















CHEMICAL REACTION ENGINEERING LABORATORY


S.NO	ITEM NAME	STOCK/ASSET NUMBER	EQUIPMENT
1	Combined Flow Reactor (PFR + CSTR)	PDPU/SOT/CHEM ENGG/CRE/2013-14/05	
2	Cascade Continuously stirred tank reactor	PDPU/SOT/CHEM ENGG/CRE/2013-14/03	
3	Isothermal Continuously stirred tank reactor	PDPU/SOT/CHEM ENGG/CRE/2013-14/02	
4	Isothermal batch reactor	PDPU/SOT/CHEM ENGG/CRE/2013-14/14	







5	RTD studies of packed bed reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/09	
6	Straight Tube Plug Flow Reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/06	
7	Isothermal Semi-Batch Reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/15	
8	Ambient Continuously Stirred Tank Reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/01	

9	Adiabatic Batch Reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/16	
10	RTD Studies of Continuously Stirred Tank Reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/04	
11	Tubular packed bed reactor	PDCU/SOT/CHEM ENGG/CRE/2013-14/08	
12	Isothermal plug flow tubular reactor - Coiled Type	PDCU/SOT/CHEM ENGG/CRE/2013-14/07	

13	Kinetics Dissolution of benzoic acid	PDPU/SOT/CHEM ENGG/CRE/2013-14/17	
14	Continuous bubble cap distillation column	PDPU/SOT/CHEM ENGG/ CRE/2013-14/20	

RESEARCH EQUIPMENTS

S.NO	ITEM NAME	STOCK/ASSET NUMBER	
1	Auto Clave – High Pressure Reactor	PDPU/SOT/CHEM ENGG/ CRE/DS/2013-14/29 a	
2	Gas Chromatography with Mass Spectroscopy	PDPU/SOT/CHEM ENGG/ CRE/2013- 14/ 31 a	
3	Particle Size Analyzer	PDPU/SOT/CHEM ENGG/ CRE/2013- 14/ 30 a	
4	On -line NDIR FIUE GAS CO ₂ Analyzer	PDPU/SOT/CHEM ENGG/ CRE/2014- 15/ 35	

5	Digital V Rotary Evaporator	PDPU/SOT/CHEM ENGG/ CRE/16-17/01	
6	Ebulliometer- Glass VLE Set Up	PDPU/SOT/CHEM ENGG/ CEL/15-16/ 1 a	
7	Double Distilled Water Unit	PDPU/SOT/CHEM ENGG/ CRE/2014-15/ 34 a	
8	pH Meter	PDPU/SOT/ CHEM ENGG / CPT/2013-14/18 b	
9	Conductivity / TDS Analyzer	PDPU/SOT/ CHEM ENGG/ CPT/2013-14/19 a	
10	Water bath	PDPU/SOT/CHEM ENGG/ CPT/2013-14/12 b	

11	Water bath	PDPU/SOT/CHEM ENGG/ CPT/2013-14/12 a	
12	Air compressor 1HP	PDPU/SOT/CHEM ENGG/ CRE/2013-14/26 a	
14	Air compressor 1HP	PDPU/SOT/CHEM ENGG/ CRE/2013-14/26 b	
17	BALANCE maxi. 300gm	PDPU/SOT/CHEM ENGG/CPT/2013-14/01	
18	BALANCE maxi. 3000gm	PDPU/SOT/CHEM ENGG/CPT/2013-14/02	