

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

# AutoXploR



**e-NEWSLETTER**  
**September, 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.

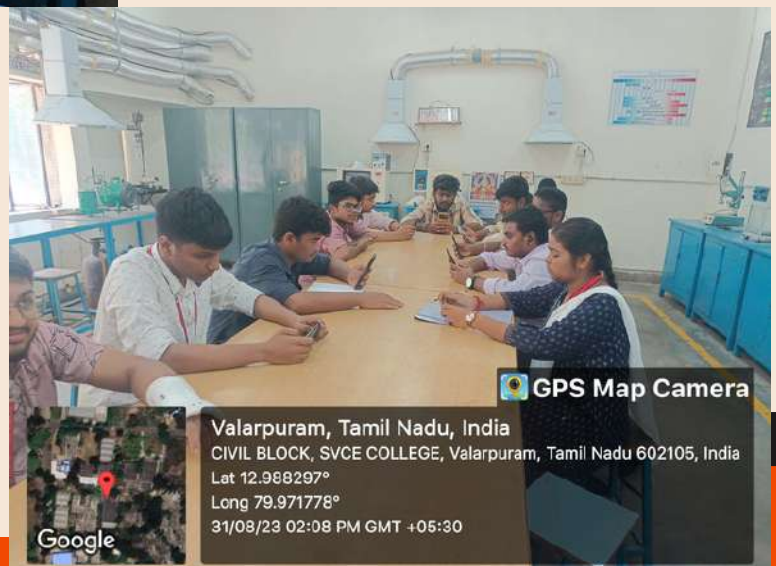
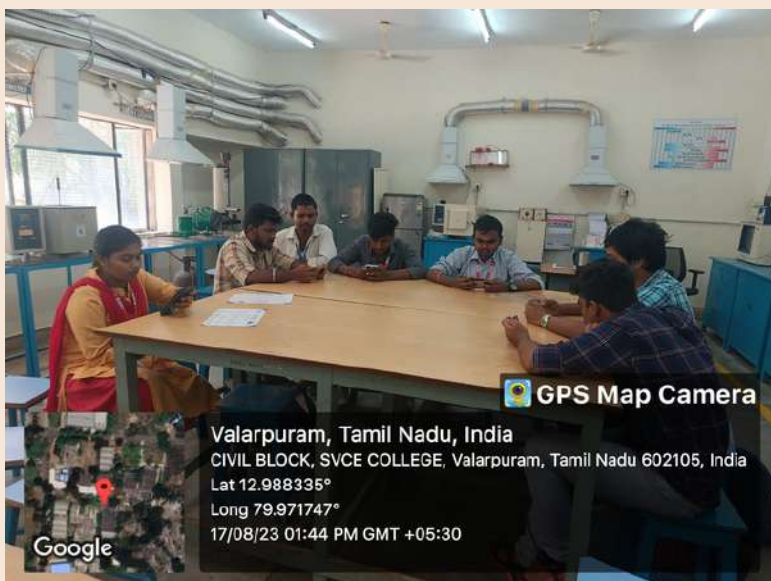
**PEO3:** To direct learners to become successful entrepreneurs by inculcating professionalism, responsibility, and ethics.



# STUDENTS ACHIEVEMENTS

## CO Curricular Activities

Eleven second-year Automobile Engineering students actively participated in the Industry-Assisted Lecture Series on Electric Vehicles. The comprehensive series comprised five virtual sessions, unfolding consecutively from August 10th to September 7th, 2023. Each session occurred on Thursdays from 01:30 PM to 03:30 PM, providing valuable insights into electric vehicle technology.



# STUDENTS ACHIEVEMENTS

## CO Curricular Activities

On September 22, 2023, at the Automotive Fuels and Lubrication Lab, a meeting was led by faculty advisors and Final Year Automobile student Shyam Kumar for registered teams— Team Volt Vanguard and Team Electro Knights. The agenda centered on benchmarking components, providing detailed explanations of powertrain and frame selection criteria for the SAEISS Dr. G Padmanabham Memorial Electric Two-Wheeler Design Competition (ETWDC 2024).



# STUDENTS ACHIEVEMENTS

## Placement

Thangaraj K, final-year Automobile Engineering student has been selected by M/s. Technologics and received the offer letter on 27-09-2023.



27-9-2023

**Thangaraj**  
Sri Venkateswara College of Engineering & Technology,  
Tamil Nadu.

Dear Thangaraj,

We would like to congratulate you on being selected for finishing school as a **Trainee Application Engineer** with Technologics Global Pvt. Ltd. The **Pre-Onboarding** Training will start during OFF-TIME of your academics schedule (Evenings/Weekends/Semester Breaks) for the period of 350 to 400 hours based on availability of candidates.  
On the performance & Readiness of candidates the actual onboarding will be done to our clients after the final assessment conducted on **beginning or mid of final semester**.

This program will also be considered as **Industrial level of Internship**. For the same a Internship certificate will be issued from our R&D Department.  
The whole team of Technologics Global Pvt. Ltd. is excited about your on-boarding for finishing school programme.

Your major training program will include (Either of 2 Domains) – **Industrial Automation / Building Management System /Java Full Stack**. Duration of the programme approximately will be 300 Hours.

Domain of Technical Competency – **Industrial Automation / Building Management system**.  
Duration of the programme approximately will be **300 Hours**.

Mode of Session – **Online Live Interactive with TECHNOLOGICS R&D/Project Team**



# FACULTY CONTRIBUTIONS

## TEACHERS DAY

Mr. J. Dhanabal, Dr. G. Ravi, Mr. Ramanjaneyulu Kolla and Mr.R. Sakthivel, Assistant Professor represented the cricket team and Tug of War Competition along with other department faculty members and won the winner prize during the Teacher's Day celebration held on 05.09.2023.





# RESEARCH RELATED COLLABORATIONS

Dr. J. Venkatesan Professor & Head, Automobile Engineering has attended as a Special Invitee and Dr. V. Ganesh, Associate Professor and Mr. R. Sakthivel, Assistant Professor, Department of Automobile Engineering have participated as Delegates for Indian Rubber Manufacturers Research Association (IRMRA) 24th Rubber Conference on Sustainability & Circular Economy - Challenges and Opportunities for Rubber Industries at Chennai Trade Centre between 21.09.2023 and 23.09.2023.



# RESEARCH RELATED COLLABORATIONS

Mr. R. Sakthivel, Assistant Professor, achieved a notable milestone by becoming a reviewer for the BOHR International Journal of Engineering (BIJE) at Bohr Publishers on September 7, 2023, and the SAE Technical Papers on September 11, 2023, thereby enhancing his contributions to the academic and editorial aspects of engineering research.

# PARENTS TEACHER MEETING

The Parents Teacher Meeting for Senior Semester of Automobile Engineering was held on 23.09.2023. Faculty members from the Department interacted with the parents about their ward's academic performance and emphasized the importance of career opportunities and industry-ready skills for the students.

