



# EASWARI ENGINEERING COLLEGE

(AUTONOMOUS)

(A UNIT OF SRM GROUP OF EDUCATIONAL INSTITUTIONS)

BHARATHI SALAI, RAMAPURAM, CHENNAI - 89

Affiliated to Anna University, Approved by Govt of Tamil Nadu & AICTE

Accredited by NAAC with 'A' Grade, ISO 9001:2015



**TNEA  
COUNSELING  
CODE  
1304**



**Industry Associations**

- Ashok Leyland
- Ford
- TVS
- Daimler
- Hyundai
- BETZ
- AITES
- RIEDE
- Vibgyor



## DEPARTMENT

## OF

## AUTOMOBILE

## ENGINEERING

## About the Department

The Automobile Engineering department was started in the year 2014 with the vision to impart quality education, skills and attributes based on changing global standards and automobile industrial requirement and hence emerge as centre for advance studies and research. Chennai Being the hub for various automotive MNC's, to develop Industry-ready graduates.

The department functions with experienced and well qualified faculty members. In addition to this the department provides the students with value added courses, workshops, seminars, guest lectures and Industrial visits to ignite the young minds and to trigger the sparks of automotive engineer with in them. The Department of Automobile Engineering of Easwari Engineering college joined hands with BMW India Pvt. Ltd. through BMW Skill Next Initiative program and the department has sponsored with a Modern Engine and Transmission System by BMW India Pvt Ltd for student study purpose and also CRETA car sponsored by Hyundai Motors India Pvt Ltd, Chennai as an Initiative to Industry supported Laboratory. and Ford India pvt limited sponsored FORD ECO SPORT car for Industry supported Laboratory. The Department produced 14 university ranks which includes a Gold medalist. Students of Automobile Engineering has participates various events like Go-Kart, E-Kart, E- Bikes and Tracker Design and won prizes in National Level.

## VISION

To impart quality education, skills and attributes based on continuously changing global standards and local industrial requirement and hence emerge as centre for advance studies and research.

## MISSION

- To provide quality education to the students based on the continuously changing global graduate attributes.
- To understand the requirement of Automobile Industries of the region and to add value to the students based on their changing needs.
- To tie up with industries for mutual benefit like training, internship and partial delivery of courses for the students.
- To develop partnership with industries for product development and research

## Programme Educational Objectives

- Our graduates will have fundamental technical knowledge and develop core competency in diversified areas of Automobile Engineering such as thermal, design, production and maintenance their related software with a view to expanding the knowledge horizon and inculcating lifelong learning among students.
- Our graduates will pursue advanced studies, research and industrial product development in the field of Automobile Engineering by developing partnerships with industrial and research agencies thereby serving the needs of the industry, government, society and scientific community.
- Our graduates will be capable of building their own careers upon a solid foundation of knowledge and a strong sense of responsibility to serve their profession and society ethically.
- Our graduates will have effective communication, leadership, teaming, problem solving and decision making skills by understanding contemporary issues thereby contributing to their overall personality and career development.

## INDUSTRY SUPPORTED LAB

◆ Ford India Pvt Ltd. Sponsored a Eco Sport Car to the Department of Automobile Engineering for Teaching Learning Process



The inauguration ceremony of CRETA car sponsored by Hyundai Motors India Pvt Ltd, Chennai as an Initiative to Industry supported Laboratory was held on 28.03.2019 and was presided by our Honorable Chairman.



◆ Our Respected Chairman inducted the BMW engine and Transmission system sponsored by BMW India Ltd to the Automobile Department for BMW Skill next Initiative.



## SOCIAL RELEVANT ACTIVITIES

Department of Automobile Engineering organized Pollution Awareness Camp in Sirukalathur Village, Kanchipuram



◆ Department of Automobile Engineering organized Workshop on Importance of Renewable Energy Sources to the Government school students of Sirukalathur Village, Kanchipuram.



## INDUSTRY INSTITUTE INTERACTION

◆ MoU signed With Riede Technologies PVT LTD



◆ The Department of Automobile Engineering conducted a workshop on "Ford driving skills for life on 09.10.2019"



◆ Department of Automobile Engineering and Ashok Leyland Pvt Ltd jointly organized One day Training Programme on "Quality Management System" on 18.10.2019.



## DEPARTMENT RECOGNITION

◆ 14 University Ranks were produced by the 2014- 2018 batch students including university gold medal. • Mr.Felix Gabriel Mark.D honored by the Honorable Governor of Tamil Nadu for achieving Anna University First Rank ( Gold Medal).



◆ Our students have participated in National Level Indian Karting Race-2020 held at Bhopal and Runner Up in E- Kart category. Respected Chairman Honored Winners of E- Kart Team



◆ Department organized two weeks Faculty Development Programme on Modeling and Control of High Efficiency Electric and Hybrid Vehicles and The future vehicle fleet in 2030 from



## DEPARTMENT ACTIVITIES

Department of Automobile Engineering organized workshop on "Recent Development in Electric Vehicle Technology" on 01.02.2020 for Polytechnic Students



One day International Workshop on "Advance Materials" presented by Mr. Low Hun Lee & K.M.Lee, from Malaysia.



Department Organized one Day International Workshop on "Hydrogen Generation And Storage For Modern Automobile Application" on 24.09.2019



Department of Automobile Engineering conducted Three National Conference on "Recent Development in Automobile and Mechanical Engineering"

## INFRASTRUCTURE



# INDUSTRY INSTITUTE COLLABORATIVE PROGRAMMES

In the Year of 2020, The department of Automobile Engineering organized a Two weeks collaborative Program with Ashok Leyland Manufacturing Experts from Ashok Leyland Pvt Ltd, on "Latest Technology in Automobile Engineering" from 07.05.2020 to 20.05.2020



In the Year of 2021, The department of Automobile Engineering and Ashok Leyland Ltd has Jointly organized a Industry Collaborated Webinar for Students Excellence in Automotive Industry Experts from 13.05.2021 to 02.6.2021

## FUNDED PROJECT

Department of Science and Technology, Government of India, Newdelhi has sanctioned Rs.52.8 Lakhs for Waste management Technology - Utilization of Paddy straw to Dr.S.Sathiyamurthy, Professor & Head, Automobile Engineering Department.

## PLACEMENT & INTERNSHIP



# CAMPUS LIFE: ITS ALL GOING ON @ EEC



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**ENGINEERING COLLEGE**

An AUTONOMOUS Institution  
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**RAMAPURAM CHENNAI**

[www.srmeaswari.ac.in/auto](http://www.srmeaswari.ac.in/auto)

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