

HEAT ENGINE AND RAC LAB

Name of Lab Incharge I/II: Dr. Harmeet Singh/ Er. Manpreet Singh

Name of Lab Technician : Mr. Balbir Singh/ Mr. Rakesh Kumar

Name of Lab Attendant : Mr. Jasveer Singh/ Mr. Gurdeep Singh

List of Major Equipments/Software:

1. Cochran Boiler
2. Variable Compression Ratio engine
3. Steam Engine
4. Coventry Petrol Engine
5. Reciprocating air compressor
6. Computerized Ice plant trainer
7. Computerized Test rig for vapor compression

Floor Area: 750 m²

Courses Undertaken in the Lab:

1. Applied Thermodynamics Lab (ME 14309) 3rd Semester Mechanical
2. Refrigeration and Air Conditioning Lab (ME 14804) 7/8th Semester Mechanical
3. Thermal Engineering Lab (PE14307) 3rd Semester Production



Figure: View of the Heat Engine Lab



Figure: View of the Refrigeration and Air conditioning Lab