

HEAT & MASS TRANSFER

The Heat & Mass Transfer Laboratory consists of 17 setups which covers basic modes of heat transfer e.g. condition convection and radiation. In this lab experiments related to the various heat exchangers are also carried out. The current state of the art laboratory also has boiling and condensation related experiment facilities.

This Lab Consists of the following equipments

1. Forced Convection Apparatus
2. Emissivity Measurement Apparatus
3. Thermal Conductivity of Metal Rod
4. Pin Fin Apparatus
5. Critical Heat Flux Apparatus
6. Experimental Cooling Tower
7. Composite Wall Apparatus
8. Natural Convection Apparatus
9. Regenerative Heat Exchanger Apparatus
10. Condensation in Drop and Film Form Industries
11. Unsteady State of Heat Transfer Apparatus
12. Thermal Conductivity of Insulating Powder
13. Stephan Boltzmann Apparatus
14. Thermal Conductivity of a Liquid
15. Lagged Pipe Apparatus
16. Plate Type Heat Exchanger Apparatus
17. High Vacuum Pump-Single Stage, Capacity 50 ltr/hr With Motor