

DEPARTMENTWISEINSTRUMENTS ANDEQUIPMENTS LIST ASPERMSR

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

YEAR 2023-2024

Faculty: Ayurved

Name of College: Indutai Gaikwad-Patil Ayurvedic Hospital & Research Center (MS) College Code: 125129

Sr.No	Equipment and Instrumentse	Upto Sixty intake capacity	Sixty-one to Hundred intake capacity	Details on College Website	Adequate/ Inadequate
Essential					
1	Microscopes with oil immersion	Thirty	Fifty	50	Adequate
2	Westergen's pipette for ESR	Sixty	Hundred	100	Adequate
3	Haematocrit Tube	Sixty	Hundred	100	Adequate
4	Sahli's Haemoglobinometer	Sixty	Hundred	100	Adequate
5	Haemocytometer	Sixty	Hundred	100	Adequate
6	Electrocardiograph	One	One	01	Adequate
7	Stopwatches	Sixty	Hundred	100	Adequate
8	Water Distillation still	One	One	01	Adequate
9	Balances	One	One	01	Adequate
10	Centrifuge with speed control	Three	Six	06	Adequate
11	Colorimeter (photoelectric)	Three	Six	06	Adequate
12	pH meter Electric	One	One	01	Adequate
13	pH comparator with disc	One	One	01	Adequate
14	Sphygmomanometer	Thirty	Fifty	50	Adequate
15	Stethoscopes	Sixty	Hundred	100	Adequate
16	Clinical Thermometer	Sixty	Hundred	100	Adequate
17	Knee Hammer	Sixty	Hundred	100	Adequate
18	Tuning forks	Sixty	Hundred	100	Adequate
19	Sterilizer	Five	Five	05	Adequate
General					
20.	Refrigerator	One	One	01	Adequate
21.	Newton's colour wheel in batch	One	One	01	Adequate
Miscellaneous					
22.	Coverslips, glassware, Microslides	Assorted		Available	Adequate


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

S.No.	Instruments and Equipments	Upto 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	Available	Adequate
2.	Machines for bones and brain sectioning		Assorted	Available	Adequate
3.	Dissection Sets	Fifteen Sets	Twenty-five sets	25	Adequate
4.	Dissecting Table				
a)	Full size with steel top or marble top stainless	Four	Ten	10	Adequate
b)	Half size with steel top or marble top Stainless	Eight	Ten	10	Adequate
General					
5.	X-ray viewing box or panels	Three	Three	03	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	Available	Adequate
7.	Glass jars of different sizes		Assorted	Available	Adequate
8.	Preservative Chemicals		Assorted	Available	Adequate


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

S.No.	Equipment and Instruments	Required Quantity	Detail on College Website	Adequate/ Inadequate
I	Shalya:			
	Essential			
1.	Spotlight(Shadowless ceiling fitted)	Two	02	Adequate
2.	Needle holding Forceps(big-medium-small)	Assorted	Available	Adequate
3.	Dressing drums of Assorted size	Assorted	Available	Adequate
4.	Drum stand	Assorted	Available	Adequate
5.	IV Stand	Two	02	Adequate
6.	Cheaters Forceps	Four	04	Adequate
7.	Mosquito forceps	Four	04	Adequate
8.	Scissors straight(Tailor)	Four	04	Adequate
9.	Scissors curved of different sizes	Five each	05	Adequate
10.	Stitch removal scissors	Five each	05	Adequate
11.	Dissection forceps	Four	04	Adequate
12.	Sinus Forceps	Four	04	Adequate
13.	Probes-Assorted size	Five each	10	Adequate
14.	Pointed scissors	Four	04	Adequate
15.	Abdominal Retractors	Five	05	Adequate
16.	Tissue Forceps	Five	05	Adequate
17.	Bob Kock's Forceps	Five	05	Adequate
18.	Kocher's Forceps	Five	05	Adequate
19.	Urethral Dilators	Five each	05	Adequate
20.	Metal Catheters	Five each	05	Adequate
21.	Sponge holding forceps	Four	04	Adequate
22.	Right Angle cholecystectomy Forceps	Four	04	Adequate
23.	Stone holding forceps	Four	04	Adequate
24.	Allies Forceps small	Four	04	Adequate
25.	Allies Forceps Big	Four	04	Adequate
26.	Artery Forceps small	Four	04	Adequate
27.	Artery Forceps big	Four	04	Adequate
28.	Artery Forceps Medium	Four	04	Adequate
29.	Sigmoidoscope Rigid/flexible	One	01	Adequate
30.	Barron Pile's Gun	Two	02	Adequate
31.	Laryngoscope Pediatric/Adult	One	01	Adequate
32.	Boyles Apparatus	One	01	Adequate
33.	Multi-parameter Monitor	One	01	Adequate

