


Department of Chemical Engg.

Details of Equipments for the Heat Transfer Operations Laboratory

Item	Specification	Quantity	Rate	Amount	Justification
Thermal conductivity of liquid apparatus	Liquid Chamber (Inner Dia. : 40mm(approx.) Length : 120mm (approx)), Cooling chamber : Made of Stainless Steel for water circulation (Inner Dia. : 70mm (approx). Length : 120mm (approx)), water supply:5 litre/minute(approx.), Heater : Rod type (Outer Dia. : 38mm (approx). Length : 120mm (approx). ), Control panel comprising of : PID Controller : 0-199.9°C, Digital Temp. indicator : 0-199.9°C, with multi-channel switch Temperature Sensors : RTD PT-100 type-4Nos. Energymeter : Digital type for power measurement with standard on/off switches, Mains indicator etc.	1			Conducting heat transfer laboratory experiments for B.Tech as per KTU curriculum

  
**PADMAVATHY K.S**  
 Assistant Professor  
 Dept. of Chemical Engineering  
 Government Engineering College  
 Kozhikode