

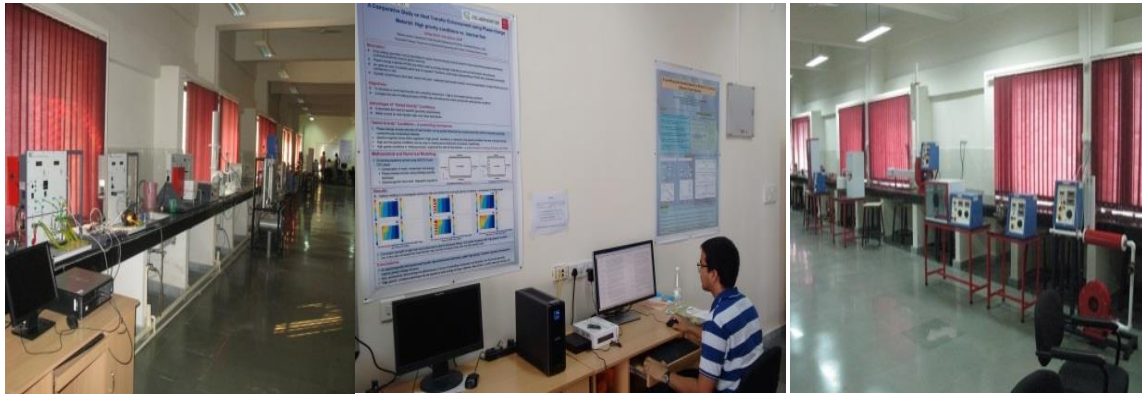
Heat Transfer Laboratory

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Location: E- 111



Heat Transfer (HT) laboratory in the Department of Mechanical Engineering is well equipped with basic as well as advanced experiments and supports the essential practical component of various courses, related to different modes of heat transfer with and without fluid flow, offered in B.E (Hons.) and M.E degrees. Some of the notable equipment include, Heat Transfer Through Composite Wall; Natural and Forced Convection Heat Transfer; Unsteady-state Heat Transfer; Drop and Film Wise Condensation; Vertical and Horizontal Condenser; Finned Tube Heat Exchanger; Fluidized Bed Heat Transfer; Heat Exchanger Service Module (Tubular, Plate and Shell & Tube Types); Solids, Liquids and Gases Conductivity Measurement; Temperature Measurement and Calibration; Convection Dryer (in-process). Besides the course related practical, graduate students and research scholars use the laboratory facilities extensively and explore ideas with little bit of modifications to the existing setups. Faculty members with strong background in thermal, fluids and energy are involved in applied research as well as sponsored industrial projects.