

**St. Xavier's College (Autonomous),
Palayamkottai – 627002**

Lab Equipments List

Chemistry

S. No	Name of the Equipment	Quantity (in Number)	Date of Purchase
1	UV Chamber	1	21/02/2023
		1	28.03.2009
2	HPLC-Octopus	1	02.05.2018
3	I R Sprit L	1	17.05.2018
4	Combined electrode	1	27.03.19
5	Dessicator vaccum	1	15.02.2019
		3	21.02.2023
6	Double stage vaccum pump	1	25.01.2017
		1	27.03.2008
7	Rotary Evaporator	1	09.08.2016
		1	15.02.2019
8	UV Spectro Photometer	1	15.03.2014
9	Micro Centrifuge (Spin Win) Centrifuge Regulator	1	06.01.2015
		1	31.10.2011
10	Double Distillation unit	1	25.01.2014
		1	21.02.2023
11	Incubator Guna Inner Dimension	1	09.12.2013
		1	29.09.2014
12	Autoclave	1	09.02.2013

		1	16.08.2010
13	Technico circulating Water both	1 1	09.02.2013 01.03.2007
14	Suction Pump	1	31.10.2011
15	Clarity Visualizer Model	1	26.03.2011
16	High Temperature Muffle Furnace (1400)&305KW	1 1	16.08.2010 16.08.2010
17	Ultrasonic Cleaer Capacity	1	16.08.2010
18	Abbe Refractrometer Weswox	1	16.08.2010
19	Electronic Balance	1 2 2	21.11.1998 21.02.2023 30-09-2019 29.09.2014
20	Guoy Balance	1	24.02.2007
21	Heating mantle (250 ml)	2	16.08.2010
22	Rotatory shaker	1	5.12. 2007
23	Deioniser	2	27.03.2007
24	Microprocessor used water and soil testing kit	1	28.03.2009
25	Electrochemical work station	1	25.03.2009
26	Polarimeter	1	28.03.2009
27	PH Meter	10 5	16.08.2010 21.02.2023
28	Flame Photometer	1 1	28.03.2009 21.02.2023

29.	Electrical heater	1	28.03.2009
30	Ultero soniee inderoferometer	1	16.08.2010
31	Shaker	1	16.08.2010
32	Potentiometer+	2	16.08.2010
		2	30.10.2011
33	Microwave oven	1	30.08,0210
34	Magnetic starrer	1	13.03.2018
		1	15.02.2019
		5	21.02.2023

Computer Science

S. No	Name of the Equipment	Quantity (in Number)	Date of Purchase
1	Corei5, 4GB, 240 GB HDD, Asus H310 Motherboard, Dell Monitor E1918H	25	21-01-2021
2	Core i5, 8GB RAM, 256 GB Harddisk, Gigabyte H410MHv2 Motherboard, Consistent CTM2001 Monitor	25	04-10-2021
3	Corei7Gen12, 16 GB RAM, 1 TB Hard Disk, Gigabyte B6660M Mother board, Dell D2020h Monitor	8	22-07-2022
4	Xeon 8 Server, 2 GB RAM, 160 GB Hard Disk, IBM K179088W19L Processor, LG_w1943c Monitor	1	30-03-2008
5	Xeon 8 Server, 2 GB RAM,	1	30-03-2008

160 GB Hard Disk, S7501HG0 Processor, S _933 Monitor		
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Mathematics

S. No	Name of the Equipment	Quantity (in Number)
1	Desktop computers	35
2	Laptop computer	9
3	OHP	1
4	LCD (fixed)	7
5	LCD(Movable)	2
6	LCD Screen	5
7	Interactive Board	4
8	Visualizer	1
9	Digital Camera	1
10	Video Camera	1
11	IBM SERVER	1
12	UPS	3
13	Printer	2
14	Switch HP	1
15	Computer Lab	1
16	Smart class room	1
17	Smart Board	2

