



S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

Mechanical Engineering Department

Laboratory Name: Heat and Mass Transfer Laboratory

Sr.No.	Equipment Name and Description
1	Composite wall apparatus
2	Thermal conductivity of insulation powder
3	Thermal conductivity of metal rod
4	Critical heat flux apparatus
5	Stefan Boltzmann apparatus
6	Emissivity measurement Apparatus
7	Forced convection Apparatus
8	Natural convection Apparatus
9	Pin fin Apparatus
10	Shell and tube heat exchanger as water to water type
11	Parallel flow/counter flow Apparatus