

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

AutoXploR



e-NEWSLETTER
November, 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.

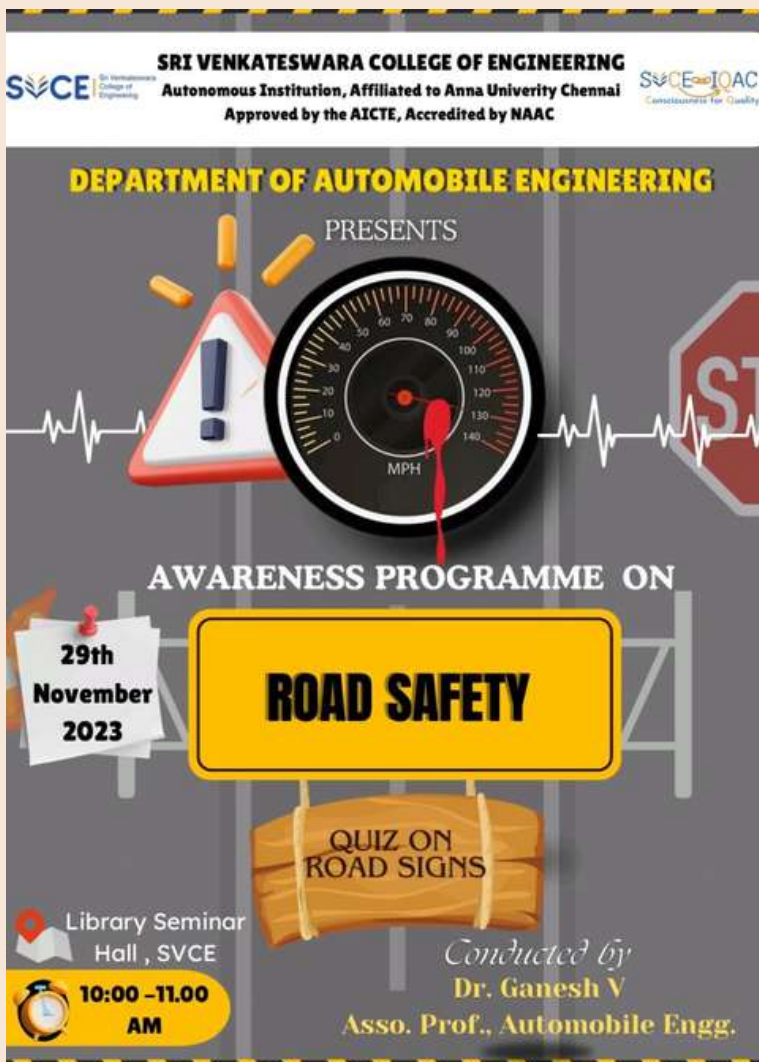
INDUSTRY VISIT

The Department of Automobile Engineering, Sri Venkateswara College of Engineering successfully organized an industry visit for II year B.E. Automobile Engineering students to Sundaram Fasteners, Mahindra World City, Chengalpattu on 28.11.2023. Accompanied by Mr. R. Sakthivel, Asst. Professor, Department of Automobile Engineering.



ASSOCIATION ACTIVITIES

The Department of Automobile Engineering at Sri Venkateswara College of Engineering has conducted the "Road Safety Awareness Programme for Riders" every last week since September 2023. Dr. V. Ganesh, Associate Professor, delivered the session on 29.11.2023 at the Central Library, witnessing enthusiastic participation from college staff in the transport section.



SRI VENKATESWARA COLLEGE OF ENGINEERING
Autonomous Institution, Affiliated to Anna University Chennai
Approved by the AICTE, Accredited by NAAC

DEPARTMENT OF AUTOMOBILE ENGINEERING
PRESENTS

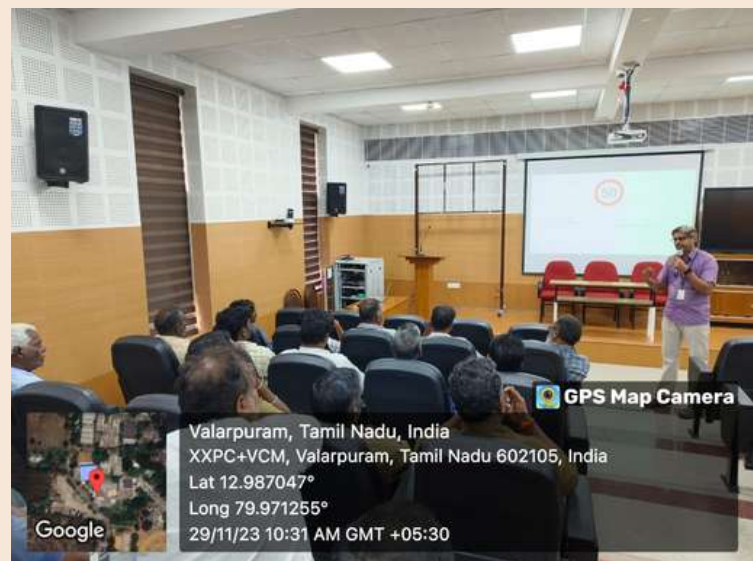
AWARENESS PROGRAMME ON
ROAD SAFETY

29th November 2023

QUIZ ON ROAD SIGNS

Library Seminar Hall, SVCE
10:00 - 11.00 AM

Conducted by
Dr. Ganesh V
Asso. Prof., Automobile Engg.