Physics

S. NO	NAME OF THE EQUIPMENT	QUANTITY (IN NUMBER)	DATE OF PURCHASE
1	AUDIO OSCILLATOR 2HZ- 200KHZ 415AF PICO	5	03.07.2023
2	TRANSFORMER (6-0-6) OPEN TYPE BESTO	5	03.07.2023
3	DIFFRACTION GRATING	5	03.07.2023
4	DIFFRACTION GRATING IMPORTED	5	03.07.2023
5	FREQUENCY METER 2 GHZ BESTO	2	03.07.2023
6	MICROPROCESSOR 8085	2	03.07.2023
7	RS 232 CABLE	2	03.07.2023
8	SPECTROMETER	2	03.07.2023
9	SPECTROMETER PRISM 32MM CROWN GLASS	5	03.07.2023
10	IRON STAND WITH CLAMP	10	03.07.2023
11	CAPILLARY TUBE 0.5 MM	10	03.07.2023
12	MERCURY VAPOUR LAMP SOURCE	2	03.07.2023
13	IN CONTACT &OUT OF CONTACT LENS HOLDER LAMP WITH SCREEN WIRE	5	03.07.2023
14	STOP WATCH DIGITAL	10	03.07.2023
15	HARES APPARATUS	2	03.07.2023

16	TORSION PENDULUM IRON PAINTED	1	03.07.2023
17	GLASS CUTTER DIAMOND POINT	1	03.07.2023
18	TRAVELLING MICROSCOPE	2	03.07.2023
19	READING TELESCOPE	2	03.07.2023
20	SINGLE OPTICAL LEVER 2	10	03.07.2023
21	FIBER OPTIC CABLE WT. CONNECTOR 1MT. LONG BESTO	5	03.07.2023
22	AIR WEDGE APPTS	5	03.07.2023
23	SCREW GAUGE 15 MM	10	03.07.2023
24	HEAD PHONES OF LOW RESISTANCE 410 PICO	5	03.07.2023
25	STOKES APPARATUS WOODEN	2	03.07.2023
26	SINGLE OPTICAL LEVER 2	5	03.07.2023
27	FOUR DIAL CAPACITANCE BOX 0.001,0.01, 0.1, 1.0 PICO MODEL-111	5	03.07.2023
28	4 DRB10, 100, 1000 & 10000 OHM MFR MF156C	5	03.07.2023
29	MILLIAMMETER 0-25 MA	3	03.07.2023
30	STEFANS LAW 0-12V POWER SUPPLY DIGITAL VOLTMETER SL01 PICO	1	03.07.2023

31	THERMOMETER 0-150 DEGREE	10	03.07.2023
32	TWO PROBE KIT UPTO 200C W/O SAMPLE BESTO	11	03.07.2023
33	FOT2 OPTICAL FIBRE LOSS, NUMERICAL APERTURE (NA) AND ACCEPTANCE ANGLE COMP KIT	2	03.07.2023
34	MAGNETO RESISTANCE KIT BESTO	11	03.07.2023
35	ULTRASONIC DIFFRACTION CONSISTING OF ULTRASONIC BL05 PICO	1	03.07.2023
36	RS232 CABLE	3	03.07.2023
37	LS001 DIODE LASER SOURCE (PARALLEL RAY) 670 NM- 2MW-RED	1	03.07.2023
38	LS002 WOODEN OPTICAL BENCH, SLIDE HOLDER, SLIDE&SCREEN	1	03.07.2023
39	LS005 SCALE 150-0-150 & HOLDER FOR WAVELENGTH DETERMINATION USE	1	03.07.2023
40	DIGITAL IC TRAINER ADVANCED MODEL – FLORONIX	3	03.07.2023
41	DIGITAL MULTIMETER MECO	5	03.07.2023

42	DUAL POWER SUPPLY +12V, - 12V, 1AMPS BESTO	5	03.07.2023
43	RHEOSTAT GROOVED TYPE 2.8 AMPS, 30 OHMS BESTO	5	03.07.2023
44	OP AMP CABLE	100	03.07.2023
45	CRO CABLE	5	03.07.2023
46	SPOT REFLECTING GALVANOMETER OSAW	1	28.8.2023

Zoology

S. No.	INSTRUMENTS	NO. OF STOCK	YEAR OF PURCHASE
1.	Altimeter	1	--
2.	Animal cage	7	1998 & 2008
3.	Balance(Beranger)	5	1998 & 2008
4.	Balance(Triple beam)	2	1998
5.	Balance(Chemical)	1	1998
6.	Balance(Physical)	2	1998
7.	Binocular Microscope	1	1998
8.	Camera(Microscope adaptor & Cable balance)	1	1998
9.	Camera Lucida	1	1998
10.	Centrifuge	1	1998
11.	Colorimeter	6+3	1998, 30.9.13
12.	Cooker	7	1998 2000 2005 & 2009
13.	Cyclomixer	3	1998
14.	Combined Electrode (Systronics)	1	1998
15.	Dissecting Microscope	21+31	1998 2000 2009 & 2010

