

Thermal Engineering Lab:

In this laboratory, students will have the opportunity to study the working principle of IC engines (both SI and CI engines), performance and characteristics in terms of heat balancing, economical speed variations, air fuel ratio influence on the engine to reinforce classroom theory by having the student perform required tests, analyze subsequent data and present the results in a professionally prepared report. The machines and equipment used to determine experimental data include cut models of 4 stroke diesel engine, 2 stroke petrol engine and multi cylinder SI engine, single cylinder diesel engine for performance and speed test which is suitable to test on variable compression ratios.



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