

# HEAT TRANSFER

## List of experiments:

1. Composite Slab Apparatus – Overall heat transfer coefficient.
2. Heat Transfer through lagged pipe.
3. Heat Transfer through a Concentric Sphere
4. Thermal Conductivity of given metal rod.
5. Heat transfer in pin-fin.
6. Experiment on Transient Heat Conduction
7. Heat Transfer in forced convection apparatus
8. Heat Transfer in natural convection
9. Parallel and counter flow heat exchanger.
10. Emissive apparatus.
11. Stefan Boltzman Apparatus
12. Critical Heat flux apparatus.
13. Study of heat pipe and its demonstration.
14. Experiment on film wise and drop wise condensation.
15. Vapour Compression Refrigeration Test Rig