

**DEPARTMENTWISE INSTRUMENTS AND EQUIPMENTS LIST
(A). DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR
PHYSIOLOGY LABORATORY**

YEAR 2023 - 2024

Faculty: Ayurved

Name of College: Dr. Shubhangi Pradip Patil Ayurvedic Medical College, College Code-122132

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

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(B) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR DISSECTION HALL

S. No.	Instruments and Equipments	Avaiable Quantity	Adequate/ Inadequate
Essential			
1.	Tank with a capacity to preserve 2-4 bodies.	Assorted	Adequate
2.	Machines for bones and brain sectioning	Assorted	Adequate
3.	Dissection Sets	Fifteen Sets	Adequate
4.	Dissecting Table		
a)	Full size with steel top or marble top stainless	Four	Adequate
b)	Half size with steel top or marble top stainless	Eight	Adequate
General			
5.	X-ray viewing box or panels	Three	Adequate
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	Adequate
7.	Glass jars of different sizes	Assorted	Adequate
8.	Preservative Chemicals	Assorted	Adequate

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

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

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A handwritten signature in blue ink, appearing to be "Dr. Shuchangi Pralip Patil".

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

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

S.No.	Equipment and Instruments	Avaiable Quantity	Adequate/ Inadequate
42.	HBs Ag kit	Assorted	Assorted
43.	HIV kit - Tridot (method by T Mitra)	Assorted	Assorted
44.	CT and BT kit	Assorted	Assorted
45.	Renal profile, LET kit, Lipid profile, Blood, Sugar kit	Assorted	Assorted
46.	Sterile disposable lancer/needle	Assorted	Assorted
47.	Glass rod	Assorted	Assorted
48.	Syringe needle destroyer	Assorted	Assorted
49.	Cover slip	Assorted	Assorted
50.	Cleaned slides	Assorted	Assorted
51.	Litmus paper	Assorted	Assorted
52.	pH indicator paper strips	Assorted	Assorted
53.	Test tube	Assorted	Assorted
54.	Separating funnels of various sizes	Assorted	Assorted
55.	Glass Jars with lid of different sizes	Assorted	Assorted
56.	Capillary Tubes	Assorted	Assorted
57.	Rubber sheat	Assorted	Assorted
58.	Magnifying lens	Assorted	Assorted
59.	Water bath	Assorted	Assorted
60.	Multi stix	Assorted	Assorted

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S.No.	Equipment and Instruments	Avaiable Quantity	Adequate/ Inadequate
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(F) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR LABOUR ROOM

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




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S.No.	Equipment and Instruments	Avaiable Quantity	Adequate/ Inadequate
31.	Dilators set (Hegar's, Hawkins)	Five	Adequate
32.	Sims's Speculum	Five	Adequate
33.	Cusco's Speculum	Five	Adequate
34.	Anterior Vaginal Wall retractor	Five	Adequate
35.	Uterine sound	Five	Adequate
36.	Volsellum	Five	Adequate
37.	MTP Suction Currate	Five	Adequate
38.	Retractors abdominal (Doyne's etc.)	Five	Adequate
39.	Sponge holding forceps	Five	Adequate
40.	Green armytage forceps	Five	Adequate
41.	Uterus holding forceps	Five	Adequate
42.	Kocher's forceps	Five	Adequate
43.	Artery forceps (Long, short, Mosquito)Each	Five	Adequate
44.	Scissors- different sizes	Five	Adequate
45.	Forceps obstetrics	Five	Adequate
46.	Endotrachial tubes	Five	Adequate
47.	Cord Cutting appliances	Five	Adequate
48.	I.U.C.D. removing hook	Five	Adequate
49.	Bladder Sound	Five	Adequate
50.	B.P. apparatus	Two	Adequate
Miscellaneous			
51.	HIV kit for emergency patients	Assort ed	Assort ed
52.	Plain and Hole towels	Assort ed	Assort ed
53.	Towel Clips	Assort ed	Assort ed
54.	Catguts and Thread	Assort ed	Assort ed
55.	Needles	Assort ed	Assort ed
56.	Needle holders	Assort ed	Assort ed




