

SAEINDIA Collegiate Club of SSMIET

SAE (Society of Automotive Engineers)

SAE INTERNATIONAL

SAE is a global association of more than 128,000 engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries. Our core competencies are life-long learning and voluntary consensus standards development.

Mission: To advance mobility knowledge and solutions for the benefit of humanity.

Vision: SAE is the leader in connecting and educating mobility professionals to enable safe, clean, and accessible mobility solutions.

SAEINDIA

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students.

SAE's Collegiate Design Series (CDS) competitions take students beyond textbook theory by enabling them to design, build, and test the performance of a real vehicle and then compete with other students from around the globe in exciting and intense competitions. All CDS competitions prepare undergraduate and graduate engineering students in a variety of disciplines for future employment in mobility-related industries by challenging them with a hands-on, team engineering experience that also requires budgeting, communication, project management, and resource management skills. Students also gain valuable exposure with recruiters from leading companies in the mobility industry to help land their first engineering job after graduation.

Vision & Mission

SAEINDIA is the most preferred technical body for knowledge dissemination & skill development of mobility professionals, students, and faculty

SAEINDIA is the trusted think-tank advising policymakers on Mobility-Related Matters

SAEINDIA is the self-sustaining Society with more than 10% of Mobility Professionals as Members

SAEINDIA is the nimble and Professional Organization Creating Value for Mobility Engineering Community

Why should you Join SAEINDIA?

Join a national organization affiliated with SAE International, designed to cater to the unique needs of the mobility engineering community. By becoming a member, you'll receive tailored benefits that enhance both your formal education and professional development. A multitude of opportunities and advantages are detailed below to showcase the value of your SAEINDIA membership.

SAEINDIA is one of the few professional engineering societies whose membership represents practically every engineering and scientific discipline. Its members combine their specialized abilities to further advance the research, development, design, manufacture and utilization of vehicles which operate on land and water and in air and space.

Membership provides for regular members to have access to emagazine- either Automotive Engineering International or Aerospace Engineering magazine. These award winning magazines target hot topics about ground vehicle and aircraft developments to provide members with a valuable resource for keeping pace with the rapidly changing technology in the mobility industry.

Members can purchase SAEINDIA and SAE International technical papers and publications at member discount prices.

Members receive free registration at SAEINDIA's lecture meetings and exhibits. This unique benefit puts the members in touch with other professional engineers and suppliers who determine the future of the expanding mobility industry worldwide.

Network with industry leaders and corporate officials at SAEINDIA meetings and local section activities.

Events for Professional Members	Events for Student SAE Members
Top Tech Lecture Meetings Faculty Advisor Forums KRT Trek SAE Paper Download KRT Convention AGM Knowledge Round Table (KRT) Faculty Internship In Industry (F2I) Awards & Nomination EDGE ADMMS International Conference – 2019 KRT Competition	Student Convention (Tier I, Tier 2 & Tier 3) SKIP Student Trek Supra SAEINDIA Aero Design Challenge Bicycle Design Competition Electric Two Wheeler Design Competition Tractor Design Competition Expert Speaker Panel Factory Visit COLT Student Execution Council ASOP Baja SAE

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For further more details just click on the below links

SAE INTERNATIONAL: <https://www.sae.org/>

SAEINDIA : <https://www.saeindia.org/>

SAEINDIA SOUTHERN SECTION: <http://saeiss.org/>

About SAEINDIA SSMIET Collegiate Club

The SAEINDIA SSMIET Collegiate Club is one of the most active collegiate clubs in Madurai division supports all the activities of SAEINDIA and has conducted numerous events like, BAJA, Aero Design Challenge apart from SAEINDIA Student Convention Tier I, II & III events.

The collegiate club arranges factory visits and lecture meet sessions for the benefits of student and professional members.

