



DEPARTMENTWISE INSTRUMENTS AND EQUIPMENTS LIST AS PER MSR

(A). DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHYSIOLOGY LABORATORY  
YEAR 2024- 2025

Faculty: Ayurved

Name of College:- Sangam Sevabhavi Trust Ayurved College, Sangamner

College Code:-3306

Sr. No	Equipment and Instruments	Up to Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate/ Inadequate
<b>Essential</b>					
1	Microscopes with oil immersion	Thirty	Fifty	Yes	Adequate
2	Westergren's pipette for ESR	Sixty	Hundred	Yes	Adequate
3	Haematocrit Tube	Sixty	Hundred	Yes	Adequate
4	Sahlbi's Haemoglobinometer	Sixty	Hundred	Yes	Adequate
5	Haemocytometer	Sixty	Hundred	Yes	Adequate
6	Electrocardiograph	One	One	Yes	Adequate
7	Stop watches	Sixty	Hundred	Yes	Adequate
8	Water Distillation still	One	One	Yes	Adequate
9	Balances	One	One	Yes	Adequate
10	Centrifuge with speed control	Three	One	Yes	Adequate
11	Colorimeter (photoelectric)	Three	Six	Yes	Adequate
12	pH meter Electric	One	Six	Yes	Adequate
13	pH comparator or with disc	One	One	Yes	Adequate
14	Sphygmomanometer	One	One	Yes	Adequate
15	Stethoscopes	Thirty	Fifty	Yes	Adequate
16	Clinical Thermometer	Sixty	Hundred	Yes	Adequate
17	Knee Hammer	Sixty	Hundred	Yes	Adequate
18	Tuning fork	Sixty	Hundred	Yes	Adequate
19	Sterilizer	Five	Hundred	Yes	Adequate
<b>General</b>					
20.	Refrigerator	One	One	Yes	Adequate
21.	Newton's colour wheel in a batch	One	One	Yes	Adequate
<b>Miscellaneous</b>					
22.	Cover slips, glassware, Micro slides	Assorted		Yes	Adequate

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**(C) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAISHAJYA KALPANA LABORATORY**

Sr. No.	Equipment and Instruments	Up to Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate /Inadequate
<b>Essential</b>					
1.	<b>Khalva Yantra-</b>				
a)	Small	Ten	NA	YES	Adequate
b)	Medium	Ten	NA	YES	Adequate
c)	Porcelain	Eleven	NA	YES	Adequate
d)	Taptakhalvyantra	Two	NA	YES	Adequate
2.	Pounding Apparatus(Ulukhala Yantra)	Ten	NA	YES	Adequate
3.	Putas (Different kind)	Five	NA	YES	Adequate
4.	Moosha (Crucibles)	One Hundred & Fourteen	NA	YES	Adequate
5.	Koshli with Blower	Two	NA	YES	Adequate
6.	<b>Yantras</b>				
a)	Dola Yantra	Two	NA	YES	Adequate
b)	Valuka Yantra	One	NA	YES	Adequate
c)	Pithara Yantra	Two	NA	YES	Adequate
d)	Bhudhara Yantra etc.	One	NA	YES	Adequate
7.	Distillation Apparatus and Arka Yantra	Three	NA	YES	Adequate
8.	Kupipakva Bhatti	One	NA	YES	Adequate
<b>General</b>					
9.	Wet Grinder	One	NA	YES	Adequate
10.	Mixi	One	NA	YES	Adequate
11.	Juice Extractor	One	NA	YES	Adequate
12.	Refrigerator	One	NA	YES	Adequate
13.	Almiras and Racks for storage	Assorted	NA	YES	Adequate
14.	<b>Balance(Different Capacities)</b>				
a)	Physical	One	NA	YES	Adequate
b)	Chemical	One	NA	YES	Adequate
c)	Electronic Balance	One	NA	YES	Adequate
15.	<b>Heating Device-</b>				
a)	Gas Stove	Assorted	NA	YES	Adequate
b)	Hot plate	Assorted	NA	YES	Adequate
c)	Chulla (Charcoal)	Assorted	NA	YES	Adequate
16.	<b>Big Vessels and Containers-</b>				
a)	Brass	Assorted	NA	YES	Adequate



