

Shetkari Shikshan Prasarak Mandal
Jaywant Institute of Medical Sciences,
 Killemachindragad, Tal-Walwa Dist-Sangli. Pin. 415302
 Equipment List 2025

(A). DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAISHAJYA KALPANA LABORATORY

S.No.	Equipment and Instruments	Quantity
Essential		
1.	Khalva Yantra-	Twenty
a)	Small	Twenty
b)	Medium	
c)	Porcelain	Twenty
d)	Taptakhalvyantra	Four
2.	Pounding Apparatus (Ulukhala Yantra)	Twenty
3.	Putas (Different kind)	Ten
4.	Moosha (Crucibles)	Fifty
5.	Koshti with Blower	Four
6.	Yantras	
a)	Dola Yantra	One
b)	Valuka Yantra	One
c)	Pithara Yantra	One
d)	Bhudhara Yantra etc.	One
7.	Distillation Apparatus and Arka Yantra	Six
8.	Kupipakva Bhatti	One
General		
9.	Wet Grinder	One
10.	Mixi	One
11.	Juice Extractor	One
12.	Refrigerator	One
13.	Almiras and Racks for storage	Assorted
14.	Balance (Different Capacities)	
a)	Physical	One
b)	Chemical	One
c)	Electronic Balance	One
15.	Heating Device-	
a)	Gas Stove	Assorted
b)	Hot plate	Assorted
c)	Chulla (Charcoal)	Assorted
16.	Big Vessels and Containers-	
a)	Brass	Assorted
b)	Copper	Assorted
c)	Steel etc.	Assorted
d)	Earthen Vessels-Pots	Assorted
Miscellaneous		
17.	Jars(Porcelain) Fermentation Purpose	Assorted
18.	Enamel Trays	Assorted
19.	Spirit Lamp	Assorted
20.	Pressure Cooker	Assorted
21.	Measuring Equipments Different Size (Glass)	Assorted

22.	Pyrometer	Assorted
23.	Thermo meter	Assorted
24.	Vessels	
a)	Frying Pan	Assorted
b)	Steel Vessel	Assorted
c)	Spatula	Assorted
d)	Ladles and Spoons	Assorted
e)	Knife	Assorted
f)	Plates	Assorted
g)	Samdamsa Yantra(Tongs)	Assorted
25.	Sieves (Assorted Nos. and Size)	Assorted

(B) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHARMACOGNOSY LABORATORY [DRAVYAGUNA]

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

(C) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR ROGVIGYAN LABORATORY

Sr.No.	Equipment and Instruments	Quantity
Essential		
1.	Binocular microscope	Twenty five
2.	Microscope with oil immersion	Twenty five
3.	Monocular microscope with oil emersion lens20(e)	Twenty five
4.	X-ray view box	One
5.	Sahli's Square tube	Fifty
6.	Ilb pipette	Fifty
7.	WBC Pipette	Fifty
8.	Dropper	Fifty

9.	Red cell pipette	Fifty
10.	Improved Neubauer chamber	Fifty
11.	Incubator	Two
12.	Wintrobe's tube	Fifty
13.	Pasteur's pipette	Fifty
14.	Centrifuge Graduated Machine	Two
15.	Westergrens pipette	Fifty
16.	Westergrens's stand	Fifty
17.	Urinometer	Fifty

18.	Autoclave	One
19.	Ultraviolet lamp	One
20.	Cell counter (haemoautoanalyser)	One
21.	BP Apparatus	Fifty
22.	Stethoscope	Fifty
23.	Thermometer	Fifty
24.	Tongue depressor	Fifty
25.	Stop watch	Fifty


General

26.	Physical balance	One
27.	Hot air oven	One
28.	Bunsen burner	Fifty
29.	Refrigerator	One

Miscellaneous

30.	Sterile vessels/bottle to collect samples	Assorted
31.	Torch	Assorted
32.	Knee hammer	Assorted
33.	Measuring Tape	Assorted
34.	ENT examination set	Assorted
35.	Reflectors(Mirrors)	Assorted
36.	Weighing machine	One
37.	Tuning Forks	Assorted
38.	Nasal speculum	Assorted
39.	Laryngoscope	Assorted
40.	Catheters	Assorted
41.	Probes	Assorted
42.	HBs Ag kit	Assorted
43.	HIV kit - Tridot (method by T Mitra)	Assorted
44.	CT and BT kit	Assorted
45.	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Assorted
46.	Sterile disposable lancer/needle	Assorted
47.	Glass rod	Assorted
48.	Syringe needle destroyer	Assorted
49.	Cover slip	Assorted
50.	Cleaned slides	Assorted
51.	Litmus paper	Assorted
52.	pH indicator paper strips	Assorted
53.	Test tube	Assorted
54.	Separating funnels of various sizes	Assorted

55.	Glass Jars with lid of different sizes	Assorted
56.	Capillary Tubes	Assorted
57.	Rubber sheat	Assorted
58.	Magnifying lens	Assorted
59.	Water bath	Assorted
60.	Multi stix	Assorted


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