

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

# **AutoXploR**



**e-NEWSLETTER**  
**June, 2023**

# EDITORIAL TEAM

## Faculty



Dr J Venkatesan  
Professor & HoD



Dr V Ganesh  
Associate Professor &  
AHoD



Mr R Sakthivel  
Assistant Professor



Mr A K Boobalasantilraj  
Assistant Professor

## Students



Mr Rohith R R Menon  
III Year AUT



Mr P Abhinandan  
II Year AUT

# 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.

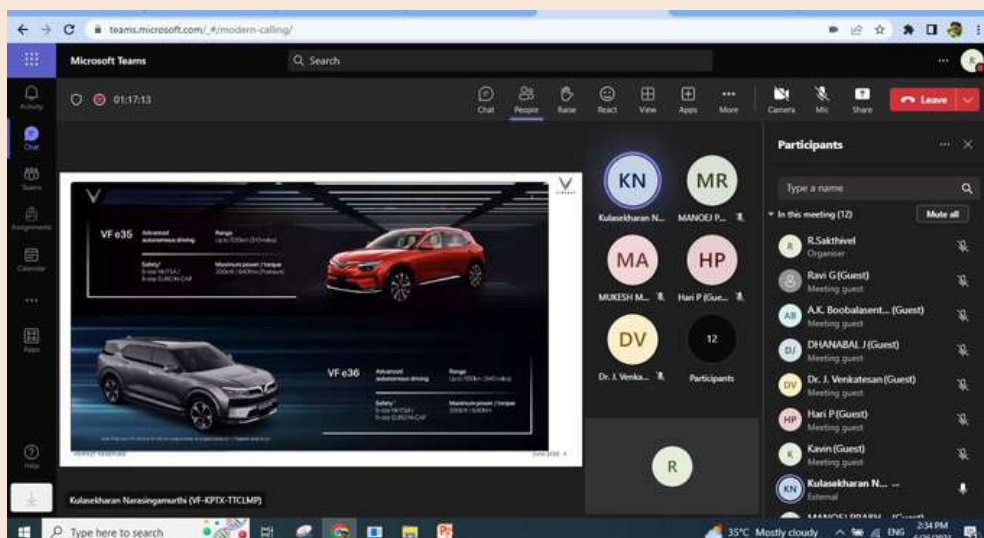
**PEO2:** To apply professional and interpersonal skills by continuously focusing on learning towards higher education and research.

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



# ASSOCIATION ACTIVITIES

Dr. Kulasekharan Naransingamurthi, Deputy Director - CAE at VINFAST, located in Vietnam has give Valedictory address the topic "Attribute management in BEVs". of the Association of Automobile Engineers (AAE) for the academic year 2022-2023. The event was held on 26.06.2023, from 2:00 P.M. to 3:00 P.M. through online.



# FACULTY CONTRIBUTIONS

## JOURNAL PUBLISHED

Dr. S. Premnath, Associate Professor published a paper titled 'Effective utilization of Biodiesel blends with nano additives on diesel engine towards eco sustainability' in the International journal - Materials Today: Proceedings. ELSEVIER Publications (Article in press).

## WORKSHOP ATTENDED

Dr. J. Venkatesan, Professor & Head and Mr. A. K. Boobalasesenthilraj, Assistant Professor attended a "One Day Holistic Faculty Development Programme" held on 05.06.2023 at Saint-Gobain, Sriperumbudur.

Mr. R. Sakthivel, Assistant Professor, was awarded a certificate for his commendable role as a PALS innoWAH! Faculty Mentor for student project titled "ACCICARE" at the PALS Valediction ceremony for the Academic year 2022-23. This significant event took place on 03.06.2023, hosted at the TTJ Auditorium, IC & SR Building, IIT Madras Campus.

# FACULTY CONTRIBUTIONS

## Ph.D Public Viva-Voce Examination

Mr. K. Paul Durai, Assistant Professor successfully defended his Ph.D Thesis in the public Viva-Voce Examination held on 07.06.2023 in Mechatronics Laboratory at Sri Venkateswara College of Engineering, under the guidance of Dr. S. Saravanan, a Professor, Department of Mechanical Engineering, SVCE.



# PROPOSAL SUBMITTED

Dr. V Ganesh, Associate Professor, and Mr. R. Sakthivel, Assistant Professor submitted a proposal for conducting a Six Day Faculty Development Training Programme on the subject "Vehicle Air Conditioning" in Centre for Faculty and Professional Development, Anna University, Chennai. The proposal is specifically designed for sixth-semester Automobile Engineering students. The training program aims to enhance the faculty's knowledge and expertise in this area, enabling them to provide comprehensive instruction to the students.



