

GOVERNMENT ENGINEERING COLLEGE, KOZHIKODE

Details of Instruments required to be purchased for Chemistry Lab, APPLIED SCIENCE DEPARTMENT for the year 2017-18

Sl. No	Item	Specification	Quantity
1	Digital pH Meter	<ul style="list-style-type: none"> • Range:- pH: 0-14pH mV: +/-1999mV • Resolution:- pH: 0-0.1pH mV: +/-1mV • Accuracy:- pH: 0.01pH +/-1 Digit mV: 1mV +/-1 Digit • Temperature Compensation:- Manual 0-100°C • Display:- 3 1/2 Digit LED Display with auto polarity & Decimal • Calibration:- 2 point manual • Accessories :- Combined Electode, Stand assembly, Buffers & Instruction Manual • Dust Cover 	2
2	Digital Photoelectric calorimeter with 8 Filters	<ul style="list-style-type: none"> • Turette mounted Filters:- 420nm, 440nm, 490nm, 520nm, 540nm, 570nm, 600nm, 720nm • Display:- 3 1/2 Digit LED Display calibrated for Optical Density (Absorbance) • Light Source:- LED • Detector:- Spill proof selenium Photocell • Accessories:- Flat bottom test tubes (minimum 4 Nos), Instruction Manual • Dust cover 	2



3	Digital Potentiometer with Built in Magnetic Stirrer	<ul style="list-style-type: none"> • Input Configuration:- Bipolar • Range:- +/-1999mV • Resolution:- 1mV • Controls:- Manual controls for Set zero, Stirrer speed & Hold display • Polarization Current:- 10μA for metal to metal electrode • Polarity:- Automatic • Display:- 3 1/2 Digit LED Display • Over range indication • Accessories:- Platinum electrode 1 No., Reference electrode 1 No, Electrode stand assembly, Magnetic stirrer bar & instruction manual • Dust Cover 	2
---	---	---	---

Signature

Lab in charge

Saeed P.A

Asst. Professor in Chemistry

Dept of Appl Science.

Applied Science Department

ANURADHA. N
 Assistant Professor in Mathematics
 Govt. Engineering College
 West Hill P.O, Kozhikode- 673005

