

DEPARTMENTWISEINSTRUMENTSANDEQUIPMENTSLISTASPERMSR

(A).DETAILSOFEQUIPMENTSAND INSTRUMENTSREQUIREDFORPHYSIOLOGYLABORATORY

YEAR 2022- 2023

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
Essential					
1	Microscopes with oil immersion	Thirty	Fifty	Yes	Adequate
2	Westergen 'spipette for ESR	Sixty	Hundred	Yes	Adequate
3	Haematocrit Tube	Sixty	Hundred	Yes	Adequate
4	Sahli's Haemoglobinometer	Sixty	Hundred	Yes	Adequate
5	Haemocytometer	Sixty	Hundred	Yes	Adequate
6	Electrocardiograph	One	One	Yes	Adequate
7	Stopwatches	Sixty	Hundred	Yes	Adequate
8	Water Distillation still	One	One	Yes	Adequate
9	Balances	One	One	Yes	Adequate
10	Centrifuge with speed control	Three	Six	Yes	Adequate
11	Colorimeter(photoelectric)	Three	Six	Yes	Adequate
12	pHmeter Electric	One	One	Yes	Adequate
13	pH comparator or with disc	One	One	Yes	Adequate
14	Sphygmomanometer	Thirty	Fifty	Yes	Adequate
15	Stethoscopes	Sixty	Hundred	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	Five	Yes	Adequate
General					
20.	Refrigerator	One	One	Yes	Adequate
21.	Newton's color wheel In a batch	One	One	Yes	Adequate
Miscellaneous					
22.	Cover slips, glassware, Micro slides	Assorted		Yes	Adequate

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(B) DETAIL SOFEQUIPMENTANDINSTRUMENTSREQUIREDFORDISSECTIONHALL

S.No.	Instruments and Equipment's	Up to Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate/Inadequate
		Essential			
1.	Tank with a capacity to preserve 2-4 bodies.		Assorted	Yes	Adequate
2.	Machines for bones and brain sectioning		Assorted	Yes	Adequate
3.	Dissection Sets	Fifteen Sets	Twenty-fives ets	Yes	Adequate
4.	Dissecting Table				
a)	Full size with steel top or marble top stainless	Four	Six	Yes	Adequate
b)	Half size with steel top or marble top stainless	Eight	Ten	Yes	Adequate
		General			
5.	X-ray viewing box or panels	Three	Three	Yes	Adequate
		Miscellaneous			
6.	Bonecutter of the number $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{8}$ - full pointed Chisel bone dissector		Assorted	Yes	Adequate
7.	Glass jars of different sizes		Assorted	Yes	Adequate
8.	Preservative Chemicals		Assorted	Yes	Adequate

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(C) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAI SHAJYAKALPANALABORATORY

Sr. No.	Equipment and Instruments	Up to Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate /Inadequate
Essential					
1.	Khalva Yantra-				
a)	Small	Ten	NA	YES	Adequate
b)	Medium	Ten	NA	YES	Adequate
c)	Porcelain	Eleven	NA	YES	Adequate
d)	Tapta khalv yantra	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.	Koshti with Blower	Two	NA	YES	Adequate
6.	Yantras				
a)	Dola Yantra	Two	NA	YES	Adequate
b)	Valuk:a 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 Bharti	One	NA	YES	Adequate
General					
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	Ass01ted	NA	YES	Adequate
14.	Balance(Different Capacities)				
a)	Physical	One	NA	YES	Adequate
b)	Chemical	One	NA	YES	Adequate
c)	Electronic Balance	One	NA	YES	Adequate
15.	Heating Device-				
a)	Gas Stove	Ass01ted	NA	YES	Adequate
b)	Hotplate	Ass01ted	NA	YES	Adequate
c)	Chulla (Charcoal)	Ass01ted	NA	YES	Adequate
16.	Big Vessels and Containers-				
a)	Brass	Ass01ted	NA	YES	Adequate

