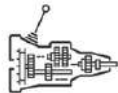


DEPARTMENT OF AUTOMOBILE ENGINEERING
PROGRAM OFFERED : B.E. AUTOMOBILE ENGINEERING

AutoXploR



e-NEWSLETTER
May, 2024



EDITORIAL TEAM

Faculty



Dr J Venkatesan
Professor & HoD



Dr V Ganesh
Associate Professor &
AHoD



Mr R Sakthivel
Assistant Professor



Mr A K Boobalaseshthilraj
Assistant Professor

Students



Mr Rohith R R Menon
IV Year AUT



Mr P Abhinandan
III 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 by National Board of Accreditation till June 2025. A new program B.E. Mechanical Engineering (Automobile) will be started from AY 2024-25.

Vision

To be recognized as a distinguished department renowned for producing competent and responsible mechanical engineers specialized in automobile engineering, meeting the dynamic demands of automotive industries on national and global scale, nurtured by exceptional facilities and support Mission.

Mission

Vision achieved by,

1. Igniting the passion of individuals for learning, research, and innovation by establishing collaborative learning through dynamic teaching methodologies, hands-on experiences, and research opportunities, to contribute in the advancement of automotive technologies.
2. Advancing the competency of individuals through comprehensive academic curriculum, state-of-the-art-laboratory facilities, and training on critical thinking skills to comprehend industry requirements and provide innovative solutions in the automotive and associated domains.
3. Providing engineering and technological solutions for challenges such as sustainability, safety, and efficient transportation at national and global levels, through interdisciplinary collaboration, and cutting-edge research in collaboration with industry partners, government agencies, and academic institutions.

Program Educational Objectives

PEO1: Graduates will have acquired a strong foundation in mechanical engineering principles and specialized knowledge in automobile engineering, adapted to technological advancements leading to successful careers in the automotive and manufacturing industries.

PEO2: Graduates will showcase the ability for innovation and flexibility in embracing technological progress and evolving industry dynamics, fostering a commitment to ongoing learning, culminating further academic pursuits and research endeavors.

PEO3: Graduates will understand the ethical, social, and environmental implications and adhere to the principles of ethical conduct, sustainability, and corporate responsibility to become responsible professionals and successful entrepreneurs.

ASSOCIATION ACTIVITIES

GUEST LECTURE

The Association of Automobile Engineering (AAE) & SAE Collegiate Club of SVCE of the Department of Automobile Engineering organized the Valedictory function 2023-24 of the Association of Automobile Engineering, SVCE. Mr. Saikiran Lokesh, AGM, ZF Commercial Vehicle Control Systems India Ltd., presided over the function and delivered a special lecture on "Recent Trends in ADAS in Automotives". The event was held on 11.05.2024 (Saturday) at 10:00 am through online.



The poster features the SVCE logo at the top center, with the text 'Sri Venkateswara College of Engineering' and '(An Autonomous Institution - Affiliated to Anna University, Chennai) Sriperumbudur Tk - 602117, Tamil Nadu'. To the right is the logo of the Institution's Innovation Council. Below this, the text reads 'DEPARTMENT OF AUTOMOBILE ENGINEERING' and 'solicit your esteemed presence for Valedictory function of ASSOCIATION OF AUTOMOBILE ENGINEERS'. The SAE Club of SVCE logo is on the right. The main title is 'Recent Trends in ADAS in Automotives'. On the left is an image of a person in a car interacting with a futuristic dashboard. On the right is a circular portrait of Mr. SAIKIRAN L, Assistant General Manager and Engineering Leader - R&D at ZF Commercial Vehicle Control Systems India Ltd. Below the portrait, it says 'ALL ARE CORDIALLY INVITED'. At the bottom left, it lists 'Faculty Coordinators: Mr. J. Dhanabal, Assistant Professor; Mr. R. Sakthivel, Assistant Professor' and 'Convenor: Dr. J. Venkatesan, Professor & Head; Dr. V. Ganesh, Associate Professor & A.HoD'. At the bottom right, it provides the 'Link: https://meet.google.com/uog-ekix-miz', 'Date: May 11, 2024 (Saturday)', and 'Time: 10:00 AM to 11:00 AM (IST)'. The website 'svce.ac.in' is at the bottom left, and the SVCE logo is at the bottom right.

