

NAME OF THE LABORATORIES

SCIENCE LABORATORIES			
S.NO	NAME OF THE LABORATORIES	NAME OF THE BLOCK	NUMBER OF LABORATORIES
1.	CHEMISTRY LAB	SACRED HEART BLOCK	2
2.	PHYSICS LAB	SACRED HEART BLOCK	1
3.	BOTANY LAB	ST. FRANCIS BLOCK	3
4.	ZOOLOGY LAB	AVE MARIA BLOCK	2
5.	BIO INFORMATICS LAB	MOTHER TERESA RESEARCH CENTRE	2
6.	COMPUTER LAB	ALL BLOCKS	7

SPECIALISED EQUIPMENTS IN SCIENCE LABORATORIES

DEPARTMENT OF CHEMISTRY

S.NO.	NAME OF THE EQUIPMENT	NUMBER OF EQUIPMENT	FUNDING AGENCY
1.	Demineraliser "BHANU" make double bed Model DOO LTR per hour with digital conductivity meter model AQUA DM-XL/600/100	1	UGC
2.	Spectro photometer	1	DBT
3.	Vacuum pump oil free diaphragm type psi 45	1	UGC
4.	Digital Salinity meter (Deep Vision make)	1	UGC
5.	Conductivity meter Elico make	2	UGC
6.	Melting Point Apparatus Sigma make	3	UGC
7.	Conductivity cell for conductivity meter	6	UGC
8.	Digital Conductivity meter Mighty Make	4	UGC
9.	Digital Potentiometer Mighty Make	4	UGC
10.	Life Lab Colorimeter Battery backup S.No 6030	1	UGC
11.	Flame Photometer (Microprocessor with Sodium and Potassium Filters (EI – 1382)	1	UGC
12.	Rotary Vacuum Evaporator EQUITRON EVII	1	UGC
13.	Oil Free Vacuum Pump Super Fit OFD -45 D	1	UGC
14.	Water Circulator EQUITRON	1	UGC
15.	Workstation	1	DST-FIST
16.	1205/1Cylindrical Oil Bath	1	UGC
17.	Vacuum Desiccator 200 mm	1	UGC
18.	Spectrofluorometer	1	DST-SERB
19.	Digital Photoelectric Colorimeter	1	UGC

DEPARTMENT OF PHYSICS

S.NO	NAME OF THE EQUIPMENT	NUMBER OF EQUIPMENT	FUNDING AGENCY
1	Electronic Balance	1	Autonomous
2	Ballistic Galvanometer	1	Autonomous
3	Solar Cell Characteristic Apparatus	1	Autonomous
4	Cathode Ray Oscilloscope	1	UGC
5	Audio Frequency Oscillator	1	UGC
6	Digital IC Trainer	1	UGC
7	Electronic Balance	1	Self-finance fund
8	Digital IC Trainer	1	Aided

DEPARTMENT OF BOTANY

S.NO.	NAME OF THE EQUIPMENT	NO OF EQUIPMENT	FUNDING AGENCY
1.	Vertical Autoclave Kemi make	1	DST / FIST
2.	Laminar Air Flow chamber	1	DST –/FIST
3.	PCR Thermal Cycler	1	DST / FIST
4.	Biokjel-Automatic Protein/ Nitrogen Estimation System	1	DST / FIST
5.	Digital Photoflurometer	1	DST / FIST
6.	PC Based UV-VIS Spectrophotometer	1	DST / FIST
7.	Binocular Microscope	1	DST / FIST
8.	Senior Rotary Microtome	2	DBT STAR COLLEGE SCHEME
9.	High Speed Table top Research Centrifuge	1	DBT STAR COLLEGE SCHEME
10.	Digital pH Meter	1	DBT STAR COLLEGE SCHEME
11.	Visible Spectrophotometer	2	DBT STAR COLLEGE SCHEME
12.	Oxygen Analyzer	1	DBT STAR COLLEGE SCHEME
13.	Electrophoresis - Mini Submarine Apparatus	2	DBT STAR COLLEGE SCHEME
14.	Digital microscope	1	DBT STAR COLLEGE SCHEME
15.	Clevenger's Apparatus	1	DBT STAR COLLEGE SCHEME
16.	Rotary shaker	2	DBT STAR COLLEGE SCHEME
17.	Clinical Centrifuge	2	DBT STAR COLLEGE SCHEME
18.	Respiration Apparatus	1	DBT STAR COLLEGE SCHEME
19.	Muffle furnace	2	DBT STAR COLLEGE SCHEME
20.	PCR Thermal Cycler 24 x 0.2"	1	DBT STAR COLLEGE SCHEME
21.	Magnus (Olympus) Inclined Monocular Microscope	1	DBT STAR COLLEGE SCHEME
22.	Fluorimeter	1	DBT STAR COLLEGE SCHEME
23.	Magnetic stirrer	1	UGC – Major Project
24.	Soxhlet Apparatus	1	UGC – Major Project
25.	Double Distillation Unit	1	UGC – Major Project
26.	Micro Kjeldahl Apparatus	1	UGC – Major Project
27.	Vacuum Evaporator	1	UGC – Major Project
28.	Flame Photometer	1	UGC – Minor Project
29.	pH Meter	1	UGC – Minor Project
30.	Laminar airflow Vertical & Horizontal chamber	2	UGC – Minor Project
31.	Soxhlet Apparatus	2	UGC – Minor Project
32.	Double Distillation Unit	2	UGC – Minor Project

