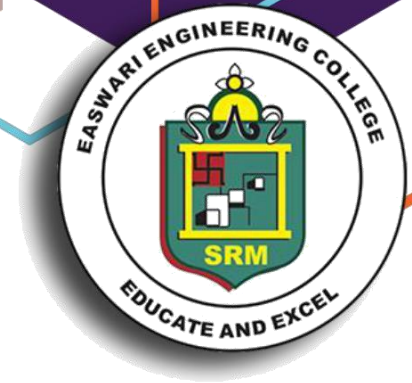


AutoCruise18

Easwari Engineering College

Department of Automobile Engineering

August 2018 Edition



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, Automobile Engineering department of Easwari Engineering College is equipped with state of art infrastructure in classrooms, labs and library. To provide the students with in depth understanding of latest automobiles, automotive components laboratory consists of Conventional and modern auto components and vehicles. Sophisticated equipments such as Ashok Leyland Chassis and sub assembly components, Maruthi Omni chassis Cut-section, Power steering systems, working model of fuel injection systems (MPFi and CRDi) have been utilized for providing hands on training for the students through workshops.

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. State board higher secondary and CBSE equivalent students can join in the year one and Diploma holders can join under lateral entry scheme directly into second year

BMW Engine Skill initiative

Mission

To be the best place for studying Automobile Engineering in the nation recognized for academic excellence and for contributing to the overall development of our region and broader environment.

Ambitious - It places the Department of Automobile Engineering at the forefront of the world's most significant issues

Aggressive - It will require a great deal of additional funding, above and beyond our normal and expected revenue increases.

Achievable - With the support of our management, faculty, students, alumni; and in collaboration with various organizations.



The Department of Automobile Engineering of Easwari Engineering college joined hands with BMW India Pvt. Ltd. through BMW Skill Next Initiative program. The inauguration ceremony of BMW Skill Next Initiative lab Sponsored by BMW was held on 28.06.2018. The Chairman of SRM Ramapuram and Trichy Campus Dr. R.Shiva Kumar inaugurated the lab in presence of Director General Dr. T.S. Sridhar , Principal Dr. K. Kathiravan ,Vice Principal, Heads of various Departments, Faculty members and Students. Out of 500 Colleges In Tamil Nadu, Easwari Engineering College was one among the three colleges who joined hands with BMW.

BMW Twin-Power Turbo 2.0L



SPECIFICATION

Configuration	inline-4
Valves per cylinder	4
Engine technology	BMW TwinPower Turbo technology with twin-scroll charging, High Precision Injection direct petrol injection, VALVETRONIC fully variable valve control, double-VANOS fully variable camshaft control
Turbocharger	Single Turbo - Twinscroll
Effective Capacity	1997 cc
Output (kw/bhp)	180/245 @ 5000 rpm
Torque (Nm)	350 @ 1250 rpm
Performance	
0-62mph (s)	6.1
Fuel Consumption (l/100km)	
Combined (mpg)	35.7
Emission Rating	EU5

DID YOU KNOW ?

Adolf Hitler ordered Ferdinand Porsche to manufacture a Volkswagen, which literally means 'People's Car' in German. This car went on to become the Volkswagen Beetle.

DID YOU KNOW ?



In the year 1916, 55 per cent of the cars in the world were Model T Ford, which is still an unbroken record

DID YOU KNOW ?

Volkswagen named several of its cars after wind. Passat - a German word for trade wind; Golf - Gulf stream; Polo - polar winds; Jetta - jet stream.

ADVISORY BOARD MEETING

The Department of Automobile Engineering had organized an Advisory board meeting on 28th July 2018. The Guest Speakers were Dr. Senthil Kumar Head of the Department, Department of Automobile Engineering, Anna University- MIT Campus, Dr. M Kamaraj, Head of the Department, Metallurgical and Material Engineering, IIT Madras and an Industrial Expert from TVS Fasteners.



The Following were few important points discussed

- Encourage Entrepreneurship
- NBA Accreditation for six years by showing different in NBA(Highlight in syllabus)
- Guest lecture from the automobile core company
- All the course should be teach with the NPTEL material.
- Statistical planning subject will be selected for the upcoming subject.
- More Industrial Visit to the students and find how the industries is working in Chennai.
- Projects to the students using Siemens lab
- The society of ASM International standard body provide automobile material for research
- Tie-up with industry and select the sandwich course
- MOU for placement

A REPORT OF GUEST LECTURE ON “Robotics in Industrial Engineers”

Department Of Automobile Engineering Had Organized Guest Lecture On **Robotics in Industrial Engineers** For II, III, IV year automobile engineering students. The speaker for the lecture was **Mr.VINAY SAI S**, Sr App Engineer (R&D). **Axis Global Automation Pvt Ltd.**

Date
30 July 2018

Dr.S.SATHIYAMURTHY, professor and head, department of automobile engineering introduced the speaker. In his lecture **D.MURUGANANDAM** During the Session, he talked about the basic concepts on **Robotics in Industrial Engineers**. He gave a few case studies on it. With his very own style, he took the audience into the concept that he wanted to convey. His presentation was very unique and was down to the core. His session ended around 12.30 pm and the participants were given lunch break. This lecture helps students to learn the skill sets. The overall feedback about the lecture is good.

By

Mr.VINAY SAI S
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Axis Global Automation
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AutoCruise18



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Final Year
Department of Automobile Engineering

Easwari Engineering College

Newsletter by Department of Automobile Engineering