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

S.No.	Equipment and Instruments	Available Quantity	Adequate/ Inadequate
I	Shalya:		
	Essential		
1.	Spot light (Shadow less ceiling fitted)	One	Adequate
2.	Needle holding Forceps (big- medium-small)	Assorted	Assorted
3.	Dressing drums of Assorted size	Assorted	Assorted
4.	Drum stand	Assorted	Assorted
5.	IV Stand	Two	Adequate
6.	Cheatles Forceps	Four	Adequate
7.	Mosquito forceps	Four	Adequate
8.	Scissors straight (Tailor)	Four	Adequate
9.	Scissors curved of different sizes	Five each	Adequate
10.	Stitch removal scissors	Five each	Adequate
11.	Dissection forceps	Four	Adequate
12.	Sinus Forceps	Four	Adequate
13.	Probes - Assorted size	Five each	Adequate
14.	Pointed scissors	Four	Adequate
15.	Abdominal Retractors	Five	Adequate
16.	Tissue Forceps	Five	Adequate
17.	Bob Kock's Forceps	Five	Adequate
18.	Kocher's Forceps	Five	Adequate
19.	Urethral Dilators	Five each	Adequate
20.	Metal Catheters	Five each	Adequate
21.	Sponge holding forceps	Four	Adequate
22.	Right Angle cholecystectomy Forceps	Four	Adequate
23.	Stone holding forceps	Four	Adequate
24.	Allies Forceps small	Four	Adequate
25.	Allies Forceps Big	Four	Adequate
26.	Artery Forceps small	Four	Adequate
27.	Artery Forceps big	Four	Adequate
28.	Artery Forceps Medium	Four	Adequate
29.	Sigmoidoscope Rigid/flexible	One	Adequate
30.	Barron Pile's Gun	Two	Adequate
31.	Laryngoscope Pediatric/Adult	One	Adequate
32.	Boyles Apparatus	One	Adequate
33.	Multi-parameter Monitor	One	Adequate
34.	Ambu Bag	Two	Adequate
35.	Suction machine Electrical or Manual	One	Adequate
36.	Skin grafting knife with handle	Assorted	Assorted
37.	Surgical blades of different size	Assorted	Assorted
38.	Self-Retaining Retractor	Assorted	Assorted
39.	Bone cutter	Two	Adequate
40.	Gigli Saw	Two	Adequate
41.	Scoop	Assorted	Assorted
42.	Periosteum elevator	Two	Adequate
43.	Maggles Forceps	Assorted	Assorted
44.	High Pressure Autoclave	One	Adequate
45.	Nitrous Oxide Cylinder	One	Adequate
46.	Hydraulic Operation Table	One	Adequate
47.	Boyle's Apparatus	One	Adequate
48.	Instrument Trolley	Assorted	Assorted
49.	Endotracheal Tube	Assorted	Assorted

50.	Proctoscope with or without illumination	Two	Adequate
51.	Gabrial Syringe	One	Adequate
52.	Strecher with trolley	Two	Adequate
53.	Suction Machine	Assorted	Assorted
General			
54.	Emergency power back up facility	Assorted	Assorted
55.	Emergency light	Four	Adequate
56.	Fire Extinguisher	Two	Adequate
57.	BP Apparatus	Assorted	Assorted
58.	Fumigator	One	Adequate
59.	Refrigerator	One	Adequate
60.	X-ray View Box (double)	Two	Adequate
61.	Revolving Stool	Assorted	Assorted
62.	Vertical BP Instrument	One	Adequate
63.	Rubber catheters of Assorted size	Assorted	Assorted
Miscellaneous			
64.	Corrugated rubber drain	Assorted	Assorted
65.	Suturing Needle (straight/curved) of Assorted size	Assorted	Assorted
66.	Surgical Thread	Assorted	Assorted
67.	BP Handle of different size	Assorted	Assorted
68.	Needle holder	Assorted	Assorted
II Shalaky: Ophthalmic Equipment or Instruments for Operative Surgery			
Essential			
69.	Ophthalmic Operation table with Head rest	One	
70.	Sterilizing box/case with matts	Assorted	Assorted
71.	Lens insertion Forceps	Assorted	Assorted
72.	Keratome	Assorted	Assorted
73.	Desmarres lid retractors	Assorted	Assorted
74.	Cat-paw lacrimal retractor	Assorted	Assorted
75.	Mueller lacrimal sac retractor	Assorted	Assorted
76.	Dastoor iris retractor	Assorted	Assorted
77.	Meyrhoefer Chalazioncurrete	Assorted	Assorted
78.	Sinsky lens manipulating hook	Assorted	Assorted
79.	IOL Manipulator	Assorted	Assorted
80.	Foreign body spud	Assorted	Assorted
81.	Lewis lens loop (vectis)	Assorted	Assorted
82.	Cystotome and spoon	Assorted	Assorted
83.	Mule Evisceration spoon	Assorted	Assorted
84.	Iris repository (double-ended)	Assorted	Assorted
85.	Jameson muscle hook	Assorted	Assorted
86.	Wills cautery with copper ball-point	Assorted	Assorted
87.	Langs lacrimal sac dissector	Assorted	Assorted
88.	Kelly Glaucoma punch	Assorted	Assorted
89.	Elevator (double ended)	Assorted	Assorted
90.	Nasal speculum adult/child	Assorted	Assorted
91.	Wilder punctum Dilator	Assorted	Assorted
92.	Bowman lacrimal probes	Assorted	Assorted
93.	Hartman mosquito forceps	Assorted	Assorted
94.	Colibri forceps 1*2 teeth	Assorted	Assorted
95.	Mc. person corneal forceps with tying platform	Assorted	Assorted
96.	Dressing forceps, serrated	Assorted	Assorted
97.	Moorfieldconjunctival forceps	Assorted	Assorted
98.	Fixation forceps	Assorted	Assorted
99.	Beer cilea (epilation) forceps	Assorted	Assorted
100.	Arruga capsular forceps	Assorted	Assorted