SVCE | Sri Venkateswara
College of
Engineering
(An Autonomous Institution - Affiliated to Anna University, Chennai)
Sriperumbudur Tk - 602117, Tamil Nadu

DEPARTMENT OF AUTOMOBILE ENGINEERING

solicit your esteemed presence for
Valedictory function of
ASSOCIATION OF AUTOMOBILE ENGINEERS

SAE CLUB OF SVCE

Recent Trends in ADAS in Automotives

Mr. SAIKIRAN L
Assistant General Manager
Engineering Leader - R&D
ZF Commercial Vehicle Control Systems India Ltd

ALL ARE CORDIALLY INVITED

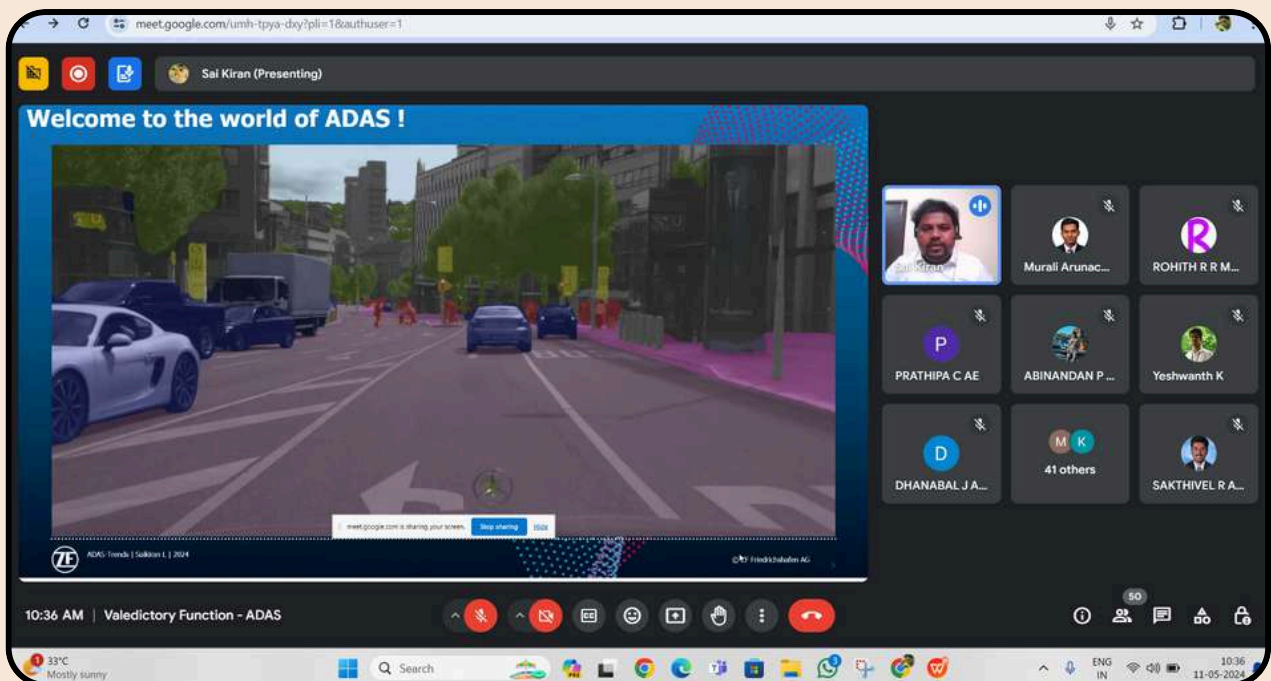
Faculty Coordinators
Mr. J. Dhanabal, Assistant Professor
Mr. R. Sakthivel, Assistant Professor

Convenor
Dr. J. Venkatesan, Professor & Head
Dr. V. Ganesh, Associate Professor & A.HoD

Link : <https://meet.google.com/uog-ekix-miz>
Date : May 11, 2024 (Saturday)
Time : 10:00 AM to 11:00 AM (IST)

svce.ac.in

ASSOCIATION ACTIVITIES



Mr. Saikiran Lokesh, AGM, ZF Commercial Vehicle Control Systems India Ltd. delivering the session during the Valedictory function

SVCE PATHWAYS

The Department of Automobile Engineering, Sri Venkateswara College of Engineering have organized the Pathways on May 4, 2024, for an aspiring students for the topic of "Driving towards Automotive Future." Explore beyond textbooks and delve into the innovative world of engineering solutions”



The poster features the SVCE 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 'Driving towards Automotive Future' is in blue and orange. A QR code is located in the top right corner with the text 'Scan here to Register' below it. The poster lists four speakers in a 2x2 grid, each with a portrait photo and a nameplate. At the bottom, there is a Google Meet link, the name of the co-ordinator, and a registration button.

