

**SHRI. BABAU SINGH JAY SINGH AYURVEDIC MEDICAL COLLEGE & HOSPITAL**  
**BHAUPUR, BEWAR ROAD, FATEHGARH, FARRUKHABAD (U.P.) 209602**

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**EQUIPMENTS OF PHYSIOLOGY (KRIYA SHARIR) LABORATORY**

<b>S. No.</b>	<b>Essential Instruments and Equipments</b>	<b>Quantity</b>
	<b>Essential</b>	
1.	Microscopes with oil immersion	50
2.	Westergren's pipette for ESR	100
3.	Haematocrit Tube	100
4.	Sahli's Haemoglobinometer	100
5.	Haemocytometer	100
6.	Electrocardiograph	01
7.	Stop watches	100
8.	Water Distillation still	01
9.	Balances	01
10.	Centrifuge with speed control	06
11.	Colorimeter (Photoelectric)	06
12.	pH Meter (Electric)	01
13.	pH Comparator with disc in a batch	01
14.	Sphygmomanometer	50
15.	Stethoscope	100
16.	Clinical Thermometer	100
17.	Knee Hammer	100
18.	Tuning forks	100
19.	Sterilizer	05
	<b>General</b>	
20.	Refrigerator	01
21.	Newton's colour wheel in a batch	01
	<b>Miscellaneous</b>	
22.	Cover slips, glassware, Micro slides	04 Box Each
	<b>Other</b>	
23.	Spiro meter	01
24.	Tonometer	01
25.	Hydrometer	01
26.	Viscometer	02
27.	Osmometer	01
28.	Stalagmometer	01

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**EQUIPMENT OF DISSECTION HALL**

<b>S. No.</b>	<b>Essential Instruments and Equipments</b>	<b>Quantity</b>
<b>Essential</b>		
1.	Tank with a capacity to preserve 2 to 4 bodies	02
2.	Machine for Bones and Brain Sectioning	02
3.	Dissection Sets	25
4.	Dissecting Table	16
a)	Full size with steel top or marble top stainless	06
b)	Half size with steel top or marble top stainless	10
<b>General</b>		
5.	X-ray View Box or Panels	03
6.	Glass jars of different sizes	90
<b>Miscellaneous</b>		
6.	Bone cutter of the number $\frac{3}{4}$ , $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{8}$ - fine pointed Chisel bone dissector	01 Each
	i) Surgical gloves	05 Box
	iii) Surgical Blade	60
	iv) Disposable syring - 20cc, 10cc, 5cc	05 Each
7.	Furniture and other equipment	Assorted
	i) Stools preferably of metal	30
	ii) Wash basin	Assorted
	iii) Machines for bones and brain sectioning	02
	iv) Over Head Projector	01
<b>Others</b>		
8.	Preservative Chemicals	50 Liter

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**EQUIPMENT FOR PHARMACONOSY (DRAVYAGUNA)**

<b>S.No.</b>	<b>Equipment and Instruments</b>	<b>Quantity</b>
<b>Essential</b>		
1.	Field Magnifier	05
2.	Compound Microscope	10
3.	Dissecting Microscope	01
4.	Microscope	25
5.	Sides Box with cover slips	04 Box each
6.	Blotting / Filter Papers	500
7.	Electronic Balance	02
8.	Dissection Box	18
9.	Enamel Trays	12
<b>Reagents / Liquids / Others</b>		
1.	Chloroform	02 Bottle
2.	Alcohol	02 Bottle
3.	HCL	02 Bottle
4.	Sulphuric Acid	02 Bottle
5.	Sodium, Potassium Hydroxide	02 Bottle
6.	Benedict Solution	02 Bottle
7.	Sodium Nitrate	02 Bottle
8.	Potassium Nitrate	01 Bottle
9.	Citric Acid	01 Bottle
10.	Lodin	02 Bottle
11.	Ethyl Alcohol	01 Bottle
12.	Potassium Iodide	02 Bottle
13.	Xylol / Pure Xylene (Slide Preparation)	03 Bottle
<b>Miscellaneous</b>		
1.	Slide Box with cover clip	04 Box
2.	Blotting / Filter Papers	500
3.	Dissection Box	18
4.	Enamel Trays	12

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**EQUIPMENT FOR RASASHASTRA AND BHAISHAJYA KALAPANA LABORATORY  
(TEACHING)**

