

## **THERMAL ENGINEERING LABORATORY I**

Laboratory In-charge : P. Lakshmanan

Technical supporting staff : G. Padmanaban



Thermal Engineering Laboratory I

Area of the Laboratory: 9.14m x 32 m = 292.48 Sq.m

### **Major Equipment:**

- Redwood viscometer
- Cleveland flash and fire point.
- Steam turbine power plant
- Cooling tower with accessories
- Single cylinder 4 stroke petrol engine

### **Major Experiments:**

- Viscosity of the fluid
- Flash and fire point
- Efficiency of the boiler
- Performance of the engine

### **Utilization of the laboratory:**

- For the third year students, for finding the performance of the engine.
- For Design and fabrication lab