DEPARTMENT OF ZOOLOGY

S. No.	NAME OF THE EQUIPMENT	NO. OF EQUIPMENT	FUNDING AGENCY
1	Cooling incubator shaker	1	DST/FIST
2	Binocular research microscope with camera	1	DST/FIST
3	Visible spectrophotometer with microprocessor	1	DST/FIST
4	Binocular microscopes	4	DST/FIST
5	Magnetic stirrer with hot plate	1	DST/FIST
6	Waterproof PC tester	2	DST/FIST
7	Micropipette variable volume	3	DST/FIST
8	Water bath rectangular	1	DST/FIST
9	Horizontal laminar air flow	1	DST/FIST
10	Pocket pH meter	1	DST/FIST
11	BOD incubator	1	DST/FIST
12	Cooling centrifuge	1	DST/FIST
13	Flame photometer	1	DST/FIST
14	Incubator	1	DST/FIST
15	Orbital shaker	1	UGC - COP
16	Conductivity/TDS meter	1	UGC - COP
17	Turbidity meter	1	UGC - COP
18	Hot plate	1	UGC - COP
19	Flame photometer	1	UGC - COP
20	Digital potentiometer	1	UGC - COP
21	Medical microscope	20	DBT Star College Scheme
22	Horizontal laminar air flow	2	DBT Star College Scheme
23	Centrifuge	1	DBT Star College Scheme
24	Microwave oven	1	DBT Star College Scheme


25	Top loading balance	1	DBT Star College Scheme
26	Micropipette	12	DBT Star College Scheme
27	Monocular microscope	19	DBT Star College Scheme
28	Vertical electrophoresis kit	15	DBT Star College Scheme
29	Horizontal electrophoresis kit	14	DBT Star College Scheme
30	Stage micrometer	5	DBT Star College Scheme
31	Ocular micrometer	3	DBT Star College Scheme
32	Revolutionary high-speed centrifuge	1	DBT Star College Scheme
33	Rotary vacuum evaporator	1	DBT Star College Scheme
34	Deep freezer	1	DBT Star College Scheme
35	Trinocular research microscope	1	DBT Star College Scheme
36	Double distillation unit	1	DBT Star College Scheme
37	Visible spectrophotometer with micro processor	1	DBT Star College Scheme
38	Incubator	1	DBT Star College Scheme
39	Rotary microtome	1	DBT Star College Scheme
40	Electronic balances	2	DBT Star College Scheme
41	Dry bath heating	1	DBT Star College Scheme
42	Moisture analyzer	1	DBT Star College Scheme
43	Hot plate	1	DBT Star College Scheme
44	Eprovite silk reeling unit	10	DBT Star College Scheme
45	Autoclave vertical	1	DBT Star College Scheme
46	Hot air oven	1	DBT Star College Scheme
47	Fume cupboard	1	DBT Star College Scheme

DEPARTMENT OF BIO-INFORMATICS

S. NO	NAME OF THE EQUIPMENT	QUANTITY	FUNDING AGENCY
1.	Real Time PCR	1	UGC
2.	IBM Server	1	UGC
3.	HPLC	1	UGC
4.	Lyophilizer	1	UGC
5.	Nucleic acid Sequencing Unit	1	UGC
6.	Thermal Cycler (PCR)	1	UGC
7.	Desktop Computers	10	UGC
8.	Gel Documentation System	1	UGC
9.	UV-Transilluminator	1	UGC
10.	UV-Spectrophotometer	1	UGC
11.	Pulverizer	1	UGC
12.	Laminar Air flow	1	UGC
13.	Electrophoretic apparatus	1	UGC
14.	Elisa reader	1	UGC
15.	Centrifuge	1	UGC
16.	CO2 Incubator	1	UGC
17.	Desiccator	1	UGC
18.	Colorimeter	1	UGC
19.	Autoclave	1	UGC
20.	Hot air Oven	1	UGC
21.	Magnetic Stirrer	1	UGC
22.	Projection Microscope	1	UGC
23.	Shaker	1	UGC
24.	Refrigerator	1	UGC
25.	Hot plate	1	UGC

COMPUTER LABORATORIES

S.NO	NAME OF THE LABORATORIES	NAME OF THE BLOCK	NO. OF COMPUTERS
1	FATIMA LAB	DIVINE MERCY BLOCK	72
2	PRESENTA LAB	DIVINE MERCY BLOCK	60
3	AMALA LAB	DIVINE MERCY BLOCK	41
4	ROSARY LAB	SACRED HEART BLOCK	53
5	LOURDS LAB	ST. FRANCIS BLOCK	29
6	GEOGRAPHY LAB	ST. FRANCIS BLOCK	18
7	DIGITAL LIBRARY	SAPIENTIA LIBRARY	49
8	STUDENTS (UG & PG) & RESEARCH SCHOLARS	ALL BLOCKS	112
	TOTAL		434


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