

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

# **AutoXploR**



**e-NEWSLETTER**  
**March, 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

# STUDENT ACHIEVEMENTS

- **Mr.S.P.Solaiyappan & Viswa K** , Final Year students have participated and presented Technical Paper Entitled as "Enhancing Vehicle performance by reducing drag" in the National conference on "**Recent trends in Automotive Technology**" organized by the Department of Automobile Engineering, SVCE on 23th and 24 th March 2023.
- The Team **ACCICARE** comprising of **Mr. Bennett Joseph D, Mr.S.P.Solaiyappan, Mr. Guruvignesh B, Mr. Sivashankaran K and Mr. Giridharan R**, Final year students, along with Faculty Mentor **Mr. R. Sakthivel Assistant Professor** have selected for the **PALS Innawah!** Event and participated Final Competition held on 4th March 2023 in IIT Madras Research Park, Taramani.



- **Mr. Shri Krishnaa G, Mr. Daniyal Ruban A and Mr Mukesh M**, third year students have attended an online lecture titled "**Industry 4.0- Application in foundry industry**" conducted by PALS on 9th March 2023.
- **Mr Vigneshwaran J V, Mr Sivasekar G**, third year students have participated in "**Workshop on electric vehicle architecture and simulation**" conducted by Mechanical department of Sri Venkateswara College of Engineering and sponsored by AICTE on 9th,10th March 2023.

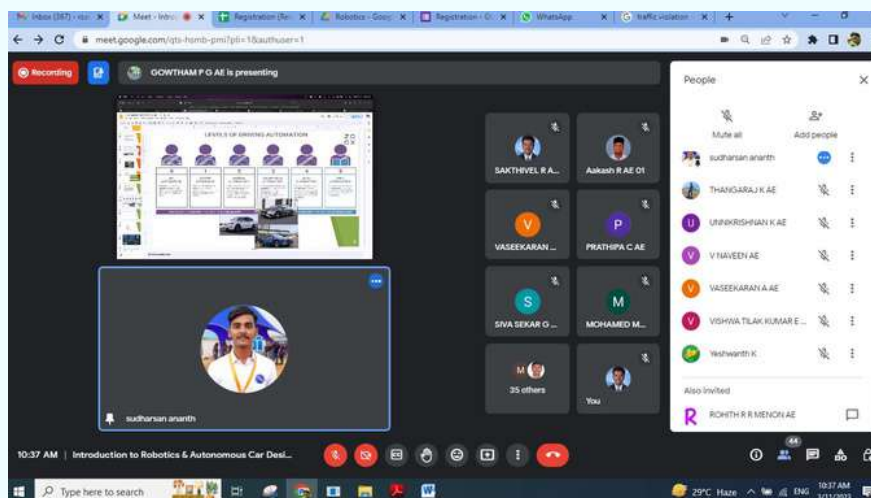
# STUDENT ACHIEVEMENTS

- **Mr. J. V. Vigneshwaran**, third year student has secured 2nd place and won Rs 1500 cash prize in the event of Technical paper Presentation at SRM Easwari Engineering College, Chennai during 23rd March 2023.
- **Mr. J. V. Vigneshwaran** third year student has participated in the event of Technical paper Presentation at Chennai Institute of Technology, Chennai during 29th March 2023.
- **Mr. Daniyal Ruban. A, M.r Yadhu Krishnan. P and Mr Manish N**, third year student have participated in All India Intercollegiate Basketball Tournament at SSN College of Engineering, Pennalur conducted on 15th March, 2023.
- **Mr. Aarya B G**, first year student has participated in the Silambam Competitions held at Coimbatore on 29th March, 2023.



# ASSOCIATION ACTIVITIES

- The Association of Automobile Engineers in association with Alumni Association of SVCE has organized a Webinar on "**Introduction to Robotics & Autonomous Car Design**" by **Mr. Sudharsan Ananth, (Alumnus: 2017-2021 Batch), M.S. Robotics & Automation, NYU Tandon School of Engineering, USA.** on 11th March 2023 (Saturday) at 10.00 - 11.00 AM.



- Association of Automobile Engineers (AAE) organized a one-day National Level Technical Symposium **TRAXION 2K23** on 31st March, 2023. The Chief Guest, **Mr. B. Madhanagopal, Head of Sourcing and Supply Chain at Doosan Bobcat India Pvt Ltd.,** delivered his inaugural address on the topic of "**Emerging Trends and Opportunities in the Automotive Industry in Asia.**"



# ASSOCIATION ACTIVITIES

- AUTO EXPO is the flagship event of TRAXION 23. The event hosts a huge display of wide varieties of vehicles, including cars, bikes, off-roaders. This event has inaugurated by the chief guest **Mr. B.Madhanagopal Head - Sourcing and Supply chain Doosan Bobcat India Pvt Ltd.**
- Students coordinators have explained the technical features of the displayed cars to guest and the participants the event has coordinated by Dr. V. Ganesh (Associate Professor, Department of Automobile Engineering, SVCE), Mr. K. Paul Durai (Assistant Professor, Department of Automobile Engineering, SVCE), Mr. Ramanjaneyulu Kolla (Assistant Professor, Department of Automobile Engineering, SVCE) and Mr. A. K. Boobalsenthilraj (Assistant Professor, Department of Automobile Engineering, SVCE).