Dr. V. Ganesh, Associate Professor, Department of Automobile Engineering delivered the session on Virtual lab awareness programme to the II year students on 9.11.2023 in Auto CADD Lab.



Every Tuesday and Thursday, hands-on training sessions were conducted by Dr. V. Ganesh, Associate Professor, Department of Automobile Engineering for second-year students in the Automobile Components Lab, focusing on the field of Automobile Engineering from 3:15 to 4:15 PM.



RESEARCH RELATED COLLABORATIONS

Dr. V. Ganesh, Associate Professor, Dr. G. Ravi, Mr. R. Sakthivel and Mr. A.K. Boobalasantilraj Assistant Professors and Mr. S. Shyam Kumar, Mr. S. Senthil Kumar and Mr. J. V. Vigneshwaran. J. V IV Year Students have attended the 3rd edition of "Motion in Control 2023, Vehicle Dynamics & ADAS Conference," organized by SAEINDIA Northern Section and supported by Maruti Suzuki India Limited, ICAT-International Centre for Automotive Technology, Global Automotive Research Centre (GARC) and Automotive test Systems scheduled on 30th Nov. & 1st Dec. 2023 at the Global Automotive Research Centre (GARC) in Chennai. It provided valuable insights and an industry perspective on adopting the Adas system, ensuring vehicle dynamics stability. The real-time demonstration of vehicle testing on the track was truly insightful.

The poster features the SAEINDIA Northern Section logo at the top. Below it, the text 'Presents' is followed by the main title 'MOTION IN CONTROL - III' in large, bold letters. Underneath, it says 'INDIAN VEHICLES DYNAMICS AND ADAS CONFERENCE' and 'ONE EVENT. TWO LOCATIONS.' The dates and locations are listed: '21 Nov - 22 Nov 2023 ICAT TEST TRACK, MANESAR' and '30 Nov - 01 Dec 2023 GARC, CHENNAI'. A section titled 'Sponsors & Technology Partners' lists logos for MICRYE, Applus, IDIADA, OXTS, CEAT, GABRIEL, TENNECO, AVL, AB DYNAMICS, and JTEKT. Below that, 'Supported by' includes MARUTI SUZUKI and 'Media Partner' includes MOBILITY OUTLOOK.



RESEARCH RELATED COLLABORATIONS



FACULTY CONTRIBUTIONS

Dr. S. Premnath, Associate Professor has participated in the international workshop on Research Ethics for Scholars and Librarians on 18.11.2023.

Dr, J Venkatesan, Professor & HoD, Department of Automobile Engineering has participated in the 7 Day National level Online Faculty Development Program on Outcome Based Education and Essential AI Tools for Teachers, organized by The Internal Quality Assurance Cell (IQAC) and the Department of Computer Science, St. Albert's College (Autonomous), Ernakulam, in association with The Kerala State Higher Education Council (KSHEC) from 02.11.2023 to 9.11.203 and has successfully completed all the tasks, assignments and assessments and secured an A grade.

Dr. V. Ganesh, Associate Professor, Department of Automobile Engineering, performed as a jury member for the Kaizen competition organized by Western Thomson (India) Ltd for the employees of its group of companies on 27.11.2023.


RESEARCH RELATED COLLABORATIONS

Mr. R. Sakthivel, Assistant Professor received appreciation from BOHR International Journal of Engineering (BIJE) for review of the article titled "Ameliorating vibratory roller quality based on two methods of cab's horizontal damper and cab's active suspension" on 29.11.2023.

STUDENTS ACHIEVEMENTS

Internship

Mr. A. Abishek and Mr. S. Shyam Kumar, Final Year B.E. Automobile Engineering Students, completed an Internship Program at CAPCP Engineering Services Private Limited in the Department of Vehicle Dynamics using Matlab and Simulink, and Simulation using AV-Simulator from 03.10. 2023 to 30.11.2023.


Differences Discovered

CAPCP/HR/2023-2024/22-12-2023/38


CHENNAI.

Completion Certificate

This is to certify that Mr. A. Abishek, Reg NO. 2127200101003, Final Year BE Automobile Engineering Student from Sri Venkateswara College of Engineering is completed his Internship Programme in our organization in the department of Vehicle dynamics using Matlab and Simulink and Simulation using AV-Simulator from 03rd October 2023 to 30th November 2023 under the guidance of our manager.

We appreciate his work and contributions and wish him all the best in his endeavours.

Regards,



E N Karthikeyan
SR-HR

CAPCP Engineering Services Private Limited
No -50 -55, Vanagaram Main Rd, Kil Ayanambakkam, Chennai, Tamil Nadu - 600095.
Phone: 044-42017887; Email: - enquiry@capcp.in; www.capcp.in GST No.: 33AAFC9970K227

STUDENTS ACHIEVEMENTS

Placement

Placement Report (2024 Batch):

Mr. Rohit R R Menon and Mr. Vigneshwaran. J. V, IV Year Students got an offer in M/s Royal Enfield with a salary of 5.25 LPA as a Graduate Engineer Trainee (GET).



Mr. Rohit R R Menon



Mr. Vigneshwaran. J. V