101.	Snellen Entropion clamp	Assorted	Assorted
102.	Chalazion clamps	Assorted	Assorted
103.	Vannas straight scissors	Assorted	Assorted
104.	Barraquer needle holder	Assorted	Assorted
105.	Air injection cannula	Assorted	Assorted
106.	Healon aspirating cannula	Assorted	Assorted
107.	AC washout cannula	Assorted	Assorted
108.	Lacrimal cannula	Assorted	Assorted
109.	Hydrodialysis cannula	Assorted	Assorted
110.	J-loop cannula (Right/Left With silicon tubing)	Assorted	Assorted
111.	Simcok direct I/A cannula with silicon tubing	Assorted	Assorted
112.	Irrigating aspirating handle	Assorted	Assorted
113.	Lens dialer	Assorted	Assorted
114.	Superior Rectus forceps	Assorted	Assorted
115.	Eye wash glasses (for Tarpana Karma)	Assorted	Assorted
116.	Swimming Goggles (for Tarpana Karma)	Assorted	Assorted
III	ENT-Surgical or Operative Procedural Instruments		
Essential			
117.	Aural Syringe	Assorted	Assorted
118.	Jobson's Aural Probe	Assorted	Assorted
119.	Eustachian Catheter	Assorted	Assorted
120.	Mastoid Retractor	Assorted	Assorted
121.	Mastoid Gouge	Assorted	Assorted
122.	Mallet	Assorted	Assorted
123.	Nasal Foreign Body hook	Assorted	Assorted
124.	Nasal packing forceps	Assorted	Assorted
125.	Nasal Snare	Assorted	Assorted
126.	Bayonet Shaped gouge	Assorted	Assorted
127.	Walsham forceps	Assorted	Assorted
128.	Laryngeal forceps	Assorted	Assorted
129.	Tongue plate with throat suction	Assorted	Assorted
130.	Tonsil holding forceps	Assorted	Assorted
131.	Tonsillar suction	Assorted	Assorted
132.	Adenoid curette with cage	Assorted	Assorted
133.	Peritonsillarabcess draining forceps	Assorted	Assorted
134.	Fuller's Tracheostomy Tube	Assorted	Assorted
135.	Cheatel's Forceps	Assorted	Assorted
Miscellaneous			
136.	Other consumable articles like gloves, syringes, bandages, sutras, etc.	Assorted	Assorted

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(H) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR OUT PATIENT DEPARTMENT

S. No.	Name of Out Patient Department	Article required as per norms of CCIM	Avaiable Quantity	Adequate/ Inadequate
1	Kayachikitsa			
		Essential		
		X-Ray View Box	One	Adequate
		BP Apparatus	Two	Adequate
		Stethoscope	Four	Adequate
		Torch	Two	Adequate
		Examination Table	One	Adequate
		Thermometer	Four	Adequate
		Tongue depressor	Five	Adequate
		Weight and height measuring stand	One	Adequate
		Measuring tape	One	Adequate
		Knee Hammer	Two	Adequate
		Miscellaneous		
		Gloves	Assorted	Assorted
2	Shalya			
		Essential		
		X-Ray Viewing Box	One	Adequate
		Stethoscope	Four	Adequate
		Instruments for ano-rectal examination	Two sets	Adequate
		Examination Table	One	Adequate
		BP Apparatus	Two	Adequate
		Thermometer	Four	Adequate
		Torch	Assorted	Assorted
		Cheatle forceps	Assorted	Assorted
		General		
		Minor OT	Assorted	Assorted
		Miscellaneous		
		Surgical Blades	Assorted	Assorted
3	Shalakyia			
		Essential		
		Tuning forks	Assorted	
		Ophthalmoscope/ fundoscope	Two	Adequate
		Auroscope	Two	Adequate
		Examination Table	One	Adequate
		X-Ray Viewing Box	One	Adequate
		BP Apparatus	Two	Adequate
		Stethoscope	Four	Adequate
		Thermometer	Four	Adequate
		ENT kit	Assorted	Assorted
		Torch	Two	Adequate
		Bull's lamp	One	Adequate

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

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