

OMSAKTH
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
MELMARUVATHUR – 603 319
LIST OF EQUIPMENTS
DEPARTMENT OF MICROBIOLOGY – ANNEXURE - I

S. NO	NAME OF THE EQUIPMENTS	AVAILABLE
(A)	General	
1	Anaerobic apparatus	2
2	Autoclave	3
3	Balance Electronic Digital	2
4	Biosafety Cabinet Type - 2A	3
5	BOD Incubator	1
6	Centrifuge	4
7	CO2 Incubator/Candle Jar	2
8	Computer Unit	3
9	Deep Freeze -20° C & Deep Freezer	1 each
10	Distilled water Plant	1
11	Elisa Reader	2
12	Elisa Washer	2
13	Hot Air Oven	2
14	Incubator	3
15	Lab Refrigerator (minimum 400 liters)	4
16	Laminar flow	1
17	Micrometer eye pieces	2
18	Micrometer stage	2
19	Microscope Binocular (Students)	90
20	Microscope Binocular	Every Faculty
21	Microscope with universal condenser containing oil immersion, Bright field, Phase Contrast & Dark ground	1
22	Multimedia Projector	2
23	PH determination apparatus	2
24	Serum inspissators	1
25	VDRL shaker	2
26	Vortex Mixer	2
27	Water bath with variable temperature	2
28	Oil-immersion lens for student microscope	50
29	Automated Blood Culture System	1
30	Colony Counter	1

(B)	Consumables for Culture and Serological Diagnosis	
31	Antibiotic Discs for Antibiotic susceptibility testing	As required
32	Antibiotic zone scale	As required
33	Antisera-Salmonella	As required
34	Antisera-Shigelladysenteriae	As required
35	Antisera-Shigella flexneri	As required
36	Antisera-Shigella sonnei	As required
37	Antisera-Vibrio cholerae	As required
38	ATCC strain - Enterococcus faecalis 29213	As required
39	ATCC strain - E.coli 25922	As required
40	ATCC strain - E.coli 35218	As required
41	ATCC strain - Pseudomonas aeruginosa 27853	As required
42	ATCC strain - Staphylococcus aureus 25923	As required
43	ATCC strain - Staphylococcus aureus 29213	As required
44	Bottles for blood culture	As required
45	Micropipettes – Multi channel & Single channel	As required
46	Materials for preparation of various Culture Media	As required
47	Materials required for various Microbiological Stains	As required
48	Digital Thermometers of different temperatures	As required
49	Various Kits for Serological diagnostics	As required
50	Laptop	1
51	Desktop Computer, with Printer	2
52	Photocopier and Scanner	1