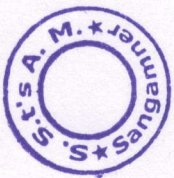
b)	Copper		Assorted	NA	YES	Adequate			
c)	Steel etc.		Assorted	NA	YES	Adequate			
d)	Earthen Vessels-Pots		Assorted	NA	YES	Adequate			
<b>Miscellaneous</b>									
17.	Jars (Porcelain)	Fermentation Purpose	Assorted	NA	YES	Adequate			
18.	Enamel Trays		Assorted	NA	YES	Adequate			
19.	Spirit Lamp		Assorted	NA	YES	Adequate			
20.	Pressure Cooker		Assorted	NA	YES	Adequate			
21.	Measuring Equipments	Different Size(Glass)	Assorted	NA	YES	Adequate			
22.	Pyrometer		Assorted	NA	YES	Adequate			
23.	Thermo meter		Assorted	NA	YES	Adequate			
24.	<b>Vessels</b>								
a)	Frying Pan		Assorted	NA	YES	Adequate			
b)	Steel Vessel		Assorted	NA	YES	Adequate			
c)	Spatula		Assorted	NA	YES	Adequate			
d)	Ladles and Spoons		Assorted	NA	YES	Adequate			
e)	Knife		Assorted	NA	YES	Adequate			
f)	Plates		Assorted	NA	YES	Adequate			
g)	Samdamsa Yantra(Tongs)		Assorted	NA	YES	Adequate			
25.	Sieves(Assorted Nos. and Size)		Assorted	NA	YES	Adequate			

*S. S. T. S. A. M. Sangamner*

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(D) DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHARMACOGNOSY LABORATORY [DRAVYAGUNA]

S.No.	Equipment and Instruments	Up to Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate/ Inadequate
<b>Essential</b>					
1.	Field magnifier	One	NA	Yes	Adequate
2.	Compound Microscope	One	NA	Yes	Adequate
3.	Dissecting Microscope	One	NA	Yes	Adequate
4.	Microscope	Fifteen	NA	Yes	Adequate
5.	Electronic balance	One	NA	Yes	Adequate
<b>Miscellaneous</b>					
6.	Slides box with cover slips,	Assorted		Yes	Adequate
7.	Blotting/filter papers	Assorted		Yes	Adequate
8.	Dissection Box	Assorted		Yes	Adequate
9.	Enamel Trays	Assorted		Yes	Adequate
10.	<b>Reagents-</b>				
a.	Chloroform	Assorted		Yes	Adequate
b.	Alcohol.	Assorted		Yes	Adequate
c.	HCL	Assorted		Yes	Adequate
d.	Sulphuric acid	Assorted		Yes	Adequate
e.	Sodium, potassium hydroxide	Assorted		Yes	Adequate
f.	Benedict solution	Assorted		Yes	Adequate
g.	Sodium nitrate	Assorted		Yes	Adequate
h.	Potassium nitrate	Assorted		Yes	Adequate
i.	Citric acid	Assorted		Yes	Adequate
j.	Iodine	Assorted		Yes	Adequate
k.	Ethyl Alcohol	Assorted		Yes	Adequate
l.	Potassium Iodide	Assorted		Yes	Adequate
m	Nylol/pure xylene (slide preparation)	Assorted		Yes	Adequate

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**(E) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR ROGVIGYAN LABORATORY**

S.No	Equipment and Instruments	Up to Sixty intake capacity	Sixty-One to Hundred intake capacity	Details on College Website	Adequate/ Inadequate
<b>Essential</b>					
1	Binocular microscope	Fifteen	Twenty five	Yes	Adequate
2	Microscope with oil immersion	Fifteen	Twenty five	Yes	Adequate
3	Monocular microscope with oil emersion lens20(e)	Fifteen	Twenty five	Yes	Adequate
4	X-ray view box	One	One	Yes	Adequate
5	Sahli's Square tube	Thirty	Fifty	Yes	Adequate
6	Hb pipette	Thirty	Fifty	Yes	Adequate
7	WBC Pipette	Thirty	Fifty	Yes	Adequate
8	Dropper	Thirty	Fifty	Yes	Adequate
9	Red cell pipette	Thirty	Fifty	Yes	Adequate
10	Improved Neubauer chamber	Thirty	Fifty	Yes	Adequate
11	Incubator	One	Two	Yes	Adequate
12	Wintrobe's tube	Thirty	Fifty	Yes	Adequate
13	Pasteur's pipette	Thirty	Fifty	Yes	Adequate
14	Centrifuge Graduated Machine	One	Two	Yes	Adequate
15	Westergrens pipette	Thirty	Fifty	Yes	Adequate
16	Westergrens's stand	Thirty	Fifty	Yes	Adequate
17	Urino meter	Thirty	Fifty	Yes	Adequate
18	Autoclave	One	One	Yes	Adequate
19	Ultraviolet lamp	One	One	Yes	Adequate
20	Cellco I. mter (haemoautoanalyser)	One	One	Yes	Adequate
21	BP Apparatus	Thirty	Fifty	Yes	Adequate
22	Stethoscope	Thirty	Fifty	Yes	Adequate
23	Thermometer	Thirty	Fifty	Yes	Adequate
24	Tongue depressor	Thirty	Fifty	Yes	Adequate
25	Stop watch	Thirty	Fifty	Yes	Adequate
<b>General</b>					
26	Physical balance	One	One	Yes	Adequate
27	Hot air oven	One	One	Yes	Adequate
28	Bunsen burner	Thirty	Fifty	Yes	Adequate
29	Refrigerator	One	One	Yes	Adequate



