

Department of Microbiology

Facilities

List of Instruments available in the Department

Sl. No	Instrument Name	Company	Purchase Grant	Use
1	Demountable all Quartz Double distillation (2Nos)	Riviera	University	MSc Practicals and Research
2	Monocular compound Microscope with 10x,40x and,100x objectives	Olympus	University	MSc Practicals and Research
3	Platform rocker (Gel rocker)	Bangalore Gen	University	MSc Practicals and Research
4	Spectrophometer,(UV-Visible range)	Eppendorf Ag	University	MSc Practicals and Research
5	UV Transilluminator for DNA/RNA agarose	Bangalore Gen	University	MSc Practicals and Research
6	Ice flake machine	Manitowoc	University	MSc Practicals and Research
7	Bacteriological incubator(memmert type)(2Nos)	Accumax India	University	MSc Practicals and Research
8	Orbital shaker incubator with cooling	REMI	University	MSc Practicals and Research
9	Orbital shaker incubator non cooling	REMI	University	MSc Practicals and Research
10	Automated DNA sequencer	AB applied bio	University	MSc Practicals and Research
11	Elemental Analyzer for nitrogen with trace sulph	Elementor	University	MSc Practicals and Research
12	Lamda 25 uv/vis spectrophotometer	Perklin Elmer	University	MSc Practicals and Research
13	Real time PCR machine	Eppendorf AG	University	MSc Practicals and Research
14	Eporator	Eppendorf	University	MSc Practicals and Research
15	MJ mini gradient thermal cycler	Biorad	University	MSc Practicals and Research
16	Autoclave vertical boiler size -10”dia 18”deep (22 liter) And 14”dia x22 deep (50 liter)	Instrumentation	University	MSc Practicals and Research
17	Instind BOD Incubator	Instrumentation	University	MSc Practicals and Research
18	Hot air oven convection inner chamber size 18”	Instrumentation	University	MSc Practicals and Research
19	Biolog gen III omnilog combo plus system (combo) system fully Automates 1238/2346	Bio log	University	MSc Practicals and Research
20	(Hybridization chamber) 1303/2216	Scigenics Biot	University	MSc Practicals and Research
21	Sorvall micro ultra centrifuge	Thermofisher S	University	MSc Practicals and Research
22	Heat Sealer	Cole Parmer	University	MSc Practicals and Research
23	Stomacher laboratory blender	Seward	University	MSc Practicals and Research

24	Flame photometer	Thermo scienti	University	MSc Practicals and Research
25	Homogenizer system	COLE PARM	University	MSc Practicals and Research
26	Digital dry block heater	Thermo Scient	University	MSc Practicals and Research
27	Moisture Analyzer	OHAKUS	University	MSc Practicals and Research
28	Non refrigerated centrifuge (3 nos)	Thermo Scient	University	MSc Practicals and Research
29	Minus 86 degree Upright Freezer(2Nos)	Thermo Scient	University	MSc Practicals and Research
30	Biological Safety Cabinet(2Nos)	Thermo Scient	University	MSc Practicals and Research
31	Savant DNA 120 speed vac system	Thermo scienti	University	MSc Practicals and Research
32	CO2 Incubator(2Nos)	Thermo Scien	University	MSc Practicals and Research
33	Binocular Microscope , (7 Nos)	Nikon	University	MSc Practicals and Research
34	Orbital Shaking Incubator	Remi	University	MSc Practicals and Research
35	Orbital Shaking Incubator	Remi	University	MSc Practicals and Research
36	Cooling Incubator	Remi	University	MSc Practicals and Research
37	Rotary Shaker(2Nos)	Remi	University	MSc Practicals and Research
38	Potter Elevehjem Tissue Grinder	Remi	University	MSc Practicals and Research
39	Laminar Air Flow	Digilag	University	MSc Practicals and Research
40	PCR	Applied Biosys	University	MSc Practicals and Research
41	Water Bath	Instrumentation	University	MSc Practicals and Research
42	Double Distillation unit	Riveria	University	MSc Practicals and Research
43	Vertical Autoclave 22 liter	Instrumentation	University	MSc Practicals and Research
44	Bacteriological incubator	PSAW India.	University	MSc Practicals and Research
45	Hot Air Drying Oven	PSAW India.	University	MSc Practicals and Research
46	Digital pH Meter	PSAW India.	University	MSc Practicals and Research
47	Hot Plate	Alfa Instrumen	University	MSc Practicals and Research
48	Vortex Mixer	REMI	University	MSc Practicals and Research
49	Minus 20 Freezer	Vestfrost	University	MSc Practicals and Research
50	Convection Microwave Oven	IFB	University	MSc Practicals and Research
51	Magnetic Stirrer	REMI	University	MSc Practicals and Research
52	Orbital Shaking Incubator	REMI	University	MSc Practicals and Research
53	Gel doc system	Boi Rad	University	MSc Practicals and Research
54	Mini Protein Tetra Vertical Electrophoresis Unit	Boi Rad	University	MSc Practicals and Research
55	pH Meter	Mettler Toledo	University	MSc Practicals and Research

