## Heat & Mass Transfer Engg. Lab.

## **List of Equipments**

| Sr. No. | Name of Equipments   |
|---------|--|
| 1       | Apparatus for measuring Thermal conductivity of Metal rod.               |
| 2       | Apparatus for Measuring Thermal Conductivity of Insulating Powder        |
| 3       | Apparatus for measuring Heat Transfer through Composite wall             |
| 4       | Guarded Hot Plate Apparatus for Measuring Thermal Conductivity of Liquid |
| 5       | Apparatus for Determining Critical Radius of Insulating Materials        |
| 6       | Critical Heat Flux Apparatus   |
| 7       | Apparatus for Prediction of Heat transfer by Natural(Free) Convection    |
| 8       | Apparatus for Prediction of Heat Transfer by Forced Convection           |
| 9       | Parallel Flow & Counter Flow Heat Exchanger Apparatus                    |
| 10      | Plate Type Heat Exchanger Apparatus                                      |
| 11      | Apparatus for Verifying Stefan-Boltzman Constant                         |
| 12      | Apparatus for Prediction of a Emissivity of a Test Plate                 |
| 13      | Apparatus for analyzing heat transfer by Pin-Fin.                        |