(D) DETAILSOE 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
Essential					
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
Miscellaneous					
6.	Slides box with cover slips,		Asso lted	Yes	Adequate
7.	Blotting/filter papers		Asso lted	Yes	Adequate
8.	Dissection Box		Asso lted	Yes	Adequate
9.	Enamel Trays		Asso lted	Yes	Adequate
10.	Reagents-				
a.	Chloroform		Asso lted	Yes	Adequate
b.	Alcohol.		Asso lted	Yes	Adequate
c.	HCL		Asso lted	Yes	Adequate
d.	Sulphuric acid		Asso lted	Yes	Adequate
e.	Sodium I, I potassimhydroxide		Asso lted	Yes	Adequate
f.	Benedict solution		Asso lted	Yes	Adequate
g.	Sodium Itriate		Asso lted	Yes	Adequate
h.	Potassim Itriate		Asso lted	Yes	Adequate
i.	Citric acid		Asso lted	Yes	Adequate
j.	Iodine		Asso lted	Yes	Adequate
k.	Ethyl Alcohol		Asso lted	Yes	Adequate
l.	Potassim Iodide		Asso lted	Yes	Adequate
111	Xylol/pm exylene (slide preparation)		Asso lted	Yes	Adequate

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64	Plastic Glass	Asso lted	Asso lted	Yes	Adequate
65	Hight Stand	Asso lted	Asso lted	Yes	Adequate

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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
	Essential			
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 Cardio graph	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.	Machine to shrubber sheet	Assmted	Yes	Adequate
16.	UJ Instruments for labomandEpisiotomy. (Scissors, forceps ,needle holders etc.)	Asso lited	Yes	Adequate
17.	Baby tray	Two	Yes	Adequate
18.	Nebuliser	One	Yes	Adequate
19.	Foeto scope	Five	Yes	Adequate
20.	Auto Clave	One	Yes	Adequate
21.	Drums	Asso lited	Yes	Adequate
22.	Instrumental Trolley	Asso lited	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.	Electrocaute ly	One	Yes	Adequate
28.	MTP Suction Machine	One	Yes	Adequate
29.	Anaesthesia Kit	One	Yes	Adequate
30.	Blw l tandSharpCmettes	Ten	Yes	Adequate
31.	Dilatorset (Hegar's, Hawkins)	Five	Yes	Adequate

32.	Sims's Speculum		Five	Yes	Adequate
33.	Cusco's Speculum		Five	Yes	Adequate
34.	Anterior Vaginal Wall retractor		Five	Yes	Adequate
35.	Uterine Ointment		Five	Yes	Adequate
36.	Volsellum		Five	Yes	Adequate
37.	MTP Suction Curette		Five	Yes	Adequate
38.	Retractors abdominal (Doyle'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.	Endo trachial 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
Miscellaneous					
51.	HIV kit for emergency patients		Assorted	Yes	Adequate
52.	Plain and Hole towels		Assorted	Yes	Adequate
53.	Towel Clips		Assorted	Yes	Adequate
54.	Cuttings and Thread		Assorted	Yes	Adequate
55.	Needles		Assorted	Yes	Adequate
56.	Needle holders		Assorted	Yes	Adequate

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(G) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR OPERATION THEATRE

S.No.	Equipment and Instruments	Required Quantity	Details on College Website	Adequate/ Inadequate
1	Shalya:			
	Essential			
1.	Spotlight (Shadow less ceiling fitted)	One	Yes	Adequate
2.	Needle holding Force ps(big-medium-small)	Assorted	Yes	Adequate
3.	Dressing drums of Assorted size	Assorted	Yes	Adequate
4.	Drum stand	Assorted	Yes	Adequate
5.	IV Stand	Two	Yes	Adequate
6.	Cheatles Forceps	Four	Yes	Adequate
7.	Mosquito forceps	Four	Yes	Adequate
8.	Scissors straight(Tailor)	Four	Yes	Adequate
9.	Scissors curved of different sizes	Fiveeach	Yes	Adequate
10.	Stitchre moval scissors	Fiveeach	Yes	Adequate
11.	Dissection forceps	Four	Yes	Adequate
12.	SinusForceps	Four	Yes	Adequate
13.	Probes-Assortedsize	Fiveeach	Yes	Adequate
14.	Pointedscissors	Four	Yes	Adequate
15.	Abdominal Retractors	Five	Yes	Adequate
16.	TissueForceps	Five	Yes	Adequate
17.	BobKock'sforceps	Five	Yes	Adequate
18.	Kocher'sForceps	Five	Yes	Adequate
19.	UrethralDilators	Fiveeach	Yes	Adequate
20.	MetalCatheters	Fiveeach	Yes	Adequate
21.	Spongeholdingforceps	Four	Yes	Adequate
22.	RightAnglecholecystectomyForceps	Four	Yes	Adequate
23.	Stoneholdingforceps	Four	Yes	Adequate
24.	AlliesForceps small	Four	Yes	Adequate
25.	AlliesForceps Big	Four	Yes	Adequate
26.	ArteryForceps small	Four	Yes	Adequate
27.	ArteryForceps big	Four	Yes	Adequate
28.	ArteryForceps Medium	Four	Yes	Adequate
29.	SigmoidoscopeRigid/flexible	One	Yes	Adequate
30.	BarronPile'sGun	Two	Yes	Adequate
31.	LaryngoscopePediatric/Adult	One	Yes	Adequate
32.	BoylesApparatus	One	Yes	Adequate
33.	Multi-parameter Monitor	One	Yes	Adequate

