संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.) Ph. : 02164-266346, Fax : 02164- 266347

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NAAC "B+" Grade (CGPA 2.65)

Founder : **Hon. Jaywantrao Bhosale** President : **Dr. Suresh Jaywantrao Bhosale**

Principal : **Dr. Salunkhe C. B.,** M.Sc; Ph.D.

List of Equipment
Department of chemistry

KRISHNA MAHAVIDYALAYA, RETHARE BK.

DEPARTMENT OF CHEMISTRY

LIST OF MAJOR EQUIPMENT OF THE DEPARTMENT:

Sr. No	Item	Quantity
1.	LCD Projector	1
2.	Photoelectric colorimeter	1
3.	Magnetic Stirrer with hot plate	1
4.	Auto Polarimeter	1
5.	Polarimeter	1
6.	Videocon make Refrigerator	1
7.	Digital conductivity meter	1
8.	Digital potentiometer	2
9.	pH meter	1
10.	Abbes refractometer	2
11.	Direct reading potentiometer	1
12.	Thermostat	1
13	Conductivity meter	2
14.	Digital colorimeter	1
15.	Vacuum pump	1
16.	Digital balance (1 mg accuracy)	1
17.	Digital balance (10 mg accuracy)	1
18.	Oven	1
19.	Distilled water plant	1
20.	Fire extinguisher	3
21.	Computer	1

HOD
The Department of Chemistry

PRINCIPAL

Department of statistics

Shetkari Shikshan Prasarak Mandal's,

KRISHNA MAHAVIDYALAYA RETHARE BK.

DEPARTMENT OF STATISTICS

EQUIPMENT LIST

Sr. No.	Name Of The Equipment	Qty
1	PC	01

Head of Statistics

for Head,
Department of Statistics
Krishna Mahavidyalay

Principal

PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD

Department of electronics

Shetkari Shikshan Prasarak Mandal ,

KRISHNA MAHAVIDYALAYA RATHARE BK

DEPARTMENT OF ELECTRONICS

EQUIPMENT LIST

Sr No.	Name Of The Equipment	Qty
1	PC/ Laptop	0
2	Printer	0
3	Microprocessor Programmer	4
4	Microcontroller Programmer	2
5	Digital Multimeter	8
6	CRO	3
7	Frequency Generator	2
8	Power Supply	6
9	Ordinary digital meters	12
	Total	37

Krishna Mahavidyalaya, Rethare Bk. Shivnagar 415108

For

Head
The Department of Electronics
Krishna Mahavidyalaya, Shivnagar

Department Of Electronics

HEAD
DEPARTMENT OF PHYSICS
KRISHNA MAHAVIDYALAYA,
Rethare Bk; Shivnagar - 415108

Head Of Department

Principal
Krishna Mahavidyalaya, Rethare Bk,
Tal Karad : 415 108 (MS)

Principal

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Department of Physics

List of Equipment

Sr. No	Item	Quantity
1.	Kyocera Printer	1
2.	Electrochemical Work Station (DST-SERB Major Research Project).	1
3.	Optical Bench	2
4.	Centrifuge	1
5.	Electronic Balance	1
6.	Magnetic stirrer with Heater	1
7.	Distillation Plant	1
8.	CRO	6
9.	Frequency Generator	6
10.	Dimer stat	6
11.	TPSU	3
12.	Travelling Microscope	12
13.	Wins bridge Apparatus	1
14.	E/M Thomson's apparatus	2
15.	Earth Inductor Apparatus	2
16.	Spectrometer	6
17.	B.G. With lamp Arrangement	5
18.	Optical Bench (Research Type)	2
19.	To determine the value of Stefan's Constant.	01

