

# Refrigeration & Air Conditioning Lab

## List of Equipments:

- ✓ Cooling tower
- ✓ Air Conditioning Test Rig
- ✓ Ice Plant
- ✓ Refrigeration Tutor
- ✓ Hilton Heat Pump
- ✓ Energy watt hour meter
- ✓ AC test rig
- ✓ Solar air heater



# Automobile Engineering Lab

## List of Equipments:

- ✓ Cut Section Model Dodge Car
- ✓ Cut Section Model of Two Stroke Scooter Power Plant and Running System
- ✓ Cut Section Model of Four Stroke Petrol/Kerosene Engine.
- ✓ Cut Section Model of Four Stroke Diesel Engine
- ✓ Car (Getz)
- ✓ Engine for Baja Project 02 No.ø
- ✓ Clutch Assembly, Clutch Plate, Pressure Plate etc.
- ✓ Universal Joint
- ✓ Suspension System
- ✓ Jeep
- ✓ Battery Operated Solar Charged Go Kart
- ✓ Solar Charging Plant



# Heat Transfer Lab

## List of Equipments:

- ✓ Annular Tube Heat Exchanger
- ✓ Fluidized Bed Heat Exchanger
- ✓ Concentric Tube Heat Exchanger
- ✓ Shell and Tube Heat Exchanger
- ✓ Pool Boiling Apparatus
- ✓ Thermal Conductivity Apparatus



# I. C. Engine Lab

## List of Equipments:

- ✓ Exhaust Gas Analyser
- ✓ Smoke Meter
- ✓ Single Cylinder 4-Stroke Bio-gas Operated S.I. Engine
- ✓ Mahindra Diesel Engine with Eddy Current Dynamometer
- ✓ Variable Compression Ratio Single Cylinder 4-Stroke Petrol/Diesel Engine
- ✓ Kirloskar Single Cylinder Water Cooled & Air cooled C.I. Engine
- ✓ Ruston Diesel Engine
- ✓ Honda S.I. Eng. Gen-set