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 levator		Assorted	Yes	Adequate
43.	Maggles Forceps		One	Yes	Adequate
44.	High Pressure Autoclave		One	Yes	Adequate
45.	Nitrous Oxide Cylinder		One	Yes	Adequate
46.	Hydrolic Operation Table		One	Yes	Adequate
47.	Boyle's Apparatus		Assorted	Yes	Adequate
48.	Instrument Trolley		Assorted	Yes	Adequate
49.	Endotracheal Tube		Two	Yes	Adequate
50.	Proctoscope with or without illumination		One	Yes	Adequate
51.	Gabrial Syringe		Two	Yes	Adequate
52.	Stretcher with trolley		Assorted	Yes	Adequate
53.	Suction Machine				
General					
54.	Emergency power backup 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
Shalabya:Ophthalmic Equipment or Instruments for Operative Surgery					
II	Essential				

110.	Y-loopeannula(Right/LeftWithsilicontubing)	Assorted	Yes	Adequate
111.	Simcockdirect/Acannu lawithsilicontubing	Assorted	Yes	Adequate
112.	Irrigatingaspiratinghandle	Assorted	Yes	Adequate
113.	Lensdialer	Assorted	Yes	Adequate
114.	SuperiorRectusforceps	Assorted	Yes	Adequate
115.	Eyewashglasses(forTarpanaKarina)	Assorted	Yes	Adequate
116.	SwimmingGoggles(forTarpanaKanna)	Assorted	Yes	Adequate
III	ENT-SurgicalOperativeProceduralInstruments			
	Essential			
117.	AuralSyringe	Assorted	Yes	Adequate
118.	Jobson'sAuralProbe	Assorted	Yes	Adequate
119.	EustachianCatheter	Assorted	Yes	Adequate
120.	MastoidRetractor	Assorted	Yes	Adequate
121.	MastoidGouge	Assorted	Yes	Adequate
122.	Mallet	Assorted	Yes	Adequate
123.	Nasal ForeignBodyhook	Assorted	Yes	Adequate
124.	Nasalpackingforceps	Assorted	Yes	Adequate
125.	NasalSnare	Assorted	Yes	Adequate
126.	BayonetShapedgouge	Assorted	Yes	Adequate
127.	Walshamforceps	Assorted	Yes	Adequate
128.	Laryngealforceps	Assorted	Yes	Adequate
129.	Tongueplatewiththroatsuction	Assorted	Yes	Adequate
130.	Tonsilholdingforceps	Assorted	Yes	Adequate
131.	Tonsillarsuction	Assorted	Yes	Adequate
132.	Adenoidcurettewithcage	Assorted	Yes	Adequate
133.	Peritonsillarabcessdrainingforceps	Assorted	Yes	Adequate
134.	Fuller'sTracheostomyTube	Assorted	Yes	Adequate
135.	Cheatel'sForceps	Assorted	Yes	Adequate
	Miscellaneous			
136.	Otherconsumablearticleslikegloves,syringes, bandages,sutras,etc.	Assorted	Yes	Adequate

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		ENT kit		Assorted	Yes	Adequate
		Torch		Two	Yes	Adequate
		Bull's lamp		One	Yes	Adequate
4	Prasuti and Stri Ro. ea					
		Essential				
		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
		-Ray Viewing Box		One	Yes	Adequate
		BP Apparatus		Two	Yes	Adequate
		Stethoscope		Four	Yes	Adequate
		Measuring tape		Two	Yes	Adequate
5	Bal Roga					
		Essential				
		Scale		One	Yes	Adequate
		Weighing machine		One	Yes	Adequate
		Torch		Two	Yes	Adequate
		X-Ray Viewing 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	s 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



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