



SRM VALLIAMMAI ENGINEERING COLLEGE
An Autonomous Institution
SRM Nagar, Kattankulathur-603 203.
Department of Mechanical Engineering



SAE EVENTS DURING 2019_20

1. A three-day Aero **Design Challenge - 2019 Final event** was held at SRM University from 19.07.2019 to 21.07.2019. Our College SAEINDIA VEC Collegiate Club Mechanical engineering students' team VEC AERONS for Regular and TEAM ROGUEHAWKS (Micro Class) – official Teams of SRM Valliammai Engineering College participated in the final event and obtained 36th rank out of 146 teams.
2. A three-day **Tractor Design Challenge - 2019 Final event** was held at SRM University from 22.08.19 to 24.08.19. Our team participated and cleared the following rounds: safety test, noise test, weighing test, brake test, chassis inspection, steering inspection.



3. A four days **BFKC Final event** was held at **Kari Motor speedway, Coimbatore** from 10.09.2019 to 13.09.2019. Our team participated and cleared the following rounds: Report presentation, Business plan, Design evaluation, Technical Inspection, Dynamic Evaluation. The above rounds were successfully completed and overall rank 6th position out of 96 was obtained. for 130CC category and 9th position out of 24 was obtained for 160CC category. And we got first place for business plan event.



Trojans (160 CC)



Excalibur (130 CC)

4. A four day **ETWDC Final event** was held at **Bannari Amman Institute of Technology, Erode** from 26.09.2019 to 29.09.2019. Our team participated and cleared the following rounds: weight checking, vehicle stability inspection, quality inspection, design log presentation, dynamics events like Manoeuvrability test, Vehicle range test. After successful completion of all category tests except Break test, overall rank 36th position out of 89 colleges was obtained.



5. Department of Mechanical Engineering and SAEVEC Collegiate club jointly organized an opening ceremony of 'FAB Lab' on 13.11.2019. **Dr. T. P. Ganesan, Director, SRM VEC & Pro-Vice Chancellor (P&D), SRMIST**, inaugurated the FAB Lab and visited the fabricated vehicles and achievements of the SAEVEC Collegiate club.





6. Mr. S. Sathishkumar, Mr. P. Sathishkumar, Mr. C. Saravanan, Mr. S. Ram Prasad and Mr. S. Santhosh Kumar, Students of Mechanical Engineering Department received an Appreciation Certificate from SAE International President Mr. Paul Mascarenas for the extra ordinary contributions as Volunteer in Aero Design Challenge workshop.

7. Received the first position in Business Plan round in Faculty in BFKC Final event was held at Kari Motor Speedway, Coimbatore.



8. A four day Workshop on '**Aero Modeling – Learn; How to Fly**' for school students on 04.12.2019. SRM VEC SAE Club students and Madras Aero Club Trainers demonstrated the fundamentals of aero modeling and a kit was provided to the participants.



9. A Three day **SAE ADC-2020 Final event** was held at **Bannariamman Institute of Technology, Sathyamangalam** from 28.02.2020 to 01.03.2020. Our team successfully completed the registration technical inspection and got approval for flying round. With a payload

of 2.625 kg, our airplane model took off and landed successfully after completing three consecutive laps on air. We came first in technical presentation out of the 150 teams and our students learnt many things from this event.

