



Om Shanti Bahuuddeshiya Shikshan Sanstha's
GURU MISHRI AYURVED COLLEGE &
Matoshree Badambai Motilalji Desarda Ayurved Hospital,
 Shelgaon, Tq. Badnapur, Dist. Jalna

Dr. Kanchan Desarda
President

Dr. Yogesh Desarda
Secretary

ANNEXURE "V"

DEPARTMENTWISE INSTRUMENTS AND EQUIPMENTS LIST AS PER MSR

**A. DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED
 FOR PHYSIOLOGY LABORATORY**

Academic Year- 2024-25

Faculty: Ayurved

(AYU847)

Name of College: Guru Mishri Ayurved College, Shelgaon, Tal. Badnapur, Dist. Jalna

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's pipette 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	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	Six	Yes	Adequate
11	Colorimeter (photoelectric)	Three	Six	Yes	Adequate
12	pH meter Electric	One	One	Yes	Adequate
13	pH comparator 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 forks	Sixty	Hundred	Yes	Adequate
19	Sterilizer	Five	Five	Yes	Adequate
General					
20.	Refrigerator	One	One	Yes	Adequate
21.	Newton's colour wheel In a batch	One	One	Yes	Adequate
Miscellaneous					
22.	Cover slips, glassware, Micro slides	Assorted	Assorted	Yes	Adequate



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**B. DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR
DISSECTION HALL**

S. No.	Instruments and Equipment	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-five sets	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.	Bone cutter of the number $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$ - fine 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 LABOUR ROOM**

Sr. No.	Equipment and Instruments	Required Quantity	Details on College Website	Adequate/ Inadequate
Essential				
1.	Shadowless 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.	Infantometer	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 and 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	Ten	Yes	Adequate
31.	Dilators set (Hegar's, Hawkins)	Five	Yes	Adequate





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32.	Sims's Speculum	Five	Yes	Adequate
33.	Cusco's Speculum	Five	Yes	Adequate
34.	Anterior Vaginal Wall retractor	Five	Yes	Adequate
35.	Uterine sound	Five	Yes	Adequate
36.	Volsellum	Five	Yes	Adequate
37.	MTP Suction Currate	Five	Yes	Adequate
38.	Retractors abdominal (Doyne'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
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.	Catguts and Thread	Assorted	Yes	Adequate
55.	Needles	Assorted	Yes	Adequate
56.	Needle holders	Assorted	Yes	Adequate



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**D. DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR
OPERATION THEATRE**

S.No.	Equipment and Instruments	Required Quantity	Details on College Website	Adequate/ Inadequate
I	Shalya:			
	Essential			
1.	Spot light (Shadow less ceiling fitted)	One	Yes	Adequate
2.	Needle holding Forceps (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	Five each	Yes	Adequate
10.	Stitch removal scissors	Five each	Yes	Adequate
11.	Dissection forceps	Four	Yes	Adequate
12.	Sinus Forceps	Four	Yes	Adequate
13.	Probes - Assorted size	Five each	Yes	Adequate
14.	Pointed scissors	Four	Yes	Adequate
15.	Abdominal Retractors	Five	Yes	Adequate
16.	Tissue Forceps	Five	Yes	Adequate
17.	Bob Kock's Forceps	Five	Yes	Adequate
18.	Kocher's Forceps	Five	Yes	Adequate
19.	Urethral Dilators	Five each	Yes	Adequate
20.	Metal Catheters	Five each	Yes	Adequate
21.	Sponge holding forceps	Four	Yes	Adequate
22.	Right Angle cholecystectomy Forceps	Four	Yes	Adequate
23.	Stone holding forceps	Four	Yes	Adequate
24.	Allies Forceps small	Four	Yes	Adequate
25.	Allies Forceps Big	Four	Yes	Adequate
26.	Artery Forceps small	Four	Yes	Adequate
27.	Artery Forceps big	Four	Yes	Adequate
28.	Artery Forceps Medium	Four	Yes	Adequate
29.	Sigmoidoscope Rigid/flexible	One	Yes	Adequate
30.	Barron Pile's Gun	Two	Yes	Adequate
31.	Laryngoscope Pediatric/Adult	One	Yes	Adequate
32.	Boyles Apparatus	One	Yes	Adequate
33.	Multi-parameter Monitor	One	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 without illumination	Two	Yes	Adequate
51.	Gabrial Syringe	One	Yes	Adequate
52.	Strecher 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 Assortd 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	Shalakyas: Ophthalmic Equipment or Instruments for Operative Surgery			
Essential				





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69.	Ophthalmic Operation table with Head rest	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.	Desmarres 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.	Meyrhoef Chalazioncurrete	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.	Iris repository (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 (double ended)	Assorted	Yes	Adequate
90.	Nasal speculum adult/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.	Colibri forceps 1*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.	Arruga capsular forceps	Assorted	Yes	Adequate
101.	Snellen Entropion clamp	Assorted	Yes	Adequate
102.	Chalazion clamps	Assorted	Yes	Adequate
103.	Vannas straight 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
107.	AC washout cannula	Assorted	Yes	Adequate





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



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(E) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED

FOR OUT PATIENT DEPARTMENT

S. No.	Name of Out Patient Department	Article required	Quantity	Details on College Website	Adequate/ Inadequate
1	Kayachikitsa				
		Essential			
		X-Ray View Box	One	Yes	Adequate
		BP Apparatus	Two	Yes	Adequate
		Stethoscope	Four	Yes	Adequate
		Torch	Two	Yes	Adequate
		Examination Table	One	Yes	Adequate
		Thermometer	Four	Yes	Adequate
		Tongue depressor	Five	Yes	Adequate
		Weight and height measuring stand	One	Yes	Adequate
		Measuring tape	One	Yes	Adequate
		Knee Hammer	Two	Yes	Adequate
		Miscellaneous			
		Gloves	Assorted	Yes	Adequate
2	Shalya				
		Essential			
		X-Ray Viewing Box	One	Yes	Adequate
		Stethoscope	Four	Yes	Adequate
		Instruments for ano-rectal examination	Two sets	Yes	Adequate
		Examination Table	One	Yes	Adequate
		BP Apparatus	Two	Yes	Adequate
		Thermometer	Four	Yes	Adequate
		Torch	Assorted	Yes	Adequate
		Cheatle forceps	Assorted	Yes	Adequate
		General			
		Minor OT	Assorted	Yes	Adequate
		Miscellaneous			
		Surgical Blades	Assorted	Yes	Adequate
3	Shalakya				
		Essential			
		Tuning forks	Assorted	Yes	Adequate
		Ophthalmoscope/ fundoscope	Two	Yes	Adequate
		Auroscope	Two	Yes	Adequate
		Examination Table	One	Yes	Adequate
		X-Ray Viewing Box	One	Yes	Adequate
		BP Apparatus	Two	Yes	Adequate





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		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	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
		X-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 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		Yes	Adequate
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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