SVCE

PATHWAYS
Driving towards **Automotive Future**

Scan here to Register

Dr. J. Venkatesan
Professor & Head
Department of Automobile Engineering, SVCE

Mr. SP. Chidambaram
Mechanical Engineer - Technology
Vehicle control systems and wheel ends,
Chassis Engineering, Volvo Group North America

Mr. Saibernard Yogendran
Pursuing Masters in Robotics
University of Pennsylvania

Mr. Meenakshi Sundaram
Chief Technology Officer
Amalgamations Group

 meet.google.com/nud-bsbz-zgz

Co-ordinator : **Dr. Ganesh V**, ASP/Automobile Engineering

04-05-2024 **10:30 AM - 11:30 AM** **Register Now**

FACULTY DEVELOPMENT PROGRAM

The Department of Automobile Engineering is organized a five-day Faculty Development Programme on "The Road Ahead: Challenges and Trends in Automotive Technologies" from May 27 to 31, 2024, through online mode. The program has coordinated by Dr. S. Premnath, Associate professor, Mr. J. Dhanabal, Assistant Professor and Mr. Ramananeyulu Kolla, Assistant Professor.

Five Day Online Faculty Development Programme

on

THE ROAD AHEAD: CHALLENGES AND TRENDS IN AUTOMOTIVE TECHNOLOGIES

Convenor

Dr. J. Venkatesan

Coordinators

Dr. S. Premnath
Mr. J. Dhanabal
Mr. Ramananeyulu Kolla



Organized by

Department of Automobile Engineering

SVCE | Sri Venkateswara
College of
Engineering
(Autonomous Institution, Affiliated to Anna University)
Pennalur, Sriperumbudur (Tk) 602 117, Tamil Nadu, India
Phone: 044 27152000, Ext: 450, 454

ABOUT THE FDP

The FDP is approved and supported by SAE Collegiate club of SVCE. This programme will be useful for the young faculty members handling subjects in the field of Mechanical and Automobile Engineering.

TOPICS TO BE COVERED

- AI and its Impact on Mobility
- Advancements in E-mobility
- Automotive Design and Styling Trends
- Recent Advancements in Vehicle Dynamics
- Vehicle Simulation Trends
- Advanced IC Engine's Emission Technologies

RESOURCE PERSONS

The sessions will cover various topics and will be handled by experts from leading industries, R&D centres and other reputed institutions.

REGISTRATION FEE

Registration Fee: Rs. 200/-

- The registration form can be downloaded from college web site, www.svce.ac.in.

PAYMENT DETAILS

Account Number : 467296111
Account Name : SAE Collegiate Club
Bank : INDIAN BANK
Branch : Sriperumbudur
IFSC CODE : IDIB000S080

REGISTRATION LINK

<https://forms.gle/gicGzAa8jJkWF2cp7>

ORGANIZING COMMITTEE

CHIEF PATRON : Dr. A.C. Muthiah
Chairman
Governing Council
SVEHT

PATRON : Dr. M. Sivanandham
Secretary
SVEHT

CHAIR : Dr. S. Ganesh Vaidyanathan
Principal, SVCE

CONVENOR : Dr. J. Venkatesan
Professor & Head
Department of Automobile
Engineering

COORDINATORS:
Dr. S. Premnath
Associate Professor
Department of Automobile
Engineering

Mr. J. Dhanabal
Mr. Ramananeyulu Kolla
Assistant Professors
Department of Automobile
Engineering

VENUE: Online (Google Meet)

IMPORTANT DATES:

