

REPORT

Department of mechanical engineering and IET EEC CHAPTER of Easwari Engineering College organized one day workshop on “**Internal Combustion Engines**” on 25th September, 2015.

OBJECTIVES OF THE WORKSHOP

- To generate competent professionals to become part of the automobile industry and research organization at the National and International level.
- The main objective of this workshop is to gain an understanding of internal combustion engines and to learn the different emission control techniques and emission standards for automobiles.
- The workshop helps in exploring the different fuels that can be used for internal combustion engines.

ABOUT THE WORKSHOP

Globalization and growth in Indian economy have lead to exponential growth in the automobile industry. As the industry grows many energy and environmental issues are encountered. Cleaner technologies, alternate fuels, pollution control strategies and better design requirements are the key to improving the quality of automobiles. The workshop is intended to explore the advancements and challenging attributes in Engine pollution and monitoring. It will facilitate a wide spectrum of Researchers in knowledge sharing, discussions and future challenges involved.

This one day workshop presented the recent innovation and advancement in internal combustion engines. The workshop had many technical sessions with presentations by experts from Daimler India, Ashok Leyland and Vellammal Engineering College.

The workshop was attended by 43 participants comprising of students from the Department of Mechanical Engineering.

In the forenoon session, the seminar on basic working of internal combustion engines and its recent innovation in IC engines were covered by **Mr. D.Balajee**, Asst. Professor, Department of Automobile Engineering and **Mr. S.Venkatesan**, Senior Manager, Ashok Leyland. In the afternoon session emission from Internal combustion engines, and emission standards were presented by **Dr.K.Varatharajan**, Associate Professor, Velammal Engineering College and **Mr. Elayaraja Nagarajan**, Divisional Manager, Daimler India.

The workshop ended with Valedictory function at 4.20 pm and the certificates were distributed.