

DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHYSIOLOGY LABORATORY

S. No.	Equipment and Instruments	Available Quantity	
Essential			
1.	Microscopes with oil immersion	Thirty	
2.	Westergen's pipette for ESR	Sixty	
3.	Haematocrit Tube	Sixty	
4.	Sahli's Haemoglobinometer	Sixty	
5.	Haemocytometer	Sixty	
6.	Electrocardiograph	One	
7.	Stop watches	Sixty	
8.	Water Distillation still	One	
9.	Balances	One	
10.	Centrifuge with speed control	Three	
11.	Colorimeter (photoelectric)	Three	
12.	pH meter Electric	One	
13.	pH comparator with disc	One	
14.	Sphygmomanometer	Thirty	
15.	Stethoscopes	Sixty	
16.	Clinical Thermometer	Sixty	
17.	Knee Hammer	Sixty	
18.	Tuning forks	Sixty	
19.	Sterilizer	Five	
General			
20.	Refrigerator	One	
21.	Newton's colour wheel In a batch	One	
Miscellaneous			
22.	Cover slips, glassware, Microslides	4 Boxes, 5boxes	
23.	Spirometer	01	
24.	Hydrometer	01	
25.	osmometer	01	
26.	viscometer	01	

Dissection hall

S. No.	Instruments and Equipments	available Quantity	
Essential			
1.	Tank with a capacity to preserve 2-4 bodies.	02	
2.	Machines for bones and brain sectioning	2 SET	
3.	Dissection Sets	THIRTY Sets	
4.	Dissecting Table		
a)	Full size with steel top or marble top stainless	Four	
b)	Half size with steel top or marble top stainless	Eight	
General			
5.	X-ray viewing box or panels	Three	
Miscellaneous			
6.	Bone cutter of the number $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$ - fine pointed Chisel bone dissector	Assorted	
7.	Glass jars of different sizes	25	
8.	Preservative Chemicals	Available	

DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAISHAJYA KALPANA LABORATORY

S.No.	Equipment and Instruments	Available Quantity	
Essential			
1.	Khalva Yantra-		
a)	Small	Ten	
b)	Medium	Ten	

c)	Porcelain	Ten	
d)	Tapta khalv yantra	Two	
2.	Pounding Apparatus (Ulukhala Yantra)	Ten	
3.	Putas (Different kind)	Five	
4.	Moosha (Crucibles)	Thirty	
5.	Koshti with Blower	Two	
6.	Yantras		
a)	Dola Yantra	02	
b)	Valuka Yantra	One	
c)	Pithara Yantra	One	
d)	Bhudhara Yantra etc.	One	
e.	Distillation Apparatus and Arka Yantra	Three	
f.	Kupipakva Bhatti	One	
g.	Vidyadhar yantra	02	
h.	Triyak patan yantra	02	
i	Sthali yantra	02	
	General		
9.	Wet Grinder	One	
10.	Mixi	One	
11.	Juice Extractor	One	
12.	Refrigerator	One	
13.	Almiras and Racks for storage	Nine	
14.	Balance (Different Capacities)		
a)	Physical	One	
b)	Chemical	One	
c)	Electronic Balance	One	
15.	Heating Device-		
a)	Gas Stove	Three	
b)	Hot plate	Available	
c)	Chulla (Charcoal)	Available	
16.	Big Vessels and Containers-		
a)	Brass	Four	
b)	Copper	Two	
c)	Steel etc.	Two	
d)	Earthen Vessels-Pots	Eight	
	Miscellaneous		
17.	Jars(Porcelain) Fermentation Purpose	Ten	
18.	Enamel Trays	Four	
19.	Spirit Lamp	Two	
20.	Pressure Cooker	Two	
21.	Measuring Equipments Different Size (Glass)	Eight	
22.	Pyrometer	One	
23.	Thermo meter	Four	
24.	Vessels	Two	
a)	Frying Pan	Four	
b)	Steel Vessel	Two	
c)	Spatula	Eight	
d)	Ladles and Spoons	Fifteen	
e)	Knife	Five	
f)	Plates	Ten	