Club Details:

Collegiate club Id: SAECCSIS154

Membership: 50

Faculty Advisor: M.Prabakaran

Assistant Professor/ Mechanical Engineering

SSM Institute of Engineering & Technology, Dindigul

MC Member Madurai Division-SAEISS

SAEINDIA SSMIET Collegiate Club Office Bearers List (2023-24)

Sl.No	Designation	Student Member Name	Department
1.	Student Chairperson	Nirmal K	Mech
2.	Student Vice-Chairperson	Domnic Scaplar Raj A	EEE
3.	Student Secretary	Sivaram T	Mech
4.	Student Treasurer	Balasubramanian	EEE
5.	Student Reception Chair	Kaviarasu S	Mech
6.	Student Program Chair	Nagarajan M	Mech
7.	Student Publicity Chair	Praveen Manickam I	Mech
8.	Student Membership Chair	Kiruthickaran D	Mech

Student Convention 2023-24 Tier I Events

The kick start event of student convention 2023-24 Tier I was conducted in SSMIET from 24.10.2023 to 24.11.2023. The following competitions were conducted as a part of the event.

1. Business plan competition

2. Computer aided manufacturing
3. Technical paper presentation
4. Auto quiz
5. Welding
6. Sheet metal
7. Python programming
8. Geometrical dimensioning and tolerancing
9. Biomimicry
10. Bridge building
11. Mobile robotics
12. Internet of things
13. Mobile App development

Glimpses of Event



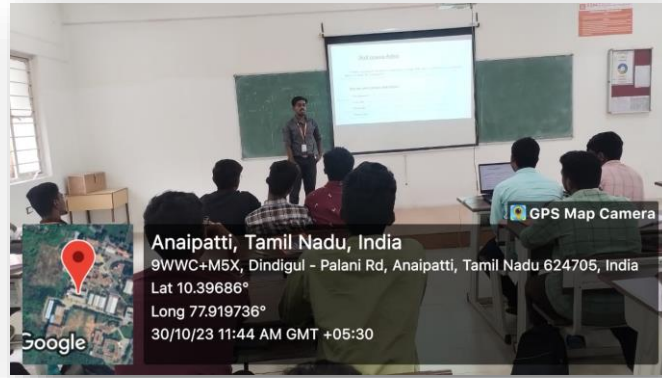
Sheet Metal



Welding



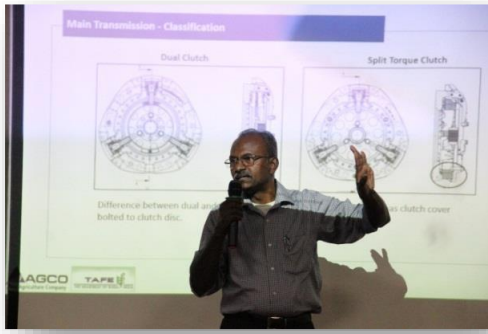
Auto-Quiz



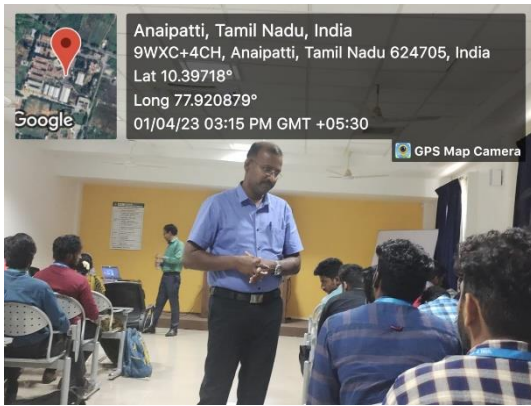
Technical Paper Presentation

Guest lectures organised by the collegiate club

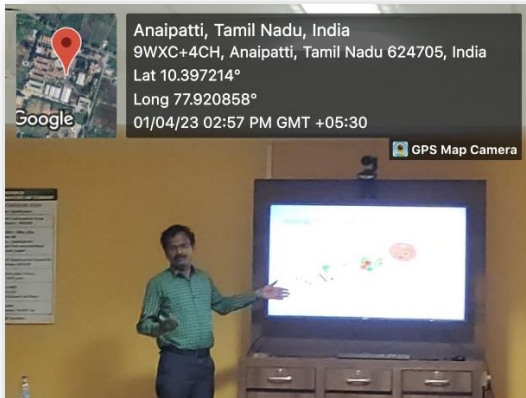
Sl.No	Name of the Event	Resource Person	Designation & Organisation	Date
1	Manufacturing Operations- Big M Change	Mr.S. Sivaram	AGM-production M/S TAFE Ltd., Madurai	06.10.2023
2	Awareness Session on Student Activities of SAEINDIA Collegiate Clubs	Dr.R. Kannan	Chairman Madurai Division- SAEISS Professor & Head Department of Mechanical Engineering PSNA College of Engineering & Technology, Dindigul.	06.10.2023
3	Importance of Interdisciplinary in Engineering	Mr.N. Vijayakumar	DGM-Product Development Mahindra & Mahindra Mahindra Research Valley- Chennai	01.04.2023
4	Awareness Session on SAEISS Student Activities	Dr.P. Baskara Sethupathi	Chairman MWC Division- SAEISS Assistant Professor (S.G)/Automobile Engineering SRM University-Chennai	01.04.2023
5	Lecture meeting on Basics of Tractors	Mr.L.G. Raghavan	DGM-Quality, M/S TAFE Ltd., Madurai.	12.01.2019