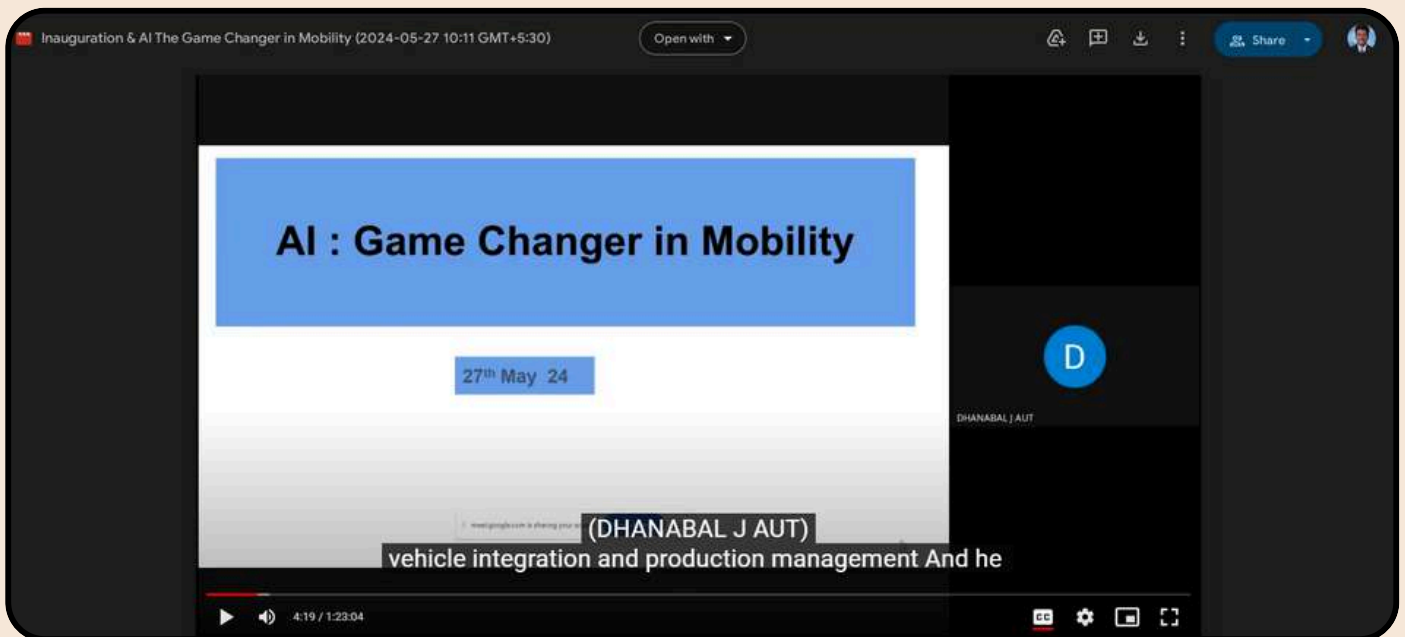
Submission of Application : 25.05.2024

Intimation of selection : 25.05.2024

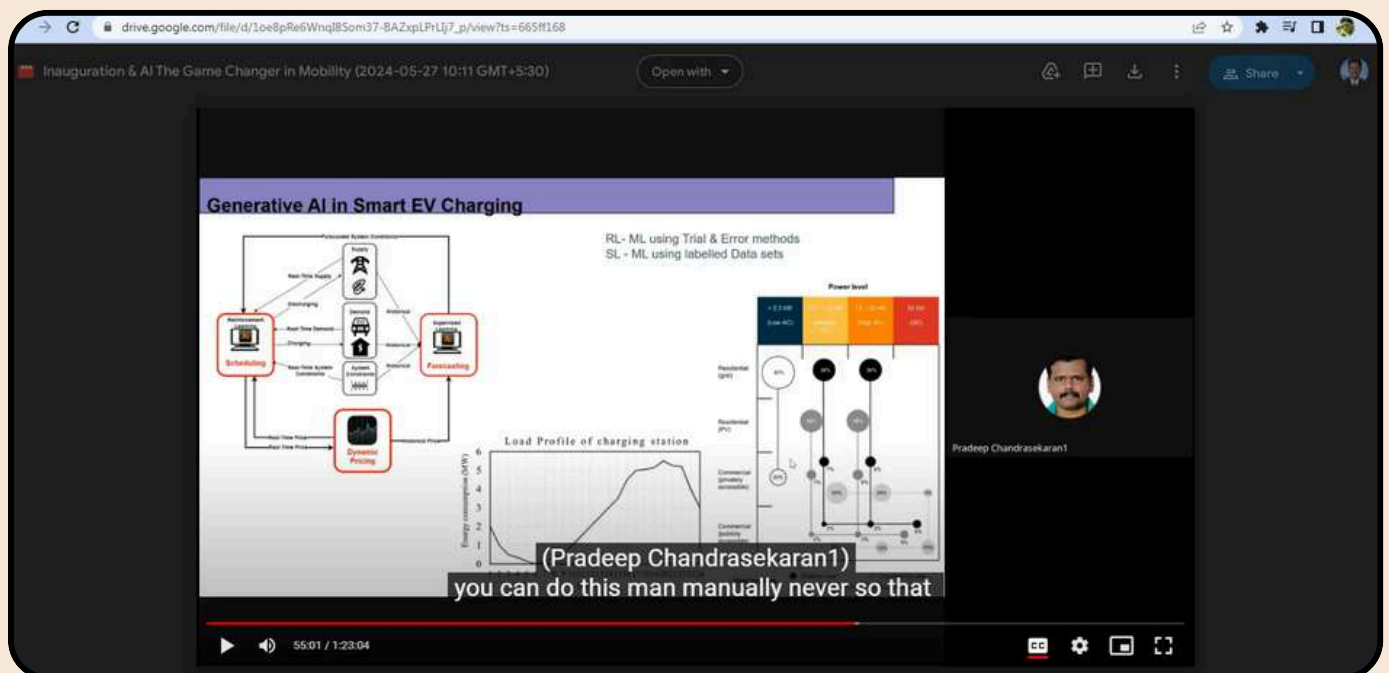
Confirmation by Participants : 26.05.2024



