

Sandip University
School of Engineering and Technology
Department of School of Science

CHEMISTRY LAB EQUIPMENT DETAILS

| S.No. | Item description | Location Department | Value (in Rs.) | | | Present Condition | Date of Purchase |
|-------|---|------------------------|----------------|----------------|----------------|----------------------|---------------------|
| | | | Quan tity | Value/ Unit | Total Value | | |
| 1 | Conductivity meter with cell K=1 directing reading 0.05-200MmM | Chemistry | 4 | 7990 | 31962 | Working | 12-03-2016 |
| | Conductivity cell poly propen body unbreakable K=1 | Chemistry | 4 | 1798 | 7191.4 | Working | 12-03-2016 |
| 2 | Electrode silver poly propen body | Chemistry | 4 | 1056 | 4222.2 | Working | 12-03-2016 |
| 3 | Electrode platinum | Chemistry | 4 | 1275 | 5101.8 | Working | 12-03-2016 |
| 4 | Salt Bridge | Chemistry | 4 | 175.9 | 703.7 | Working | 12-03-2016 |
| 5 | Electrode glass | Chemistry | 4 | 747.7 | 2990.7 | Working | 12-03-2016 |
| 6 | Colorimeter digital with build in 8 impo. Filters, mains cum battery operated with chargeable battery charger reads OD and %T | Chemistry | 4 | 9788 | 39153 | Working | 12-03-2016 |
| 7 | Hot plate rectangular 10 inch x 12 inches thermostatic controlled | Chemistry | 1 | 3694 | 3694.4 | Working | 12-03-2016 |
| 8 | UV inspection Cabinet Single tube | Chemistry | 1 | 5959 | 5958.8 | Working | 12-03-2016 |
| 9 | Soxhlet extraction heating mantle type II 50 ml, number of holes 3, number of regulators 3 | Chemistry | 1 | 3615 | 3615 | Working | 12-03-2016 |
| 10 | Magnetic stirrer with hot plate cap. 1MLH maximum rpm 1000 max surface temp 120 | Chemistry | 4 | 3655 | 14619 | Working | 12-03-2016 |
| 11 | Melting point appartus | Chemistry | 1 | 2741 | 2741 | Working | 12-03-2016 |
| 12 | pH meter digital with unbreakable combined electrode | Chemistry | 1 | 7791 | 7790.6 | Working | 12-03-2016 |
| 13 | Potentiometer digital with build in std cell | Chemistry | 4 | 4894 | 19576 | Working | 12-03-2016 |
| 18 | Balance digital 600gms, 10 mg accuracy | Chemistry | 2 | 7491 | 14982 | Working | 12-03-2016 |
| 19 | Fume hood stainless steel 98x60x60 cm | Chemistry | 1 | 2E+05 | 173229 | Working | 12-03-2016 |
| 20 | Oven hot air laboratory type 18x18x18 inches | Chemistry | 1 | 17320 | 17320 | Working | 12-03-2016 |
| 21 | Waterbath 14x10x4 | Chemistry | 1 | 10368 | 10368 | Working | 12-03-2016 |

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|----|--|-----------|---|-------|-------|-------------------|------------|
| 22 | Oven hot air laboratory type 24x24x24 inches | Chemistry | 1 | 31462 | 31462 | Working | 13-03-2016 |
| | Water Distillation Unit | Chemistry | 1 | | | Under Procurement | |
| | Vaccum Pump | Chemistry | 1 | | | Under Procurement | |
| | UV-Vis Spectrophotometer | Chemistry | 1 | | | Under Procurement | |
| | Ultrasonic bath | Chemistry | 1 | | | Under Procurement | |
| | Calorimeter with thermometer | Chemistry | 1 | | | Under Procurement | |
| | FT-IR-Spectrophotometer | Chemistry | 1 | | | Under Procurement | |
| | Polarimeter | Chemistry | 1 | | | Under Procurement | |
| | Turbidometer | Chemistry | 1 | | | Under Procurement | |
| | Centrifuge | Chemistry | 1 | | | Under Procurement | |
| | Gas Chromatography (GC) | Chemistry | 1 | | | Under Procurement | |
| | Rotary Evaporator (Rotavapor) with Vaccum Pump | Chemistry | 1 | | | Under Procurement | |
| | IR-lamp (for compound drying) | Chemistry | 1 | | | Under Procurement | |
| | High Performance Liquid Chromatography (HPLC-Binary Pump) | Chemistry | 1 | | | Under Procurement | |