

INTERNAL COMBUSTION ENGINE

An Internal Combustion Engine converts chemical energy into mechanical work to run different systems of vehicle. Aim behind this laboratory is to teach students about working of internal combustion engine basic laws of thermodynamics, heat transfer between various systems and conversion of heat to one form to another form. Students can enhance their knowledge by applying theoretical principle to practical skills. The laboratory is equipped with number of equipment & experimental setups to study the fundamental & applied aspects of the internal combustion (IC) engines. Facilities available in Laboratory:

1. Two stage Reciprocating Air Compressor
2. Two Stroke Petrol Engine Test Rig
3. Four Stroke Four Cylinder Petrol Engine Test Rig
4. Four Stroke Four Cylinder Diesel Engine Test Rig
5. Model of Fuel Pump and Injector
6. Model of Carburettor