FACULTY DEVELOPMENT PROGRAM

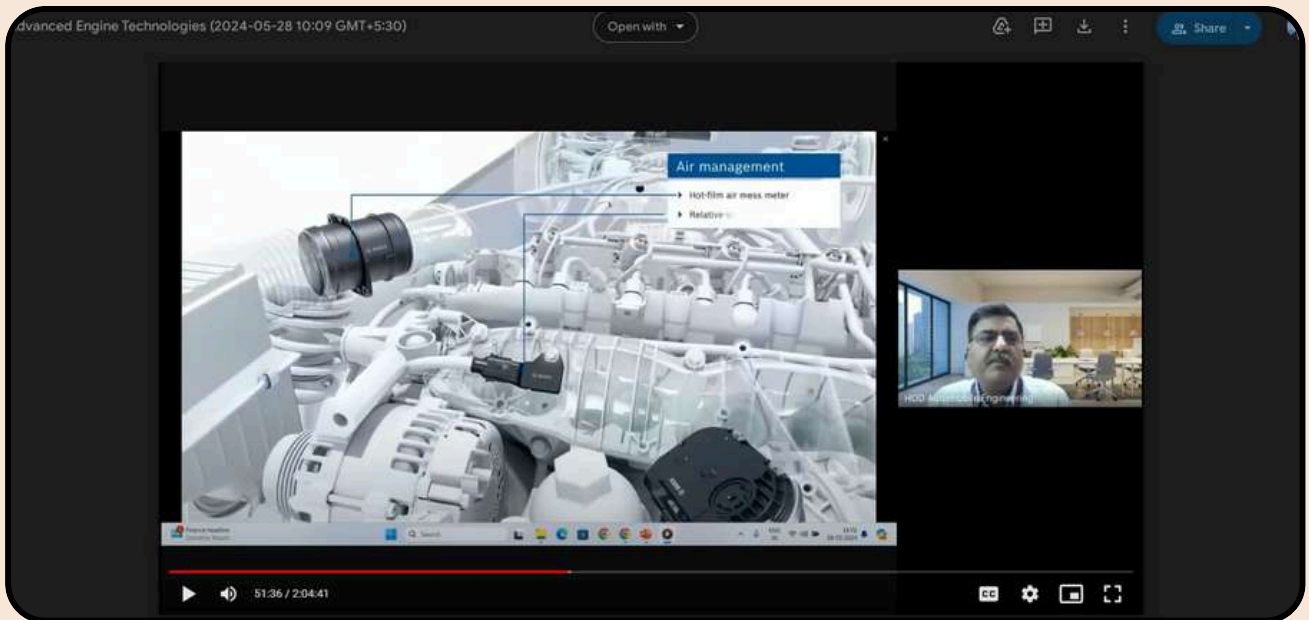


Mr. J. Dhanabal, Assistant Professor delivering the Welcome address

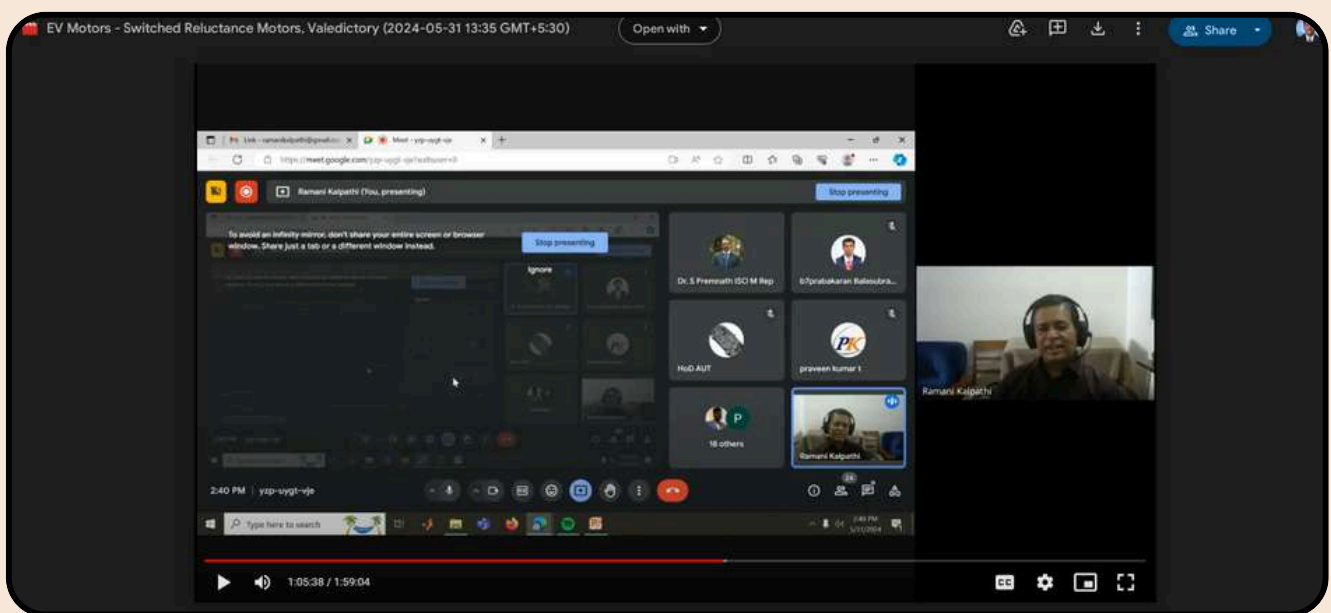


Mr. Pradeep Chandrasekaran, Associate Director/Deputy Chief Engineer delivering the session

FACULTY DEVELOPMENT PROGRAM



Dr.K.Bhaskar, Professor & Head, Department of Automobile Engineering, REC delivering the session



Dr Ramani Kalpathi, Proprietor, Powersoft Systems delivering the session

FACULTY CONTRIBUTION

Mr. A.K. Boobalaseshthilraj, Assistant Professor has Participated in One Week Virtual Faculty Development Program on "Current Trends in Mechanical Engineering-Case Studies from Industries & Academia to promote Innovation, Design Thinking and Startups" held from 20th May 2024-25th May 2024, organized by Department of Mechanical Engineering, Shri Vishnu Engineering College for Women - [SVECW],Bhimavaram, Andhra Pradesh.

Dr. J. Venkatesan, Professor and HoD, Dr. V. Ganesh, Associate Professor, Dr. K. Paul Durai, Dr. G. Ravi, Mr. R. Sakthivel and Mr. Boobalaseshthilraj, Assistant Professors have attended a five-day Faculty Development Programme on "The Road Ahead: Challenges and Trends in Automotive Technologies" from May 27 to 31, 2024, through online mode. organized by Department of Automobile Engineering, Sri Venkateswara College of Engineering, Sriperumbudur.

