

Department of Mechanical Engineering

Heat & Mass Transfer Laboratory

The laboratory is well-equipped with calibrated equipment's and enables students to understand the basics of modes heat transfer i.e., conduction, convection, and radiation. This laboratory has apparatus to impart practical knowledge to undergraduate students on how to determine the thermal conductivity of materials (solid, liquid and powder), natural and forced convection (with pin and without pin) etc.

Lab In-charge: Dr. MP Garg

Technical Staff: Mr. Hargopal Singh

Name of Apparatus:

- Thermal Conductivity of Metal Rod
- Heat Transfer From PIN-FIN
- Heat Transfer In Natural Convection
- Heat Transfer In Forced Convection
- Stefan Boltzmann's Apparatus
- Comp. Controlled- Data Logging Facility Parallel-Counter Flow Heat
- Shell & Tube Heat Exchanger