Miscellaneous			Yes	Adequate
30.	Sterile vessels/ bottle to collect samples	Assorted	Assorted	Yes
31.	Torch	Assorted	Assorted	Yes
32.	Knee hammer	Assorted	Assorted	Yes
33.	Measuring Tape	Assorted	Assorted	Yes
34.	ENT examination set	Assorted	Assorted	Yes
35.	Reflectors(Mirrors)	Assorted	Assorted	Yes
36.	Weighing machine	One	One	Yes
37.	Twling Forks	Assorted	Assorted	Yes
38.	Nasal speculum	Assorted	Assorted	Yes
39.	Laryngoscope	Assorted	Assorted	Yes
40.	Catheters	Assorted	Assorted	Yes
41.	Probes	Assorted	Assorted	Yes
42.	HBs Ag kit	Assorted	Assorted	Yes
43.	HIV kit- Tridot (method by T Miira)	Assorted	Assorted	Yes
44.	CT and BT kit	Assorted	Assorted	Yes
45.	Renal profile, LET kit, Lipid profile, Blood, Sugar kit	Assorted	Assorted	Yes
46.	Sterile disposable lancet/needle	Assorted	Assorted	Yes
47.	Glass rod	Assorted	Assorted	Yes
48.	Syringe needle destroyer	Assorted	Assorted	Yes
49.	Cover slip	Assorted	Assorted	Yes
50.	Cleaned slides	Assorted	Assorted	Yes
51.	Litmus paper	Assorted	Assorted	Yes
52.	pH indicator paper strips	Assorted	Assorted	Yes
53.	Test tube	Assorted	Assorted	Yes
54.	Separating funnels of various sizes	Assorted	Assorted	Yes
55.	Glass Jars with lid of different sizes	Assorted	Assorted	Yes
56.	Capillary Tubes	Assorted	Assorted	Yes
57.	Rubber sheat	Assorted	Assorted	Yes
58.	Magnifying lens	Assorted	Assorted	Yes
59.	Water bath	Assorted	Assorted	Yes
60.	Multi stix	Assorted	Assorted	Yes

*S. Vaidya*  
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Dea **S. R. J. Patil** & S. S. Patil  
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**(F) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR LABOUR ROOM**

S.No.	Equipment and Instruments	Required Quantity	Details on College Website	Adequate /Inadequate
	<b>Essential</b>			
1.	Shadow less Lamp	One	Yes	Adequate
2.	Suction Machine (Neonatal)	One	Yes	Adequate
3.	Oxygen Cylinder and Mask	One	Yes	Adequate
4.	Foetal Toco Cardiograph	One	Yes	Adequate
5.	Radiant Warmer	One	Yes	Adequate
6.	Photo therapy Unit	One	Yes	Adequate
7.	Weighing Machine (Paediatric)	One	Yes	Adequate
8.	Patient trolley	Two	Yes	Adequate
9.	Anaesthesia trolley	One	Yes	Adequate
10.	Infanto meter	One	Yes	Adequate
11.	Vacuum extractor	One	Yes	Adequate
12.	Foetal Doppler	One	Yes	Adequate
13.	Low cavity forceps	Two	Yes	Adequate
14.	Steriliser	Two	Yes	Adequate
15.	Machintosh rubber sheet	Assorted	Yes	Adequate
16.	Instruments for labour Episiotomy. (Scissors, forceps ,needle holders etc.)	Assorted	Yes	Adequate
17.	Baby tray	Two	Yes	Adequate
18.	Nebuliser	One	Yes	Adequate
19.	Foetoscope	Five	Yes	Adequate
20.	Auto Clave	One	Yes	Adequate
21.	Drums	Assorted	Yes	Adequate
22.	Instrumental Trolley	Assorted	Yes	Adequate
23.	OT tables and head Up and head Low facility	One	Yes	Adequate
24.	Pulse Oximeter	One	Yes	Adequate
25.	Resuscitation kit	One	Yes	Adequate
26.	Boyle's apparatus	One	Yes	Adequate
27.	Electrocautery	One	Yes	Adequate
28.	MTP Suction Machine	One	Yes	Adequate
29.	Anaesthesia Kit	One	Yes	Adequate
30.	Blunt and Sharp Curettes	One	Yes	Adequate
31.	Dilators set (Hegar's, Hawkins)	Ten	Yes	Adequate
32.		Five	Yes	Adequate