35.	SuctionmachineElectricalorManual	One	01	Adequate
36.	Skinaftingknifewithhandle	Assorted	Available	Adequate
37.	Surgicalbladesofdifferentsize	Assorted	Available	Adequate
38.	Self-RetainingRetractor	Assorted	Available	Adequate
39.	Bonecutter	Two	02	Adequate
40.	GigliSaw	Two	02	Adequate
41.	Scoop	Assorted	Available	Adequate
42.	Periasteumelevator	Two	02	Adequate
43.	MagglesForceps	Assorted	Available	Adequate
44.	HighPressureAutoclave	One	01	Adequate
45.	NitrousOxideCylinder	One	01	Adequate
46.	HydrolicOperationTable	One	01	Adequate
47.	Boyle'sApparatus	One	01	Adequate
48.	InstrumentTrolley	Assorted	Available	Adequate
49.	EndotrachealTube	Assorted	Available	Adequate
50.	Proctoscopewithorwithoutillumination	Two	02	Adequate
51.	GabrialSyringe	One	01	Adequate
52.	Strecherwithtrolley	Two	02	Adequate
53.	SuctionMachine	Assorted	Available	Adequate
General				
54.	Emergencypowerbackupfacility	Assorted	Available	Adequate
55.	Emergencylight	Four	04	Adequate
56.	FireExtinguisher	Two	02	Adequate
57.	BPApparatus	Assorted	Available	Adequate
58.	Fumigator	One	01	Adequate
59.	Refrigerator	One	01	Adequate
60.	X-rayViewBox(double)	Two	02	Adequate
61.	RevolvingStool	Assorted	Available	Adequate
62.	VerticalBPInstrument	One	01	Adequate
63.	RubbercathetersofAssortedsize	Assorted	Available	Adequate
Miscellaneous				
64.	Corrugatedrubberdrain	Assorted	Available	Adequate
65.	SuturingNeedle(straight/curved)ofAssortedsize	Assorted	Available	Adequate
66.	SurgicalThread	Assorted	Available	Adequate
67.	BPHandleofdifferentsize	Assorted	Available	Adequate
68.	Needleholder	Assorted	Available	Adequate
II	Shalaky:OphthalmicEquipmentorInstrumentsforOperativeSurgery			
Essential				