g)	Samdamsa Yantra(Tongs)	One
25.	Sieves (Assorted Nos. and Size)	Seven

**DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHARMACOGNOSY
LABORATORY [DRAVYAGUNA]**

S.No.	Equipment and Instruments	Available Quantity	
Essential			
1.	Field magnifier	One	
2.	Compound microscope	One	
3.	Dissecting Microscope	One	
4.	Microscope	Fifteen	
5.	Electronic balance	One	
Miscellaneous			
6.	Slides box with cover slips,		available
7.	Blotting/filter papers		Available
8.	Dissection Box		One
9.	Enamel Trays		available
10.	Reagents-		
a.	Chloroform		available
b.	Alcohol.		available
c.	HCL		available
d.	Sulphuric acid		available
e.	Sodium, potassium hydroxide		available
f.	Benedict solution		available
g.	Sodium nitrate		available
h.	Potassium nitrate		available
i.	Citric acid		available
j.	Iodine		available
k.	Ethyl Alcohol		available
l.	Potassium Iodide		available
m.	Xylol/pure xylene (slide preparation)		available

DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR ROGVIGYAN LABORATORY

S.No.	Equipment and Instruments	Available Quantity	
Essential			
1.	Binocular microscope	Fifteen	
2.	Microscope with oil immersion	Fifteen	
3.	Monocular microscope with oil emersion lens20(e)	Fifteen	
4.	X-ray view box	One	
5.	Sahli's Square tube	Thirty	
6.	Hb pipette	Thirty	
7.	WBC Pipette	Thirty	
8.	Dropper	Thirty	
9.	Red cell pipette	Thirty	
10.	Improved Neubauer chamber	Thirty	
11.	Incubator	One	
12.	Wintrobe's tube	Thirty	
13.	Pasteur's pipette	Thirty	
14.	Centrifuge Graduated Machine	One	
15.	Westregrens pipette	Thirty	
16.	Westergrens's stand	Thirty	
17.	Urinometer	Thirty	

18.	Autoclave	One	
19.	Ultraviolet lamp	One	
20.	Cell counter (haemoautoanalyser)	One	
21.	BP Apparatus	Thirty	
22.	Stethoscope	Thirty	
23.	Thermometer	Thirty	
24.	Tongue depressor	Thirty	
25.	Stop watch	Thirty	
General			
26.	Physical balance	One	
27.	Hot air oven	One	
28.	Bunsen burner	Thirty	
29.	Refrigerator	One	
Miscellaneous			
30.	Sterile vessels/bottle to collect samples	Available	
31.	Torch	04	
32.	Knee hammer	30	
33.	Measuring Tape	01	
34.	ENT examination set	02	
35.	Reflectors(Mirrors)	04	
36.	Weighing machine	One	
37.	Tuning Forks	30	
38.	Nasal speculum	10	
39.	Laryngoscope	01	
40.	Catheters	40	
41.	Probes	20	
42.	HBs Ag kit	04	
43.	HIV kit - Tridot (method by T Mitra)	04	
44.	CT and BT kit	Available	
45.	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Available	
46.	Sterile disposable lancer/needle	Available	
47.	Glass rod	Available	
48.	Syringe needle destroyer	02	
49.	Cover slip	05 boxes	
50.	Cleaned slides	10 boxes	
51.	Litmus paper	Available	
52.	pH indicator paper strips	Available	
53.	Test tube	Available	

54.	Separating funnels of various sizes	Available(50)	
55.	Glass Jars with lid of different sizes	Available(25)	
56.	Capillary Tubes	Available(25 boxes)	
57.	Rubber sheat	Available	
58.	Magnifying lens	Available	
59.	Water bath	Available(01)	
60.	Multi stix	Available	