16.	Electric Bunsen Burner	6+11	1998 2005&2008
17.	Electronic Top Loading Balance	3	1998 1999 &2003
18.	Electrophoresis(Power pack)	1	1998
19.	Energy Regulator	1	1998
20.	Epidiascope	1	1998
21.	Haemocytometer	52 + 11	1998, 20062015, 12.10.17
22.	Haemometer	12 + 6	1998 & 2006, 15.12.17
23.	Hot air blower	2	1998
24.	Homogenizer	1	1998
25.	Immuno Electrophoresis and Power pack	1	2007
26.	Inoculation Chamber	1	2007
27.	Kjeldhal Distillation Sil;ver tube - Condenser	1	2007
28.	Knife sharpner	1	2008
29.	Kymograph	2	2008
30.	Lovibond Comparator	1	2008
31.	Mechanical stage	12	2009
32.	Microtome	6	2009
33.	Microtome Knife packing	4	2010
34.	Microscope		
35.	Microscope lamp	4	--
36.	Mixie	1	1998
37.	Mono pan balance	2	1998
38.	Ocular micrometer	13	2005
39.	Ocular micrometer in 10X eye piece	4	1998
40.	Phase contrast equipment	1	1998
41.	pH meter	4	2000
42.	Pointer eye piece (10x 15x)	10 -7/ 15- 5	1998
43.	Refrigerator	2	2001
44.	Sipcon electro freezer (Power supply)	1	1
45.	Sphymomanometer (BP apparatus)	1	1998
46.	Stethoscope	1	1998
47.	Stereoscope Binocular Microscope	3	19982009
48.	Stop Watch	18	1999
49.	Stop Clock	24	1998,1999,2

			003,2005
50.	Stage Micrometer	8	2005
51.	Trans Pipetter	1	1998
52.	UV Lamp	1	1998
53.	Water bath	3	
54.	Bomb Colorimeter	1	1998
55.	Muffle Burnace	1	1998
56.	V Guard stabilizer	2	19982001
57.	Oxygen cylinder	1	1998
58.	Hot Plate (Electric)	--	
59.	Voltage Stabilizer	2	1998
60.	Incubator	4	20062010
61.	Magnetic hot plate (with stirrer)	1	1998
62.	Heating Mantle (500 ml)	--	
63.	Hot air woven	2	1998
64.	Laminar air flow bench	2	19992014
65.	Conductivity bridge	1	1998
66.	Spectrophotometer	2	19982008
67.	Digital HP meter	1	1998
68.	Over head Projector	3	
69.	Microscope adaptor	1	2013
70.	Digital Oxygen meter	1	2000
71.	Salinity tester & soil pH meter	1	2000
72.	Trinocular Microscope	3	2010
73.	Cell counter (Plankton)	10	2002
74.	Computer	10	
75.	Weight box (wood)	12	1998
76.	Insect Cabinet	1	2000
77.	Computer Printer	1	2004
78.	Colour TV	1	2004
79.	DVD Player (Thomson)	1	2004
80.	Collar Mic (Ahuja)	1	2004
81.	Amplifier system (Ahuja)	1	2004
82.	Speaker	1	2004
83.	Sound level meter	1	2004
84.	Generator (Honda)	1	
85.	Thermo CO2 incubator	1	2005
86.	Vaccum Pump	1	2006
87.	Soitex Filter Pump Egitron	1	2006
88.	Membranous filter holder (250 ml)	1	2006
89.	Membranous filter holder (500 ml)	1	2006
90.	Spare seal kit (250 ml)	1	2006

91.	Spare seal kit (500 ml)	1	2006
92.	Buclwer funnel (60 ml)	5	2006
93.	Buclwer funnel (75 ml)	5	2006
94.	Flask shaker (digital)	1	2007
95.	Magnus Trinocular microscope	1	2007
96.	Magnus Image Protection CCTV	1	2007
97.	Paxisope XXL	--	
98.	Electrophoresis with Gel document	1	2007
99.	Spare Head Centrifuge 12c	2	2008
100.	Balance (Shimadzu 0.01g model ELB 200)	1	2008
101.	Balance digital (1g)	1	2008
102.	Distillation unit(All glass borosilicate)	1	2008
103.	Four bed demineralizer	1	27.03.2008
104.	Reverse osmosis system	1	27.03.2008
105.	Sony LCD Projector VPL Ex.4	1	
106.	Lap top	3	
107.	Projection Screen with tripod stand	1	2008
108.	A/C whirlpool 2 ton/5kv stabilizer	4	2008
109.	Island Table	9	20082010
110.	Digital pH meter/Micro pipette	4	2009-2012
111.	Revolutionary high speed centrifuge R 24	2	2009
112.	Videocon A/C	2	2009
113.	Numeric Power system (3 HP/2HP)	1	1
114.	UV Spectrophotometer (Shimadzu UV 1800)	1	2009
115.	Working table with cupboard	1 unit	2009
116.	Interactive white board	1	2010
117.	Writing table with model chairs	working	2010
118.	Water supply	working	2010
119.	Power supply	working	2010
120.	Mount kit and other	working	2010
121.	Store and Cooker 10 Lt	working	2011
122.	HP Laser Printer M1005 model	working	2011
123.	Electronic and styles long pen	working	2011
124.	Clarity visualize Model 8000m	working	2011
125.	Battery EP 26 AH and 42 AH	working	2013
126.	Autoclave (Portable)	1	7.12.14
127.	Vertical Deep Freezer BFS 150	working	2015
128.	Solar Power System	working	2015
129.	Rotary vaccum evaporator	working	2016

