HEAT ENGINE AND RAC LAB

Name of LabIncharge I/II: Dr. Prem Singh/ Er. Satwant Singh

Name of Lab Technician: Mr. Balbir Singh

Name of Lab Attendant : Mr. Ruldu Ram

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 (LPCME-105) 3rd Semester Mechanical Engineering
- 2. Refrigeration and Air Conditioning Lab (LPCME-112) 6th Semester Mechanical Engineering
- 3. Thermal Engineering Lab (LPCPE-102) 3rd Semester Production Engineering



Figure: View of the Heat Engine Lab

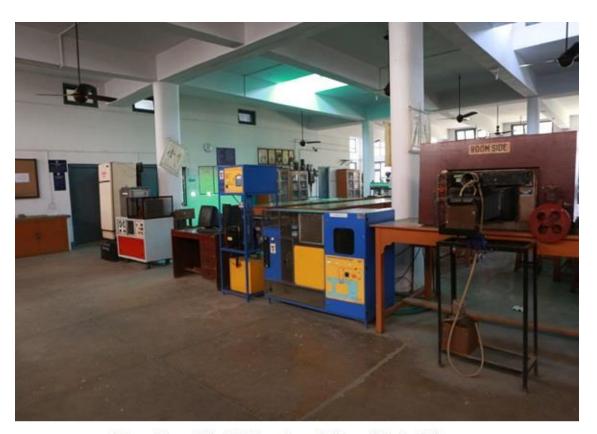


Figure: View of the Refrigeration and Air conditioning Lab