32.	Sims's Speculum	Five	Yes	Adequate
33.	Cusco's Speculum	Five	Yes	Adequate
34.	Anterior Vaginal Wall tractor	Five	Yes	Adequate
35.	Uterines sound	Five	Yes	Adequate
36.	Volsellum	Five	Yes	Adequate
37.	MTP Suction Currate	Five	Yes	Adequate
38.	Retractors abdominal (Doayne's etc.)	Five	Yes	Adequate
39.	Sponge holding forceps	Five	Yes	Adequate
40.	Green armytage forceps	Five	Yes	Adequate
41.	Uterus holding forceps	Five	Yes	Adequate
42.	Kocher's forceps	Five	Yes	Adequate
43.	Artery forceps(Long,short,Mosquito)Each	Five	Yes	Adequate
44.	Scissors-different sizes	Five	Yes	Adequate
45.	Forceps obstetrics	Five	Yes	Adequate
46.	Endotrachial tubes	Five	Yes	Adequate
47.	Cord Cutting appliances	Five	Yes	Adequate
48.	I.U.C.D. removing hook	Five	Yes	Adequate
49.	Bladder Sound	Five	Yes	Adequate
50.	B.P. apparatus	Two	Yes	Adequate
<b>Miscellaneous</b>				
51.	HIV kit for emergency patients	Assorted	Yes	Adequate
52.	Plain and Hole towels	Assorted	Yes	Adequate
53.	Towel Clips	Assorted	Yes	Adequate
54.	Catguts and Thru-ead	Assorted	Yes	Adequate
55.	Needles	Assorted	Yes	Adequate
56.	Needle holders	Assorted	Yes	Adequate

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34.	Ambu Bag		Two	Yes	Adequate
35.	Suction machine Electrical or Manual		One	Yes	Adequate
36.	Skin grafting knife with handle		Assorted	Yes	Adequate
37.	Surgical blades of different size		Assorted	Yes	Adequate
38.	Self-Retaining Retractor		Assorted	Yes	Adequate
39.	Bone cutter		Two	Yes	Adequate
40.	Gigli Saw		Two	Yes	Adequate
41.	Scoop		Assorted	Yes	Adequate
42.	Periosteum elevator		Two	Yes	Adequate
43.	Maggles Forceps		Assorted	Yes	Adequate
44.	High Pressure Autoclave		One	Yes	Adequate
45.	Nitrous Oxide Cylinder		One	Yes	Adequate
46.	Hydraulic Operation Table		One	Yes	Adequate
47.	Boyle's Apparatus		One	Yes	Adequate
48.	Instrument Trolley		Assorted	Yes	Adequate
49.	Endotracheal Tube		Assorted	Yes	Adequate
50.	Proctoscope with or with out illumination		Two	Yes	Adequate
51.	Gabrial Syringe		One	Yes	Adequate
52.	Stretcher with trolley		Two	Yes	Adequate
53.	Suction Machine		Assorted	Yes	Adequate
General					
54.	Emergency power back up facility		Assorted	Yes	Adequate
55.	Emergency light		Four	Yes	Adequate
56.	Fire Extinguisher		Two	Yes	Adequate
57.	BP Apparatus		Assorted	Yes	Adequate
58.	Fumigator		One	Yes	Adequate
59.	Refrigerator		One	Yes	Adequate
60.	X-ray View Box(double)		Two	Yes	Adequate
61.	Revolving Stool		Assorted	Yes	Adequate
62.	Vertical BP Instrument		One	Yes	Adequate
63.	Rubber catheters of Assorted size		Assorted	Yes	Adequate
Miscellaneous					
64.	Corrugated rubber drain		Assorted	Yes	Adequate
65.	Suturing Needle (straight/curved) of Assorted size		Assorted	Yes	Adequate
66.	Surgical Thread		Assorted	Yes	Adequate
67.	BP Handle of different size		Assorted	Yes	Adequate
68.	Needle holder		Assorted	Yes	Adequate
II	Shalakra:Ophthalmic Equipment or Instruments for Operative Surgery				

