

# Hindusthan College of Engineering and Technology Coimbatore 641 032



### DEPARTMENT OF MECHANICAL ENGINEERING

### THERMAL ENGINEERING - I LABORATORY

- Thermal Engineering Laboratory-I trains the students with principles and operation of various Internal Combustion Engines used in Automobiles and steam generators and turbines for power generation application.
- Analysis of Internal Combustion Engines by doing various testing to define the specifications.
- Study and analysis of various liquid fuels properties for using as a fuel in Internal Combustion Engines.
- Most of the Power Generation is happening through the following devices called Steam generators and Steam Turbine.
- Study and analysis of various testing of steam turbine and steam generators are performed by students in thermal lab.





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### DEPARTMENT OF MECHANICAL ENGINEERING

#### THERMAL ENGINEERING – II LABORATORY

- Thermal Engineering Laboratory-II trains the students with principles and operation of thermal Engineering equipments.
- The different modes of heat transfer like Conduction, Convection and Radiation phenomenon are studied with the help of the experiments and equipments available in the laboratory which are used in real time engineering applications.