**Venue** : Main Bus Bay

**Timings** : 10:00 am - 01:30 Pm



# ASSOCIATION ACTIVITIES

SAE Collegiate Club of SVCE organized a "SAEISS STUDENT CONVENTION 2K23" on 20th March 2023 (Monday).

**SAE CLUB OF SVCE**  
ANNA UNIVERSITY  
PENNALAR, SRIPERUMBUDUR 602 117, TAMIL NADU

**SVCE** Sri Velukaleswara College of Engineering  
AN AUTONOMOUS INSTITUTION-AFFILIATED TO ANNA UNIVERSITY  
PENNALAR, SRIPERUMBUDUR 602 117, TAMIL NADU

INSTITUTION'S INNOVATION COUNCIL  
SVCE IOAC  
Commitment for Quality

**SAE COLLEGIATE CLUB OF SVCE**

Organises

**SAEISS STUDENT CONVENTION 2022-23**

**TIER-1 EVENTS**

- AUTO QUIZ
- BUSINESS PLAN COMPETITION
- ENGINEERING DRAWING
- ENTREPRENEURSHIP
- GROUP DISCUSSION COMPETITION
- INTERNET OF THINGS
- MATERIAL IDENTIFICATION
- TECHNICAL PAPER PRESENTATION

20<sup>th</sup> MARCH  
2023



**Faculty Coordinator:**

- Dr. V. GANESH, A.HoD, ASSOCIATE PROFESSOR
- Mr. R. SAKTHIVEL, ASSISTANT PROFESSOR, AUTOMOBILE ENGINEERING
- Mr. J. SIVARAMAPANDIAN, ASSISTANT PROFESSOR, MECHANICAL ENGINEERING

**Student Coordinator:**

- Mr. ROHITH R R MENON
- Mr. G.SHRI KRISHNAA

**SCAN TO REGISTER**



<https://rb.gy/qhunrp>



# FACULTY CONTRIBUTIONS

## MoU

- Department of Automobile Engineering and Department of Computer Science Engineering, SVCE has signed a MoU with **M/S Sharda Motor Industries Ltd**, on 14.03.2022 for a period of one year.

## FDP / Workshop/Guestlecture/Training Attended

- **Mr. R. Sakthivel, Assistant Professor** has participated the **Faculty Advisors Forum Program** conducted by SAEINDIA Southen Section on 18th March 2023 at Chennai.



## Papers presented

- **Dr.S.Premnath, Associate Professor** presented a technical paper titled as **"Enhancing Vehicle Performance by reducing Air Drag"** at National Conference on "Innovations and Recent Trends in Automotive Technologies (**NCIRAT ' 23**) - 23rd March 2023 at MIT, Anna university.



# FACULTY CONTRIBUTIONS

## Projects submitted to AICTE and sanction obtained

- **Dr. V. Ganesh Associate Professor, Department of Automobile Engineering, SVCE**, has applied a funded project to the Chief Minister's Research Grant-Government Of Tamilnadu in the title "**Design And Implementation of A Variable Braking Force System Using Intelligent Dual Calipers In A Motorcycle**".
- **Dr.S.Premnath Associate Professor, Department of Automobile Engineering, SVCE** has applied a funded project to the Cheif Minister's Research Grant-Government of Tamilnadu in the title "**Investigation On On-Road Performance Of Hybrid And Electric Vehicles**".

## Sanctioned External Funded Project - TNSCST

- **Dr.S.Premnath, Associate Professor, Department of Automobile Engineering, SVCE** has received a grant of Rs. Seven thousand five hundred (**Rs.7500/-**) from Tamil Nadu State Council For Science And Technology (TNSCST) for the project "**Enhancing Driver Maneuverability By Replacing Side Mirrors With Cameras And Reducing Air Drag**"

## Academic honors

- **Mr. R. Sakthivel, Assistant Professor, Department of Automobile Engineering, SVCE** has received a the certificate in recognition of the review contribution of **the Measurement : Sensor journal** in the month of March 2023.

# PLACEMENT ACTIVITIES

## Students Placed in March 2023

<b>Student Name</b>	<b>Company Name</b>	<b>Date of Placement Offer</b>
Mr. Gunaseelan K	M/s Skillvertex	24.03.2023
Mr. Rohith Raja S	M/s Skillvertex	24.03.2023
Mr. Sudharshan K V	M/s Skillvertex	24.03.2023
Mr. Sabarish R	M/s Brakes India Ltd.	31.03.2023

As on March 31 2023, a total of 21 students got placed out of 25 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.