

OMSAKTH
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
MELMARUVATHUR – 603 319

LIST OF EQUIPMENTS

ANNEXURE - I

PHYSIOLOGY

S. NO	NAME OF THE EQUIPMENTS	AVAILABLE
1	Sherrington Starling kymograph (electrically driven)	2
2	Myograph stand	2
3	Inductarium	2
4	Simple key	2
5	Short circuiting key	2
6	Pohl's commutator	2
7	Vibrating interrupter	2
8	Muscle trough	2
9	Muscle lever	2
10	Muscle grip of femur clamp	2
11	Hook and Weight set	2
12	Heart lever (simple & Starling)	2
13	Frog board for dissection	2
14	Enamel tray	2
15	Frog board cork lined with boss head	2
16	Low voltage unit for tapping 2 and 4 volts for stimulation	2
17	Electromagnetic time marker	2
18	Tuning fork time marker 100/sec	2
19	Electrodes	2
20	X-blocks	2
21	Spirit lamps	2
22	Marey's tambour	2
23	Microscopes, oil immersion	60+8
24	Demonstration eye piece	4
25	Double demonstration eye piece	4
26	Stage incubator	1
27	Westergren's pipette for E.S.R. on stand (with space pipette)	30
28	Wintrobe's pipette for ESR and PCV with stand	30
29	Perimeter Pristely Smith S/LP.984 B & T	15
30	Hemoglobin-meter Sahli's or Hellige (with spaces)	60
31	Hemocytometer	60
32	Sphygmomanometer (digital) (Mercury based instruments to be replaced with suitable alternatives)	60
33	Stethoscopes	60

34	Stethoscopes, demonstration with multiple ear pieces	4
35	Polygraphs	1
36	Venous pressure apparatus	2
37	Spirometer, ordinary	20
38	Gas analysis apparatus, Halden's student type	1
39	Van Slyke's apparatus manometric	1
40	Gas analyser automatic for CO ₂ , O ₂ , N ₂	1
41	Douglas bag, complete	2
42	Basal metabolism apparatus	1
43	Mosso's Ergograph	10
44	Clinical thermometer (Mercury based instruments to be replaced with suitable alternative)	60
45	Compass aesthesiometer	20
46	Thermo-aesthesiometer	20
47	Algometer	20
48	Apparatus for passive movement	1
49	Knee hammer	40
50	Stethograph	20
51	Bicycle Ergometer	1
52	Olfactometer	1
53	Ophthalmoscope	1
54	Schematic eye	2
55	Phakoscope	1
56	Perimeter with charts (Lister's)	5
57	Color perception lantern Edridge green	2
58	Maddox rod	1
59	Newtons color wheel	1
60	Tuning fork to test hearing 32-10000 cps(sets-100, 256, 512 hz)	20
61	Dynamometer	2
62	Otorhinolaryngoscope	1
63	Sterilizer electrical	1
64	Instrument trolley	1
65	Stop watch	20
66	Multi channel Physiograph, 3 channels, complete with accessories	3

67	Student physiograph, (single channel) with accessories	8
68	Centrifuge, high speed with technometer	1
69	Colorimeter, photoelectric	1
70	pH meter electric	1
71	Refrigerator	1
72	Oxygen cylinder with trolley	1
73	CO2 cylinder with trolley	1
74	Electronic stimulator	1
75	Water distillation steel with spare heating elements	1
76	All glass distillation apparatus double stage	1
77	Voltage stabilizer	1
78	Thermometers, balances, microslides and glassware	As required
79	Digital Physiograph	2
80	Models and Charts	25 each
81	ECG Machine	3
82	Laptop	1
83	Desktop Computer, with Printer	3
84	Photocopier and Scanner	1
85	Multimedia Projector with screen	2