# RESEARCH RELATED COLLABORATIONS

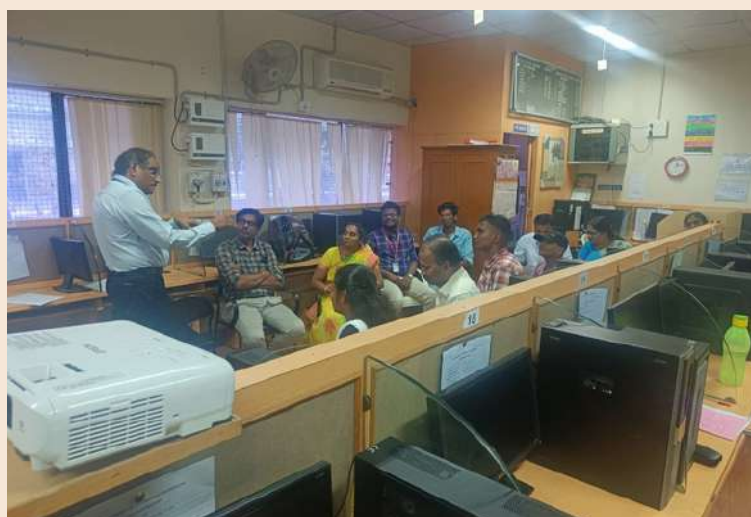
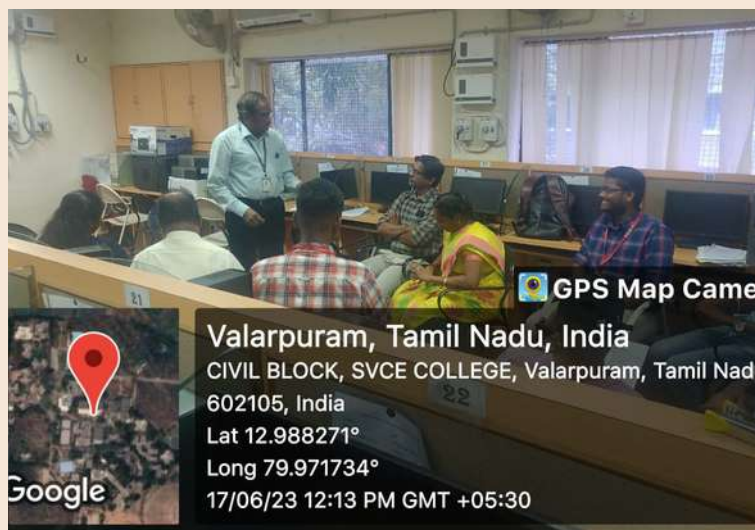
Dr. J. Venkatesan Professor & Head, Automobile Engineering, Dr. S. Gopinath, Professor, Mechanical Engineering, Dr. G. Devasagayam Professor & Head and Dr. G. Baskar Assistant Professor, Applied Chemistry visited IRMRA, Govt of India organization at Sri City, Andhra Pradesh on 21.06.2023 to discuss academic and research related collaborations.



# PARENTS TEACHER MEETING

The Parents Teacher Meeting for the Second Semester of Automobile Engineering was held on 17.06.2023. Dr. J. Venkatesan, Professor & Head explained the features of the Regulations R22 and emphasized the importance of career opportunities and industry-ready skills for the students.

Faculty advisor and Class Committee Chairperson discussed the academic performance of the students with their parents.



# SVCE PATHWAYS

The Department of Automobile Engineering organized SVCE PATHWAYS - "Driving innovation: Explore opportunities in Automobile Engineering" through online. The event took place on 23.06.2023. The sessions delved into the wide-ranging opportunities available in the Mobility Industries on a global scale.

SVCE is dedicated to providing the platform and resources for students to acquire the necessary skills and technologies to meet the global industry demands.



The poster features the SVCE Presents logo at the top left. The main title 'PATHWAYS' is in large blue letters with an orange arrow pointing up through the 'W'. Below it, the subtitle reads 'A webinar about opportunities in Automobile Engineering' followed by 'Driving Innovation: Explore Opportunities in Automobile Engineering'. A QR code is located in the top right corner with the text 'Scan here to Register' below it. The background has a hexagonal pattern. Four speakers are listed in circular frames: Joseph D (Final year student, 2019-2023), Saibernard Yogendran (Alumnus, 2014-2018, Masters in Robotics, University of Pennsylvania, Philadelphia, US), SP. Chidambaram (Alumnus, 2013-2017, Mechanical Engineer - Technology, Vehicle Control systems and wheel ends, Chassis Engineering, Volvo Group, North America), and Meenakshi Sundaram (Chief Technology Officer, Amalgamations Group, India). At the bottom, a Google Meet link is provided: <https://meet.google.com/jwc-cwfs-ypf>. A blue banner at the bottom contains the date and time '23-06-2023 9.00 AM to 10.30 AM' and a 'Register Now' button.

**SVCE**  
Presents

## PATHWAYS

Scan here to Register

A webinar about opportunities in Automobile Engineering  
**Driving Innovation: Explore Opportunities in Automobile Engineering**

**Joseph D**  
Final year student  
(2019-2023)

**Saibernard Yogendran**  
Alumnus (2014-2018)  
Masters in Robotics  
University of Pennsylvania  
Philadelphia, US

**SP. Chidambaram**  
Alumnus (2013-2017)  
Mechanical Engineer - Technology  
Vehicle Control systems and wheel  
ends, Chassis Engineering,  
Volvo Group, North America.

**Meenakshi Sundaram**  
Chief Technology Officer  
Amalgamations Group  
India

<https://meet.google.com/jwc-cwfs-ypf>

**23-06-2023 9.00 AM to 10.30 AM** **Register Now**