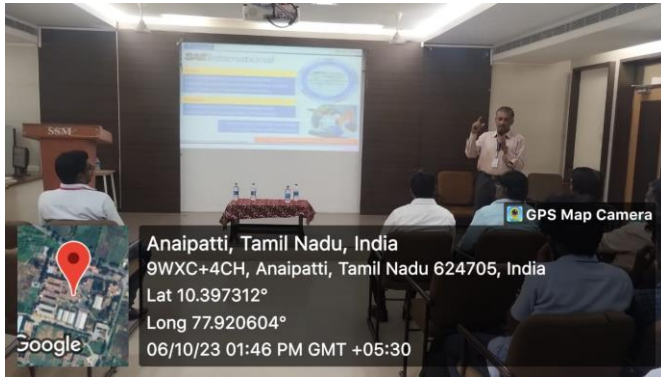
Lecture meeting on Basics of Tractors delivered by Mr.L.G.Ragavan, DGM-Quality TAFE Ltd., Madurai on 12.01.2019.



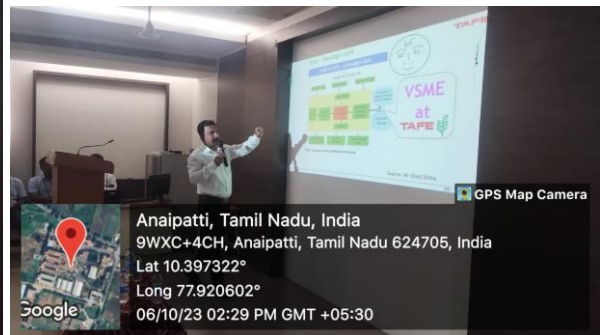
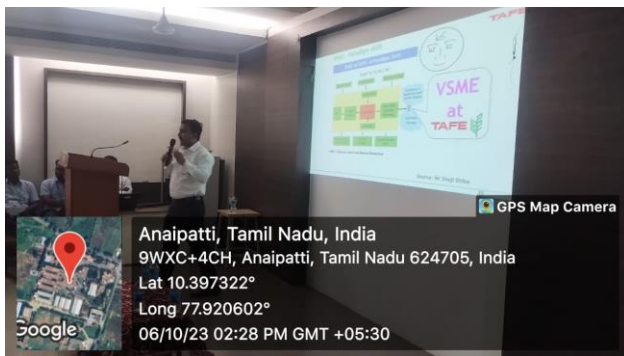
Awareness session on student activities of SAEINDIA collegiate clubs by Dr.P.Baskara Sethubathi, Chairman-MWC Division SAEISS, Asst.Prof Automobile Engg., SRM University, Chennai on 01.04.2023



Importance of Interdisciplinary in Engineering session by Mr. N. Vijayakumar DGM-product development, Mahindra & Mahindra, Chennai on 01.04.2023



Awareness session on student activities of SAEINDIA collegiate clubs by Dr.R.Kannan, Chairman- Madurai Division SAEISS, Prof & Head Mechanical Engg., PSNA CET on 06.10.2023.



Manufacturing Operation-Big M change-Lecture delivered by Mr.S.Sivaram, AGM-Production TAFE Ltd., Madurai on 06.10.2023.

Achievements

Mr. M. Prabhakaran Faculty Advisor- Collegiate Club of SAEINDIA SSMIET received volunteer award for professional member in annual awards ceremony held at Hotel Ramada Plaza, Chennai on 21-10-2023.



N.Lakshmi & M.Muthu Santhosh III year Mechanical Engineering student secured II place in Tier II Auto-Quiz event held at Velammal College of Engineering & Technology, Madurai on 28.04.2023 and qualified for Tier III event.

