

List of Undergraduate Equipments

Sl No	Equipment	Manufacturer
1	Thermal conductivity of metal rod	Mass International
2	Calorimeter C200	Scientific Products (India) Pvt. Ltd.(Cole Parmer)
3	Vapour Liquid Equilibrium	Adroit Engineering Corporation
4	Measurement of vapour pressure	Adroit Engineering Corporation
5	Infinite Dilution Activity Coefficient	Adroit Engineering Corporation
6	Refractometer	Cole-Parmer
7	Reynolds No.	Adroit Engineering Corporation
8	Friction factor	Adroit Engineering Corporation
9	Venturimeter, Orificimeter	Mass International
10	Characteristics of Centrifugal pump	Shree Fabricators & Engineers
11	Heat transfer in turbulent flow	Shree Fabricators & Engineers
12	Heat transfer in laminar flow	Shree Fabricators & Engineers
13	Heat transfer by natural convection	RCG Instruments
14	Heat transfer through a submerged helical coil	Shree Fabricators & Engineers
15	Plate heat exchanger	Shree Fabricators & Engineers
16	Heat transfer in fluidized bed	Shree Fabricators & Engineers
17	Ball Mill	Mass International
18	Rotap sieve shaker	Mass International
19	Diffusivity of solid (Solid-liquid mass transfer coefficient)	Shree Fabricators & Engineers
20	Liquid diffusivity by Stefan tube	Shree Fabricators & Engineers
21	Batch Distillation-Verification of Rayleighs Equation	
22	Absorption in packed column	Shree Fabricators & Engineers
23	Sieve Plate Distillation Column	Shree Fabricators & Engineers
24	Forced draft tray dryer	Technical Teaching (D) Equipments
25	Continuous Stirred Tank Reactor (CSTR)	Shree Fabricators & Engineers
26	Laminar Flow Reactor (LFR)	Shree Fabricators & Engineers
27	Residence Time Distribution (RTD) in CSTR	Shree Fabricators & Engineers
28	Residence Time Distribution (RTD) in Laminar Flow Reactor	Shree Fabricators & Engineers
29	Bulb Thermometer- First Order Dynamics	Shree Fabricators & Engineers
30	Pendulum- Dynamics of Second order system	Shree fabricators & Engineers
31	Interacting/Non Interacting Tanks-Dynamics of Second Order Systems	Shree Fabricators & Engineers
32	On-Off Controller-Temperature Control	Shree Fabricators & Engineers
33	Single Board Heating System-Temperature Control	NEX Robotics Pvt. Ltd.
34	Bernoulli's Theorem	Mass International
35	Fin Tube Heat Exchanger	Shree Fabricators & Engineers
36	Liquid-Liquid Extraction	

37	Viscosity by Efflux time	Shree Fabricators & Engineers
38	Viscosity by Stoke's law	Shree Fabricators & Engineers
39	Heat transfer in Agitated vessel	Shree Fabricators & Engineers
40	Diffusivity of solid (Solid-gas mass transfer coefficient)	Shree Fabricators & Engineers
41	Pin-Fin Apparatus	Shree Fabricators & Engineers
42	Adsorption Experiment	
43	Absorptivity of different surfaces	Shree Fabricators & Engineers
44	Heat transfer in Shell&Tube heat exchanger	Shree Fabricators & Engineers
45	Heat transfer in Calendria Evaporator	Shree Fabricators & Engineers
46	Two dimensional Heat conduction	