FACULTY CONTRIBUTION

Mr. R. Sakthivel, Assistant Professor has attended Two Days Training and Exposure Visit from 21-05-2024 to 22-05-2024 at IITM Research Park, Anna University Center for Entrepreneurship Development and Incubation Center, FORT Innovation Center, SVCE EPIC Incubation Center, Nano Technology center and Center for Excellence in Additive manufacturing, SVCE organized by the Institution Innovation Council of SVCE (IIC SVCE Sriperumbudur).



Mr. R. Sakthivel, Assistant Professor has attended the IIC SVCE Sriperumbudur invites you for the Ministry of Education (MoE) Innovation cell Sponsored Mentor-Mentee One day workshop (Online) on “Business Model Canvas(BMC)” (Quarter-IIC 6.0 Calendar Activity) on 31-05-2024.

FACULTY CONTRIBUTION

Dr. V. Ganesh, Associate Professor in the Department of Automobile Engineering, has been recognized as a reviewer for the Global NEST Journal. This open-access journal publishes original research articles, short papers, and critical reviews on all aspects of Environmental Science and Technology. The journal's ISSN numbers are Print ISSN 1790-7632 and Electronic ISSN 2241-777X.



The screenshot displays the Global NEST Journal website. At the top, there is a navigation bar with the journal's logo and the text "Global NEST Journal", along with links for "Current issue", "Browse the Journal", and "Publications". The main content area features the journal's title, a cover image, and a section titled "Aims and scope". This section describes the journal as an open access journal publishing research in environmental science and technology, listing various sub-fields. It also mentions the peer review process and the journal's 4-week turnaround time. To the right, there are links for "Instructions to authors" and "Submit new paper", and a Scopus metrics widget showing a Q3 quartile, an SJR 2023 of 0.26, and a CiteScore of 1.8.

Global NEST Journal

Current issue Browse the Journal Publications

Global NEST Journal

ISSN numbers
Print ISSN: 1790-7632
Electronic ISSN: 2241-777X
Editor: Prof. Themistoklis Lekkas

Aims and scope
The *Global NEST Journal* is an open access journal that publishes original research articles, short papers and critical reviews on all aspects of **Environmental Science and Technology**. These comprise, but are not limited to, Pollution Control Technology, Global Environmental Change, Air Quality, Water Quality, Water and Waste Water Treatment, Solid Waste Management, Hazardous Substances and Risk Analysis, Emerging pollutants. Relevant topics incorporating the methodologies and state of the art of disciplines such as Environmental Management Policies, Ecosystems and Natural Resources Management, Hydrology and Water Resources Management, Clean Energy and Sustainability are included.

Submitted manuscripts are initially reviewed by the editor and selected after rigorous peer review by scientists in order to assess the significance, originality and appropriateness for publication. Articles submitted to Global NEST Journal benefit from its broad scope and readership. We aim for a turnaround time of 4 weeks from submission to first decision.

Global NEST Journal is addressed to professionals in Academic, Consulting Offices, Government Agencies and Organisations, as well as others responsible for the investigation, evaluation of environmental issues of global interest.

[Instructions to authors](#)
[Submit new paper](#)

Global Nest Journal

Q3 Environmental Science (miscellaneous) (best quartile)

SJR 2023 0.26

powered by scinagojr.com

1.8 CiteScore 2022

37th percentile
Powered by Scopus

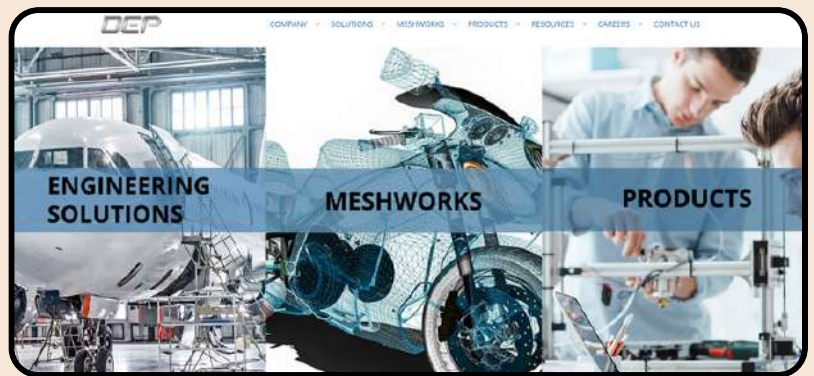
Dr. V. Ganesh, Associate Professor, Department of Automobile Engineering has been recognized as a member of the Automobile Engineering board of studies at Hindustan Institute of Engineering and Technology, Coimbatore.