56	Analytical weighing balance	Mettler Toledo	University	MSc Practicals and Research
57	Vertical Biosafety Cabinet	Labocon UK	University	MSc Practicals and Research
58	Waterproof Cyberscan Multiparameter potable water quality Meter	EUTECH Instr	University	MSc Practicals and Research
59	Autoclave , Vertical Size 14*22 (50L)	Instrumentation	University	MSc Practicals and Research
60	Orbital Shaking Incubator	REMI	University	MSc Practicals and Research
61	Double Distillation unit	Riviera	University	MSc Practicals and Research
62	Autoclave Size 14*22 Digital Timer & Water Le	Aska Instrume	University	MSc Practicals and Research
63	Hot Sir Oven Digital Size	Aska Instrume	University	MSc Practicals and Research
64	Water Bath Shaker	Remi	University	MSc Practicals and Research
65	Rotary Vacuum Evaporator	Equitron	University	MSc Practicals and Research
66	Lypholizer Digital (Freeze Dryer)	Unicon Instrun	University	MSc Practicals and Research
67	Heating Mantle		University	MSc Practicals and Research
68	Phase contrast microscope	Nikon	University	MSc Practicals and Research
69	Analytical Balance	Mettler Toledo	University	MSc Practicals and Research
70	Hand Digital Colony Counter	LA663	University	MSc Practicals and Research
71	Microwave Oven	Samsung	University	MSc Practicals and Research
72	Benchtop cooling centrifuge with rotor	Remi	University	MSc Practicals and Research
73	Vacuum Pump	Labwan	University	MSc Practicals and Research
74	Power Pac	Biorad	University	MSc Practicals and Research
75	UV-vis Spectrophotometer	Systronics	University	MSc Practicals and Research
76	Centrifuge 5430R, without rotor	REMI	University	MSc Practicals and Research
77	Micro Elisa Reader	Multiskan FC	University	MSc Practicals and Research
78	Digital Hot Plate		University	MSc Practicals and Research
79	Vortex Machine		University	MSc Practicals and Research
80	Multiparameter Controller Ph Meter	Systronics	University	MSc Practicals and Research
81	PCR Spinwin		University	MSc Practicals and Research
82	Spinix Vortex Shaker	Tarsons	University	MSc Practicals and Research
83	Probe Sonicator	Labman	University	MSc Practicals and Research
84	Autoclave 180L	Equitron	University	MSc Practicals and Research
85	(-20) Deep Freezer	Celfrost	University	MSc Practicals and Research
86	Vacuum Filtration System	OMSONS	University	MSc Practicals and Research

87	Mini sub system small model	Genei	University	MSc Practicals and Research
88	Vertical Electrophoresis Gel System	Biorad	DBT	For protein size and concentration estimation
89	Nanodrop Spectrophotometer	Eppendorf	DBT	Concentration of DNA and other biomolecules estimation
90	Horizontal DNA Electrophoresis System	Biorad	DBT	For DNA size and concentration estimation
91	Gradient PCR	Thermoscientific	DBT	For amplification of DNA segment
92	(-)20 Vertical Deep Freezer	Digilab	DBT	Preservation of biological samples such as cells and biomolecules
93	Cooling Incubator	Equitron	DBT	Incubation of samples for growth of bacterial cells at constant temperature
94	Micropipettes	Eppendorf	DBT	To accurately dispense liquid samples
95	3500 UV vis Spectrophotometer	Agilent	ANRF	Research
96	Refrigerator	Samsung	UGC-BSR Research Grant	For research
96	Water Bath	Borosil	UGC-BSR Research Grant	For research
97	Refrigerator	LG	University	For research