

SYLLABUS :-

Determination of heat transfer coefficient in fluidized bed combustion, Pressure drop and holdup studies for a fluidized bed, Determination of flame velocity and burner loading in premixed combustion of gaseous fuel and Determination of boiler efficiency and condenser heat transfer coefficient of a electrical boiler. Heat transfer through a lagged pipe, Forced convection heat transfer coefficient in a pipe, determination of reflectivity, emissivity, absorptivity and transmissivity, Nucleate pool boiling and effectiveness of parallel and Counter flow heat exchangers.