ST. XAVIER'S COLLEGE, MAPUSA – GOA
College with Potential for Excellence
Re-accredited by NAAC with A Grade
Awarded DBT STAR College Scheme

ASSETS ACQUIRED UNDER THE DBT STAR COLLEGE SCHEME

During the Period 1st April 2022 to 31st March 2023

Name of the Department: Biotechnology and Microbiology

S. No.	Name of Equipment / Asset	Quantity Procured
1	Electrophoresis unit (Horizontal)	2
2	Electrophoresis unit – Dual (Vertical)	2
3	Bacteriological Incubator	1
4	Colorimeter	2
5	Distillation Unit	1
6	Micropipettes- 0.5 to 10 µl	2
7	Micropipettes- 5 to 50 µl	1
8	Micropipettes- 10 to 100 µl	2
9	Micropipettes- 100 to 1000 µl	3
10	Micropipettes- 1000 to 10000 µl	2
11	Potentiometer	3
12	Refrigerator with stabilizer	1
13	Monocular medial microscope	2
14	Steam sterilizer Gel imaging system Programmable micro centrifuge Pipette pump 0.1to 25mls Immunoelectrophoresis unit	2 1 1 6 1

Name of the Department: Botany

S. No.	Name of Equipment / Asset	Quantity Procured
1	Solvent filtration apparatus	1
2	pH meter	1
3	Mini incubator model doer	1
4	Visible spectrophotometer	1
5	Air Dryer	2
6	Bacteriological lab incubator	1
7	Monocular microscopes LM521602	50

Name of the Department: Chemistry

S. No.	Name of Equipment / Asset	Quantity Procured
1	KBr Press Machine (15 tonnes) Automatic	1
2	KBr Die Set 13mm diameter	2
3	KBr for IR Spectroscopy 100 g	2
4	KBr Windows	2
5	Liquid cell holder	1
6	Mull cell holder	1
7	Dry Box for FTIR	1
8	Vacuum desiccator	4
9	Vacuum desiccator with pressure gauge (6L, UV amber)	2
10	Agate stone mortar and pestle (Black) 65mm diameter	2
11	Agate stone mortar and pestle (Black) 85mm diameter	4
12	Agate stone mortar and pestle (Black) 110mm diameter	2
13	Agate stone mortar and pestle (Black) 125mm diameter	1
14	3KVA Online UPS Inverter and UPS	1
15	PC i3 processor, 16 GB RAM	3
16	Printer (colour)	1
17	Electronic balances	3
18	Magnetic stirrer with heater	4
19	Muffle Furnace with auto control	1
20	Autoclave (steam sterilizer - 18L)	1
21	Melting Point Apparatus	3
22	Melting Point Apparatus	1

Name of the Department: Computer Science and Mathematics

S. No.	Name of Equipment / Asset	Quantity Procured
1	80 inches interactive board (Non ceramic)	4
2	Short throw projector 3500 lumens with wall mount & 10 mtr HDMI & power cable	1
3	PC, Visualiser & UPS, Soundbar, 1KVA offline UPS, Mini PC, Document camera & Multimedia controller	1
4	WXGA Short Throw 4000 Lumens Projector with WMK (Multimedia Projector PROJ-IMPACT-CW40-S+WMK)	2
5	DTD Cabinet with controller, Visualiser, 15 Mini PC 8 GB RAM, 1 TB HDD, 1 KVA offline UPS Soundbar, Wireless Keyboard Mouse (Digital Teaching System DTS-CDTS)	2
6	Computer Desktop (Desktop Lenovo M70C 11 GL-S01J00 I3 10100 4 GB/1 TB/ DO) A) SSD Dahua 256 GB NVMEM.2 B) Monitor Lenovo D22-20 21.5'' TFT	2 2 2

Name of the Department: Electronics

S. No.	Name of Equipment / Asset	Quantity Procured
1	GDS-1102B 100MHz, 2-channel Digital Storage Oscilloscope	4
2	GFG-1013 3MHz Dual display DDS Function Generator	5

Name of the Department: Physics

S. No.	Name of Equipment / Asset	Quantity Procured
1	Franck Hertz Experiment	2
2	Cathode Ray Oscilloscope	6
3	Hot Plate Rectangular	2
4	Millikan's Oil Drop Apparatus	1
5	Hysteresis by Magnetometer	2
6	"HUION" Drawing Monitor	2
7	Franck Hertz Apparatus	1
8	Viscosity Poiseuille's Apparatus Rubber tubing 8 mm bore Digital stop watch LC 1/100 Sec	3 5 5
9	Surface Tension Quinck's Apparatus Glass Beaker Borosil Glass 250 ml Travelling Microscope	3 3 3
10	For Searle's Thermal Conductivity Apparatus Pinch Cork Thermometer 110x1/2°C Thermometer 110x1/5 °C Steam Boiler Rubber cork for Steam Boiler Hot plate	 3 4 4 2 2 2
11	Magnetic Stirrer with Hot Plate 2 Litres	1
12	Ballistic Galvanometer 115	4
13	2 MHz Function Generator	12
14	DC 2X30 V /3 A	10
15	Specific heat of graphite apparatus	2
16	DC Galvanometer 30-0-30	6
17	Induction heater 2000 W Coil Type Flat	4
18	Piezoelectric crystal kit	4