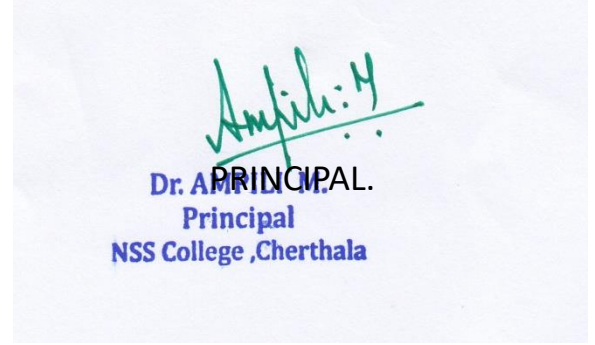


QUOTATION NOTICE

Sealed, competitive quotations are invited for the purchase of listed laboratory Equipments for Science Departments of college. The last date of the quotations to be received in the College office is 27th May 2023 at 10 am.

K.R. Puram

20/05/2022



NSS COLLEGE CHERTHALA

List of Instruments 2023-2024

Sl No	Name of equipment with specification	Qty
1.	Vernier Calipers	3
2.	Torsion pendulum apparatus brass disc 125mm diameter and 12mm thick, Aluminium ring of diameter exactly 125mm has two pins which fit into two cavities – heavy pattern	2
3.	Liquid lens arrangement with glass mirror, lens, retort stand with pointer, meter scale etc	4
4.	High quality durable rheostat – full metal parts, glass enamel coating, 30 cm length, 5cm dia 500Ω,	1
5.	High quality durable rheostat – full metal parts, glass enamel coating, 30 cm length, 5cm dia 120 Ω	2
6.	High quality durable rheostat – full metal parts, glass enamel coating, 30 cm length, 5cm dia 70Ω,	2
7.	Good quality True RMS Digital Multimeter - For Ripple Factor Measurements, AC Voltage Range: 200mV to 750V, DC Voltage Range: 200mV - 1000 V, AC Current Range: 200μA - 20 A, 3 ½ Digit with Backlight, 2000 Count Non Contact Voltage (NCV)	2
8.	Good quality milliammeter, wide dial (10x8cm), more sensitive, 0-500mA	2
9.	Good quality milliammeter, wide dial (10x8cm), more sensitive, 0-10mA	2
10.	Good quality Voltmeter, wide dial (10x8cm), more sensitive, 0-2V	2
11.	Good quality Voltmeter, wide dial (10x8cm), more sensitive, 0-10V	2
12.	High quality battery eliminator/dual supply, specially designed for Physics lab, output short circuit protection with indication, full metal body, output voltages 1.08V, 1.46V, 2-12V, -15 to +15 V for op amp experiments, Daniell cell and Leclanche cell electronic replacement, 2A output.	1
13.	Good quality standard resistance standard fitted in aluminium or steel turf bakelite case with 2 terminals, magnanin Coil, 1Ω	1
14.	Good quality standard resistance standard fitted in aluminium or steel turf bakelite case with 2 terminals, magnanin Coil, 2Ω	1
15.	DCC Wire high class double cotton wire generally used in lab for connections -500gm coil	1
16.	Good Quality analog Stop Watch, winding type, Start/Stop & Fly Back Action in metal body white powder coated	3

17.	Six way plug key commutator , circular with all brass nuts and screws fitted on thick bakelite base	2
18.	Surface Tension apparatus with Adjustable Stand Including Capillary Tube set	1
19.	Good quality ammeter, wide dial (10x8cm), more sensitive, 0-2A	2
20.	Daniel Cell Electronic	1
21.	Variable Power supply	1
22.	Transformer fixed with terminals , short circuit protected 9-0-9	3
23.	Commutator	1
24.	Table Lamp LED type	1
25.	Good quality micrometer screw gauge - stain less steel rod, 25 mm size, 1/2 mm pitch	3
26.	Viscosity Constant pressure head apparatus	1
27.	Scale and Telescope arrangement	1
28.	Compound bar pendulum apparatus	3
29.	Superior quality Potentiometer 10 wire made of teak wood	1
30.	Good quality Compass box with anti parallelax mirror, with permanent magnet and stone agate bearing needle , more sensitive	2
31.	Deflection Magnetometer good quality in Teak Wood	1
32.	Searle's vibration magnetometer	1
33.	Box type Vibration Magnetometer	1
34.	Haemoglobinometer	5
35.	Compound Microscopes	5
36.	Dissection Microscopes	5
37.	Weighing Balance (Digital)	1
38.	Student monocular microscope 10x, 40x, 100x magnification	1
39.	Light microscope, 10x & 40x	1
40.	Magnetic stirrer with hot plate	1
41.	Lab Stop watch	2