STUDENTS ACHIEVMENTS

Placement

Placement Report (2024 Batch):

Mr. Hemanth Krishnan, IV Year Student got an offer in M/s Detroit Engineered Products with a salary of 3.5 LPA as a Associate Project Engineer.



Placement Report (2024 Batch):

Mr. Senthil Kumar S, IV Year Student got an offer in M/s Takumi Motion Controls Pvt. Ltd with a salary of 3.6 LPA as a System Engineer.



STUDENTS ACHIEVMENTS

Placement

Placement Report (2024 Batch):

Mr. Manoj Prabhu R R, IV Year Student got an offer in M/s Sanmina SCI India Pvt. Ltd with a salary of 2.52 LPA as a Management Trainee.





B.E. MECHANICAL ENGINEERING (AUTOMOBILE)

(With a special focus on hybrid and electric vehicles)

EARN DEGREE WITH MULTIPLE CAREER OPPORTUNITIES



Why Mechanical Engineering (Automobile) at SVCE?

- **First College in Tamil Nadu** to introduce this program from the **Academic Year 2024-25**
- The College is an **ISO certified** institution and is accredited by **National Assessment and Accreditation Council (NAAC) with A+ Grade**
- Students can explore multiple career opportunities in leading mechanical and automobile industries in India and Abroad
- Special focus on **Hybrid & Electric Vehicles**
- **Semester-in-Abroad** programme in third year
- Exposure to real-world challenges and practices through **Semester-in-Industry** programme
- Earn **Honours / Minor degree** along with basic degree
- Guidance for 100 % placement
- **Full fee waiver** for Government School students under WINGS and SEEDS scholarship schemes
- **Management scholarships** on the basis of Merit Means, Merit-cum-Means, Economic Means, Performance in Sports and Performance in NCC activities

Honours and Minor Degrees

- In addition to the basic degree B.E. Mechanical Engineering (Automobile), the students can get an additional Honours Degree or Minor Degree by earning additional credits.

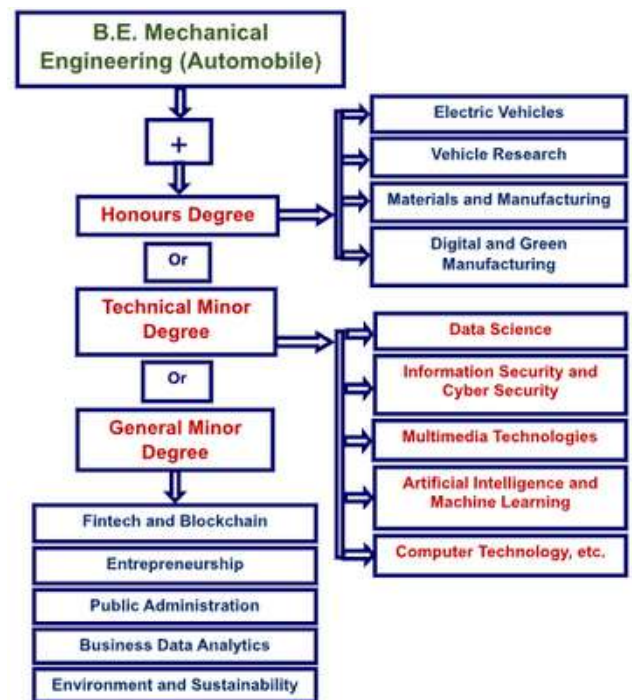
Placement

An average of more than **95%** eligible students of Automobile Engineering got placed in reputed core and other companies



Higher Studies

- Students are provided with **supportive training** pertaining to their future plans for doing a master's.
- Students pursue their master's in the field of Engineering and Technology and also in Business Administration and Management in reputed Universities worldwide including Clemson University-USA, Wisconsin Madison University-USA, RWTH Aachen University-Germany, Inglostadt University-Germany, University of Sheffield-UK, Oxford Brookes University-UK, etc.



Admissions for 2024-25 are now open!

APPLY NOW