Essential

69.	Ophthalmic Operation table with Headrest	One	Yes	Adequate		
70.	Sterilizing box/case with matts	Assorted	Yes	Adequate		
71.	Lens insertion Forceps	Assorted	Yes	Adequate		
72.	Keratome	Assorted	Yes	Adequate		
73.	Desmarre lid retractors	Assorted	Yes	Adequate		
74.	Cat-paw lacrimal retractor	Assorted	Yes	Adequate		
75.	Mueller lacrimal sac retractor	Assorted	Yes	Adequate		
76.	Dastoor iris retractor	Assorted	Yes	Adequate		
77.	Meyrhoefer Chalazioncurette	Assorted	Yes	Adequate		
78.	Sinsky lens manipulating hook	Assorted	Yes	Adequate		
79.	IOL Manipulator	Assorted	Yes	Adequate		
80.	Foreign body spud	Assorted	Yes	Adequate		
81.	Lewis lens loop (vectis)	Assorted	Yes	Adequate		
82.	Cystotome and spoon	Assorted	Yes	Adequate		
83.	Mule Evisceration spoon	Assorted	Yes	Adequate		
84.	Irisrepository (double-ended)	Assorted	Yes	Adequate		
85.	Jameson muscle hook	Assorted	Yes	Adequate		
86.	Wills cautery with copper ball-point	Assorted	Yes	Adequate		
87.	Langs lacrimal sac dissector	Assorted	Yes	Adequate		
88.	Kelly Glaucoma punch	Assorted	Yes	Adequate		
89.	Elevator(doublended)	Assorted	Yes	Adequate		
90.	Nasals peculumadult/ child	Assorted	Yes	Adequate		
91.	Wilder punctum Dilator	Assorted	Yes	Adequate		
92.	Bowman lacrimal probes	Assorted	Yes	Adequate		
93.	Hartman mosquito forceps	Assorted	Yes	Adequate		
94.	Calibriforceps! *2 teeth	Assorted	Yes	Adequate		
95.	Mc. Person corneal forceps with tying platform	Assorted	Yes	Adequate		
96.	Dressing forceps, serrated	Assorted	Yes	Adequate		
97.	Moorfieldconjunctival forceps	Assorted	Yes	Adequate		
98.	Fixation forceps	Assorted	Yes	Adequate		
99.	Beer cilea (epilation)forceps	Assorted	Yes	Adequate		
100.	Arragacapsularforceps	Assorted	Yes	Adequate		
101.	SnellenEntropion clamp	Assorted	Yes	Adequate		
102.	Chalazion clamps	Assorted	Yes	Adequate		
103.	Vannas sraight scissors	Assorted	Yes	Adequate		
104.	Barraquer needle holder	Assorted	Yes	Adequate		
105.	Air injection cannula	Assorted	Yes	Adequate		
106.	Healon aspirating cannula	Assorted	Yes	Adequate		







	X-Ray Viewing Box	One	Yes	Adequate
	BP Apparatus	Two	Yes	Adequate
	Stethoscope	Four	Yes	Adequate
	Thermometer	Four	Yes	Adequate
	ENT kit	Assorted	Yes	Adequate
	Torch	Two	Yes	Adequate
	Bull's lamp	One	Yes	Adequate
4	Prasuti and Stri Roga			
	<b>Essential</b>			
	Weighing machine	One	Yes	Adequate
	Sims's speculum	Two	Yes	Adequate
	Thermometer	Four	Yes	Adequate
	Cusco's speculum	Two	Yes	Adequate
	Examination Table	One	Yes	Adequate
	Lamp stand	One	Yes	Adequate
	Torch	Two	Yes	Adequate
	X-Ray Viewing Box	One	Yes	Adequate
	BP Apparatus	Two	Yes	Adequate
	Stethoscope	Four	Yes	Adequate
	Measuring tape	Two	Yes	Adequate
5	Bal Roga			
	<b>Essential</b>			
	Scale	One	Yes	Adequate
	Weighing machine	One	Yes	Adequate
	Torch	Two	Yes	Adequate
	X-Ray View Box	One	Yes	Adequate
	Thermometer	Four	Yes	Adequate
	BP Apparatus with Pediatric cuff	Two	Yes	Adequate
	Stethoscope	Assorted	Yes	Adequate
	Examination Table	Assorted	Yes	Adequate
6	Panchkarma			
	As per Kayachikitsa			
7	Yoga Section (Swasth Rakhshan)			
	Facilities available (Equipment, Instrument, Furniture etc)	Assorted	Yes	Adequate
8	Emergency			
	Facilities available (Equipment, Instrument, Furniture etc)	Assorted	Yes	Adequate

*[Handwritten Signature]*

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