

DEPARTMENT OF AUTOMOBILE ENGINEERING
PROGRAM OFFERED : B.E. AUTOMOBILE ENGINEERING

AutoXploR



e-NEWSLETTER
April, 2023

EDITORIAL MEMBERS

AutoXploR - e-NEWSLETTER

Dr. J. Venkatesan, Professor & Head

Dr. Ganesh V, Associate Professor & AHoD

Mr. R. Sakthivel, Assistant Professor

Mr. A.K. Boobalasesenthilraj, Assistant Professor

Mr. R. Vishwanth, Final Year B.E. Automobile
Engineering Student

Mr. P. Abinandan, Second Year B.E. Automobile
Engineering Student

INDUSTRIAL VISITS

- **First year B.E Automobile Engineering students** visited **Ashok Leyland Ltd.(Foundry division) Ltd., SIPCOT, Sriperumbudur** on 20th April 2023.

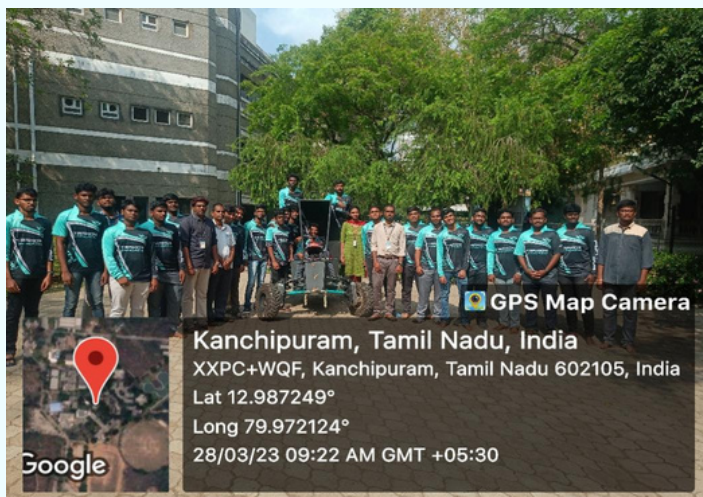


STUDENT ACHIEVEMENTS

- **Mr. Bennett Joseph D and Mr.S.P.Solaiyappan, final year students** have participated and presented Technical Paper Entitled as Active Bus Footboard Avoidance System(ABFAS) in the Sixth National conference on “ **Trends in Automotive Parts Systems and Applications**”**TAPSA 2023** organized by the SAEINDIA SKCET Collegiate Club on 5th and 6 th April 2023.
- **Mr Daniyal Ruban A, Mr Mukesh M, Mr. Shyam Kumar S, Mr Abishek A and Mr Senthilkumar S, third year students** have participated in webinar on the topic “**Electric Vehicles- Powertrain design, development and sizing**” by PALS on 20th April 2023.
- **Mr. Gowtham P G and Mr. Vikraanth, first year students** have participated in the **AeroModelling Workshop event of Takshashila 2023** held on March 30, 31 and 1st April 2023 at Chennai Institute of Technology.
- **Mr. J V Vigneshwaran, Mr. Rohith R R menon, Mr. Rudhan Chellapa S, third year and Mr. Kavi Raj E, first year student** have participated in the **Hackathon "HACT IT"** competition conduction by IT department SVCE held between 26th and 27th April 2023.
- **Mr. Daniyal Ruban. A, Mr. Yadhu Krishnan. P and Mr. Manish N, third year students** have participated in Inter-college Level Basketball Tournament at Sri Venkateswara College of Engineering, Pennalur conducted on 3rd April,2023.
- **Mr. Daniyal Ruban. A, Mr Yadhu Krishnan P and Mr Manish N, third year students** have participated in Intercollege Level Basketball Tournament at College of Engineering, Guindy conducted on 15th April,2023.

ASSOCIATION ACTIVITIES

- **Our College team TRAXION OFFROADING** consisting of 13 Automobile and 10 Mechanical and 3 Electrical and Electronics Engineering students, along with the Faculty Advisor **Mr. R. Sakthivel AP/AUT** participated in a National level all-terrain vehicle competition **EBAJA SAEINDIA 2023** held at **Chitkara University, Baddi, Himachal Pradesh** from 05.04.2023 to 10.04.2023.
- **The team secured the 15th position out of 27 teams that cleared technical inspections** and participated in the Final Endurance Race. Additionally, the team was awarded the **2nd runner-up position** in the 'Technology Innovation Event for using "Portal Axle system"'.
- The team was mentored by the following members: **Dr.V. Ganesh ASP/AUT, Mr.R. Sakthivel AP/AUT, Dr. S G Bharathidasan ASP/EEE, Dr. M. Sankar AP/EEE and Mr. J.Sivaramapandian, AP/MEC.**
- The Team **TRAXION OFFROADING** thanks the **SVCE Management** for extending a Sponsorship of **Rs. 1.0 Lakh** for the event.



ASSOCIATION ACTIVITIES



FACULTY CONTRIBUTIONS

Paper Presented

- **Dr.S.Premnath, Associate Professor** presented a technical paper titled as "**Design and analysis of 3 stage epicyclic planetary reduction gear for aircraft applications**" at 5th International Conference on Emerging Trends in Engineering and Technology (ICETET 2023) conducted by St.Joseph College of Engineering, Chennai, Tamilnadu on 19 & 20 April 2023.

PLACEMENT ACTIVITIES

Students Placed in April 2023

<i>Student Name</i>	<i>Company Name</i>	<i>Date of Placement Offer</i>
Mr. Lokesh K	M/s Shriram Finance Limited	17.04.2023
Mr. Hariharasudhan	M/s SL Lumax Limited	17.04.2023
Mr. Gautham G	M/s SL Lumax Limited	17.04.2023
Mr. Umarali A	M/s SL Lumax Limited	17.04.2023

As on April 31 2023, a total of 22 students got placed out of 26 students of batch 2019-23 opted for placement.

DEPARTMENT OF AUTOMOBILE ENGINEERING

The Department of Automobile Engineering was started in the year 1999 with sanctioned intake of 30. The intake was increased from 30 to 60 in the year 2009. The department has well-qualified and experienced faculty and staff members of proven ability and administrative skills. It has well equipped state-of-the-art laboratories that cater to the needs of the students. The department is actively engaged in teaching and research in the areas of Automobile Engineering and related areas. The department is accredited for three years in the year of 2018 by National Board of Accreditation.

Vision

To be a forerunner in producing Competent and Responsible Engineers in the field of Automobile and Associated areas to meet the ever-changing needs of the Global Automotive Industry and the Society.

Mission

Vision achieved by,

1. Providing the state-of-the-art laboratory facilities to train the learners to cater to the changing needs of the industries and the society.
2. Providing opportunities for the learners to bring out their total personality and emphasizing ethical values.
3. Preparing the learners to meet the growing challenges of the automotive industry and to fulfill the diverse societal needs of our nation.
4. Providing research and intellectual resources to address contemporary and complex problems of the industries and to advance interdisciplinary research and applications.
5. Providing compassionate and diverse environment to encourage the students to become innovators and job providers.

Program Educational Objectives

PEO1: To apply technical and professional skills in Automobile Engineering to meet the demanding and growing challenges of the industries.

PEO2: To apply professional and interpersonal skills by continuously focusing on learning towards higher education and research.

PEO3: To direct learners to become successful entrepreneurs by inculcating professionalism, responsibility, and ethics.