S.No.	Equipment and Instruments	Quantity
<b>Essential</b>		
1.	<b>Khalva Yantra</b>	
a)	Small	20
b)	Medium	20
c)	Porcelain	20
d)	Taptakhalv Yantra	04
2.	Pounding Apparatus(Ulukhals Yantra)	20
3.	Putas (Different Kind)	10
4.	Moosha (Crucibles)	50
5.	Koshti With Blower	04
6	<b>Yantra</b>	
a)	Dola Yantra	01
b)	Valuka Yantra	01
c)	Pithara Yantra	01
d)	Bhudhara Yantra	01
7.	Distillation Apparatus and Arka Yantra	06
8.	Kupipakva Bhatti	01
<b>General</b>		
9.	Wet Grinder	01
10.	Mixi	01
11	Juice Extractor	01
12.	Refrigerator	01
13.	Almiras and Racks for storage	05
14.	<b>Balance (Different Capacities)</b>	
a)	Physical	01
b)	Chemical	01
c)	Electronic Balance	01
15.	<b>Heating Device</b>	
a)	Gas Stove	03
b)	Hot Plate	02
c)	Chulla (Charcoal)	02
16.	<b>Big Vessels and Containers</b>	
a)	Brass	04
b)	Copper	03
c)	Steel etc.	04
d)	Earthen Vessels –Pots	06
<b>Miscellaneous</b>		
17.	Jars(Porcelain) Fermentation Purpose	01
18.	Enamel Trays	02
19.	Spirit Lamp	02

20.	Pressure Cooker	01
21.	Measuring Equipments Different Size(Glass)	500ml and 100 ml
22.	Pyromenter	01
23.	Thermo meter	01
24.	<b>Vessels</b>	
a)	Frying Pan	02
b)	Steel Vessel	04
c)	Spatula	04
d)	Ladles and Spoons	06
e)	Knife	02
f)	Plates	10 Small and 06 Big Size
g)	Samdamsa Yantra (Tongs)	02
25.	Sieves (Assorted Nos. and Size)	04
<b>Others</b>		
a)	Pulverizer	01
b)	Disintegrator	01
c)	Hot air Oven / Dryer	01
d)	Soxhalet Apparatus	01
e)	Percolater	01
f)	PH Meter	01
g)	Refractometer	01
h)	Melting Point Detector	01
i)	Tablet Making Machine	01
j)	Tablet Disintegration Time Testing Machine	01

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**EQUIPMENTS FOR ROGVIGYAN TEACHING LABORATORY**

<b>S. No.</b>	<b>Equipment and Instruments</b>	<b>Quantity</b>
<b>Essential</b>		
1.	Binocular microscope	25
2.	Microscope with oil immersion	25
3.	Monocular microscope with oil emersion lens20(e)	25
4.	X-ray view box	01
5.	Sahli's Square tube	50
6.	Hb pipette	50
7.	WBC Pipette	50
8.	Dropper	50
9.	Red cell pipette	50
10.	Improved Neubauer chamber	50
11.	Incubator	02
12.	Wintrobe's tube	50
13.	Pasteus's pipette	50
14.	Centrifuge Graduated Machine	02
15.	Westregrens	50
16.	Wesregrens pipette	50
17.	Urinometer	50
18.	Autoclave	01
19.	Ultraviolet lamp	01
20.	Cell Counter (haemoautanalyser)	01
21.	BP Apparatus	50
22.	Stethoscope	50
23.	Thermometer	50
24.	Tongue depressor	50
25.	Stop watch	50
<b>General</b>		
26.	Physical balance	01
27.	Hot air oven	01
28.	Bunsen burner	50
29.	Refrigerator	01
<b>Miscellaneous</b>		
30.	Sterile vessels/bottle to collect samples	30
31.	Torch	01
32.	Knee hammer	10
33.	Measuring Tape	01
34.	ENT examination set	01
35.	Reflectors(Mirrors)	01
36.	Weighing machine	01
37.	Tuning forks	20
38.	Nasal speculum	20
39.	Laryngoscope	20
40.	Catheters	09

41.	Probes	05
42.	HBs Ag kit	02
43.	HIV kit-Tridot (method by T Mitra)	01
44.	CT and BT Kit	01
45.	Renal profile, LET kit, Lipid profile, Blood Sugar kit	01
46.	Sterile dispensable lancer/needle	100
47.	Glass rod	40
48.	Syringe needle destroyer	01
49.	Cover slip	100
50.	Cleaned slides	100
51.	Litmus paper	03
52.	pH indicator paper strips	100
53.	Test tube	100
54.	Separating funnels of various	30
55.	Glass jars with lid of different sizes	20
56.	Capillary Tubes	30
57.	Rubber sheet	10
58.	Magnifying lens	02
59.	Water bath	01
60.	Multi stix	02