130.	Digital Colony Counter Deep vision	working	2016
131.	Thermal cycler 2720 PCR	1	2015
132.	Computers and others	4	2015
133.	Microscope with Camera WTC 5500 TR Tissue culture	1	2015
134.	SDS Page mini	3	2015
135.	AGE mini	2	2015
136.	Power pack analytical	1	2015
137.	Power pack mini	1	2015
138.	Rapid mini dual wet blot	2	2015
139.	Southern blot apparatus	1 unit	2015
140.	Micropipette 0.5-10 micro ml	1	2015
141.	Digital micropipette	3	10.9.13
142.	Laminar air flow*	1	30.9.13
143.	Water bath 6 holes Digital	1	7.12.14
144.	Portable autoclave	1	7.12.14
145.	Vertical Deep freezer	1	3.3.15
146.	Rotary vacuum evaporator	1	29.2.16
147.	Digital Colony Counter	1	29.2.16
148.	Tissue homogenizer	1	12.10.17
149.	Digital balance	1	1.11.17
150.	Combined electrode	2	2.11.17
151.	Multimedia speaker (CPE)	1	29.6.2018
152.	Epson LCD Projector (CPE)	1	29.6.2018
153.	Teaching Aids (CPE grant)	9 files	29.6.2018
154.	Water bath –Digital (FIST)	1	18.02.2019
155.	Phase Contrast Microscope (FIST)	1	14.02.2019
156.	Florescence attached(FIST)	1	14.02.2019
157.	Dark field microscope(FIST)	1	14.02.2019
158.	Autoclave-Digital(FIST)	1	18.02.2019
159.	Inverted Microscope (FIST)	1	28.03.2019
160.	5 MP CMOC camera	1	28.03.2019
161.	ELISA-Reader (FIST)	1	30.03.2019
162.	ELISA-Washer (FIST)	1	30.03.2019
163.	Laminar Air Flow Chamber (management)	1	30.03.2019
164.	Advance Student Microscope (Auto)	7	05.02.19& 19.03.2019
165.	Microscope mutex	06	16.10.2019
166.	Electric balance	01	16.10.2019
167.	Quick spin mini centrifuge	01	29.10.2019
168.	Biosafety cabinet	01	02.02.2023

169.	Cooling centrifuge (Remi)	1	02.02.2023
170.	CO2 incubator	1	21.03.2023
171.	Whirlpool refrigerator	1	03.03.2023
172.	LYNX – student monocular microscope	25	20.04.2023
173.	Refrigerator	1	-
174.	Deep freezer	1	-
175.	Camera (lucidia)	1	-
176.	Centrifuge	1	-
177.	Cooling centrifuge	1	-
178.	Thermal cycler (mini)	1	-
179.	Microscope (ds+c)	3	-
180.	Microscope (hr)	1	-
181.	Microscope with camera	1	-
182.	Microscope (optical)	1	-
183.	Transilluminator	1	-
184.	Uv-transilluminator	1	-
185.	Tripod	2	-
186.	Distillation unit	2	-
187.	Stb	2	-
188.	Water bath	1	-
189.	Electronic balance	1	-
190.	SDS-page unit	1	-
191.	Dessicator	1	-
192.	Electric rice cooker	1	-
193.	UV-spectrophotometer	1	-
194.	Colorimeter	1	-
195.	Incubator	1	-

196.	Environmental chamber	1	-
197.	Insect display board	2	-
198.	Rabbit cage	1	-
199.	Slide projector	1	-
200.	Microtome	1	-