering

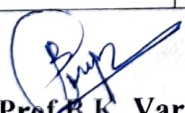
SAE INDIA COLLEGIATE CLUB STUDENT CHAPTER

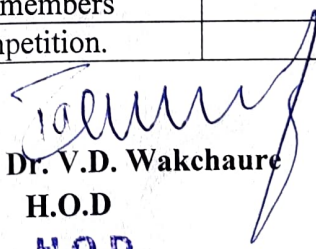
The institute has an active SAE India Collegiate club through which students participate in State and National level competitions. Students of Department of Mechanical Engineering designed and developed various Models for SAE EFFICYCLE Competition, BAJA Vehicles for SAE BAJA National Competition and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

SAE INDIA COLLEGIATE CLUB STUDENT CHAPTER, Activities

Year	Events	Remarks
2018-19	Participated SAE TIFAN 2019 Competition at MPKV, Rahuri	1st winner, Best Design Award
	Participated in Future Solar Design Challenge 2019 at Chitkara University, Rajpura, Punjab, 13-16 March 2019 by Team Sunsrikers	All India Rank 3 Winner in Autocross Runner in Solar Endurance
	Participated SAE BAJA 2019 competition at Pitampur, Indore (M.P.), 23 rd – 27 th January, 2019	-----
	Participated SAE E-BAJA 2019 competition at Pitampur, Indore (M.P.), 23 rd – 27 th January, 2019	31st virtual Round, Consolidated Prize of Rs.1,00,000
	Participated Formula Bharat 2019 competition at Coimbatore, Tamilnadu 23-27 January, 2019	29th Rank
	Participated SAE Student Formula 2019 competition at Budhha Circuit, Noida, U.P. 15-20 July, 2019	39th Rank
	Participated SAE AERO Design Challenge 2019 competition at Chennai.	13th Rank
	Participated SAE E-Bike 2019 competition at Erode, Tamilnadu 26-29 Sempember, 2019	AIR overall 24th Range Test 4th
2017-18	Participated SAE TIFAN 2018 Competition at MPKV, Rahuri	1st winner, Best Design Award Best Innovation Award Best Productivity Award
2016-17	Efficycle 2016 at LPU, Jalndar Punjab	37th Rank
2015-16	Participated in SAE BAJA 2015 -16 Virtual events by Team Titans and qualified for final event.	
	Participated in FINAL SAE BAJA 2016.	54th Rank (India)
2014-15	Participated in Virtual Efficycle 2014 and qualified for Final Round at UIET, Chandigarh.	
	Team Vikrant participated in Final competition at UIET, Chandigarh.	44th Rank (India)
	Participated in SAE BAJA 2014 -15 Virtual events by Team Titans and qualified for final event.	
	Participated in FINAL SAE BAJA 2015 at Pitampur, Indore (M.P.)	22nd Rank (India)

Year	Events	Remarks
	Participated in SAE SUPRA 2014 -15 virtual Rounds at Chennai and qualified for Final SUPRA event.	
	Participated in Final SUPRA 2015 event.	74 th Rank (India)
2013-14	Hosted the Virtual Efficycle round for western zone in AVCOE under SAE-Northern Section in which 100 students participated from Maharashtra, Goa, Gujarat, Rajasthan etc. organized by Maruti Suzuki India Ltd.	
	Participated in Virtual Efficycle 2013 and qualified for Final Round at UIET, Chandigarh	
	Team Vikrant participated in Final Efficycle 2013 competition at UIET, Chandigarh.	32 nd Rank
	Participated in SAE BAJA2013 -14 Virtual event by Team Titans and first time qualified for SAE BAJA final event.	
	Participated in FINAL SAE BAJA 2014 at Pitampur, Indore (M.P.)	7 th Rank (India) and 2 nd Rank (Maharashtra)
	Time Participated in Virtual SAE SUPRA 2014 -15 Round at Chennai	
2012-13	Hosted the Virtual Efficycle round for western zone in AVCOE under SAE-Northern Section from 17-18 th of July, 2012 in which 150 students participated from Maharashtra, Goa, Gujarat, Rajasthan etc. organized by Maruti Suzuki India Ltd.	
	Participated in Virtual Efficycle 2012 and qualified for Final Round at UIET, Chandigarh.	
	Team Vikrant participated in Final Efficycle 2012 competition at UIET, Chandigarh and.	39 th Rank (India)
2011-12	Formation SAE INDIA Collegiate Club	
2010-11	Student Chapter Organized Research Galaxy, a Two days National Level Symposium	
2009-10	Establishment of Student Chapter with 80 student members	
	Team Agni Participated in virtual SAE BAJA competition.	


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Prof. Dr. V.D. Wakchaure
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ACTIVITIES AND PARTICIPATION IN VARIOUS COMPETITIONS BY STUDENTS





SHOT ON MI A1
MI DUAL CAMERA





Amrutvahini College of Engineering, Sangamner

Department of Production Engineering

" Team Sunstrikers "




Features

1) Average Speed 45 Km/hr	3) Solar, Electric Charging
2) Solar Vehicle and strike 1.0	4) 2 Solar Panel of 325 Wt

--: Team members of Team Sunstrikers :-

1)Vishal Kadam (Captain) 2)Sushant Shirole (Vice-captain)

3)Atul shinde, 4)Vinod Patil, 5)Mayur Patil, 6)Kishor Jadhav, 7)Santosh Dafal, 8)Sagar Mahajan,

9)Tushar somvanshi, 10)Jayantilal More, 11)Vipin Somkuwar, 12)Shubham Shelke, 13)Shubham Bodake,

14)Haresh Gangurde, 15)Haushiram Wakchaure, 16)Devendra Jadhav, 17)Kiran Bagul, 18)Ankita Sonawane,

19)Chitali Labade, 20)Pradip Jathar, 21)Mahesh Gunjal, 22)Shubham Kasar, 23)Adesh Kadu, 24)Ankit Bhalerao,

25)Pritam Kadam, 26)Priyanka Bhagat, 27)Bhushan Wagh, 28)Shivani Bagul, 29)Nagorao kale, 30)Vishal Tayade



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.