

DEPARTMENT OF MECHANICAL ENGINEERING

17MECC89- HEAT TRANSFER LAB (UG)

LIST OF EXPERIMENTS

1. Determination of Thermal conductivity (Lagged Pipe)
2. Determination of Emissivity.
3. Determination of Heat transfer co-efficient through Forced Convection.
4. Determination of Heat transfer co-efficient through Natural Convection.
5. Determination of Heat transfer co-efficient of Pin-Fin Apparatus.
6. Determination of Stefan Boltzmann's Constant.
7. Determination of Thermal conductivity (Two Slabs Guarded Hot Plate Method).
8. Determination of Effectiveness of a Heat Exchanger by Parallel Flow.
9. Determination of Effectiveness of a Heat Exchanger by Counter Flow.
10. Determination of Thermal conductivity of the Composite wall.
11. Determination of Thermal conductivity (Insulating Powder).



HOD/MECH