20.	To determine the coefficient of thermal conductivity of copper by Searle's Apparatus.	01
21.	To determine the coefficient of thermal conductivity of copper by Angstrom's method	01
22.	Coupled Oscillator.	01
23.	To determine the coefficient of thermal conductivity of a bad conductor by Lee And Charlton's disc method.	01
24.	To determine the temperature coefficient of resistance by Platinum resistance thermometer.	01
25.	To study the variation of thermo e.m.f. across two junctions of a thermocouple with Temperature.	01
26.	To record and analyze the cooling temperature of hot object as a function of time using a Thermocouple.	01
27.	To calibrate Resistance Temperature Device (RTD) using Null Method/Off-Balance Bridge	01
28.	Single Distillation water plant	01
29.	To determine the ratio of specific heat of air by Kundt's tube.	01
30.	To determine the Joules constant by electric method.	01
31.	To Determine Thermal expansion in solid	01
32.	To determine the Mechanical Equivalent of Heat, J, by Callender and Barne's constant flow Method.	01
33.	To determine the frequency of an electrically maintained tuning fork by Melde's experiment and to verify λ2– T Law	01
34.	To determine the coefficient of viscosity of water by the capillary flow method (Poiseuille's method)	01
35.	Determine the specific heat of a graphite	01
36.	Digital PH Meter for pH measurement	01
37.	Heater with Magnetic stirrer.	01
38.	Probe sonicator/Ultra sonicator (1.5ltr/2.5ltr)	01
39.	Magnetic Starer	1
40.	Programmable Furnace	1
41.	2 KVA APC Online UPS	1

42.	1 KVA Online UPS with inverter and Battery	1
43.	All-in-One HP LaserJet MFP 136a Printer	1
44.	EPSON colour Printer (DST-SERB Major Research Project).	1
45.	HP i7, 12th Generation Computer (DST-SERB Major Research Project).	1
46.	Lenovo All-in-One Computer	1
47.	HP Laptop	1
48.	Multichannel Electrochemical workstation (Potentiostat/galvanostat) (Model: SP 150e)	

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Principal
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Tal. Karad : 415 108 (M.S)

DEPARTMENT OF BOTANY LIST OF INSTRUMENTS/EQUIPMENTS		
Sr. No	Item	Quantity
1.	Incubator	1
2.	Microtome	1
3.	Oven	1
4.	Projection Microscope	1
5.	Research Microscope	1
6.	Rough Balance	1
7.	Spectronic 20	1
8.	Hot plate	2
9.	Stereoscope Microscope 1	2
10.	Slide Projector	1
11.	Monoplane Balance	1
12.	Camera Nikon	1
13	Centrifuge machine	1
14.	Electrophoresis power pack	1
15.	Buckner funnel	1
16.	pH Meter with electrode	1
17.	G.P.S Global position system	1
18.	Calorimeter	1
19	Econ. pipette 0.5 to 10	1
20	Grinding machine	1
21	Microscope with Photography	1

22	Double Beam Spectrometer	1
23	Dig. Balance 10mg	1
24	Monocular Microscope HB	10
25	Stereo Troilocular Microscope	1
26	Nikon Camera No-6164955	1
27	GVC Camera	1nos
28	Olympus Binocular	1nos
29	HarbariumCupbird	1nos
30	Camera ASS (Stand)	1nos
31	Hair dryer	1nos

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Department of zoology

RESOURCES/MAJOR EQUIPMENT OF THE DEPARTMENT OF ZOOLOGY

Sr. No	Item	Quantity
1.	Research Microscope	1
2.	Oven	2
3.	Projection Microscope	1
4.	Chemograph	3
5.	Microtome	2
6.	Haemocytometer	4
7.	Binocular	3
8.	Incubator	1
9.	Medical Microscope	1
10.	Water Bath	1
11.	BP Apparatus	1
12.	Stethoscope	1
13	Binocular microscope	1
14.	Digital Haemoglobinometer regular.	1
15.	Haemoglobinometer regular	2
16.	Digital Glucometer.	1
17.	Digital BP Apparatus	1
18.	Digital Binocular Microscope	1
19.	Hot plate	1
20.	Monocular Microscope	10

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