70.	Sterilizingbox/casewithmatts	Assorted	Available	Adequate
71.	LensinsertionForceps	Assorted	Available	Adequate
72.	Keratome	Assorted	Available	Adequate
73.	Desmarreslidretractors	Assorted	Available	Adequate
74.	Cat-pawlacrimaloretractor	Assorted	Available	Adequate
75.	Muellerlacrimalsacretractor	Assorted	Available	Adequate
76.	Dastooririsretractor	Assorted	Available	Adequate
77.	MeyrhoeferChalazioncurrete	Assorted	Available	Adequate
78.	Sinskylensmanipulatinghook	Assorted	Available	Adequate
79.	IOLManipulator	Assorted	Available	Adequate
80.	Foreignbodyspud	Assorted	Available	Adequate
81.	Lewislensloop(vectis)	Assorted	Available	Adequate
82.	Cystotomeandspoon	Assorted	Available	Adequate
83.	MuleEviscerationspoon	Assorted	Available	Adequate
84.	Irisrepository(double-ended)	Assorted	Available	Adequate
85.	Jamesonmusclehook	Assorted	Available	Adequate
86.	Willscauterywithcopperball-point	Assorted	Available	Adequate
87.	Langslacrimalsacdiselector	Assorted	Available	Adequate
88.	KellyGlaucomapunch	Assorted	Available	Adequate
89.	Elevator(doubleended)	Assorted	Available	Adequate
90.	Nasalspeculumadult/child	Assorted	Available	Adequate
91.	WilderpunctumDilator	Assorted	Available	Adequate
92.	Bowmanlacrimalprobes	Assorted	Available	Adequate
93.	Hartmanmosquitoforceps	Assorted	Available	Adequate
94.	Colibriforceps1*2teeth	Assorted	Available	Adequate
95.	Mc.personcomealforcepswithtyingplatform	Assorted	Available	Adequate
96.	Dressingforceps,serrated	Assorted	Available	Adequate
97.	Moorfieldconjunctivalforceps	Assorted	Available	Adequate
98.	Fixationforceps	Assorted	Available	Adequate
99.	Beercilea(epilation)forceps	Assorted	Available	Adequate
100.	Arrugacapsularforceps	Assorted	Available	Adequate
101.	SnellenEntropionclamp	Assorted	Available	Adequate
102.	Chalazionclamps	Assorted	Available	Adequate
103.	Vannasstraightscissors	Assorted	Available	Adequate
104.	Barraqueneedleholder	Assorted	Available	Adequate
105.	Airinjectioncannula	Assorted	Available	Adequate
106.	Healonaspiratingcannula	Assorted	Available	Adequate
107.	ACwashoutcannula	Assorted	Available	Adequate
108.	Lacrimalcannula	Assorted	Available	Adequate
109.	Hydrodialysiscannula	Assorted	Available	Adequate

111.	Simcokdirectl/Acannulawithsilicontubing	Assorted	Available	Adequate
112.	Irrigatingaspiratinghandle	Assorted	Available	Adequate
113.	Lensdialer	Assorted	Available	Adequate
114.	SuperiorRectusforceps	Assorted	Available	Adequate
115.	Eyewashglasses(forTarpanaKarma)	Assorted	Available	Adequate
116.	SwimmingGoggles(forTarpanaKarma)	Assorted	Available	Adequate
III	ENT-SurgicalorOperativeProceduralInstruments			
Essential				
117.	AuralSyringe	Assorted	Available	Adequate
118.	Jobson'sAuralProbe	Assorted	Available	Adequate
119.	EustachianCatheter	Assorted	Available	Adequate
120.	MastoidRetractor	Assorted	Available	Adequate
121.	MastoidGouge	Assorted	Available	Adequate
122.	Mallet	Assorted	Available	Adequate
123.	NasalForeignBodyhook	Assorted	Available	Adequate
124.	Nasalpackingforceps	Assorted	Available	Adequate
125.	NasalSnare	Assorted	Available	Adequate
126.	BayonetShapedgouge	Assorted	Available	Adequate
127.	Walshamforceps	Assorted	Available	Adequate
128.	Laryngealforceps	Assorted	Available	Adequate
129.	Tongueplatewiththroatsuction	Assorted	Available	Adequate
130.	Tonsilholdingforceps	Assorted	Available	Adequate
131.	Tonsillarsuction	Assorted	Available	Adequate
132.	Adenoidcurettewithcage	Assorted	Available	Adequate
133.	Peritonsillarabcessdrainingforceps	Assorted	Available	Adequate
134.	Fuller'sTracheostomyTube	Assorted	Available	Adequate
135.	Cheatel'sForceps			
Miscellaneous				
136.	Otherconsumablearticleslikegloves,syringes,bandages,su tras,etc.	Assorted	Available	Adequate


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S.No.	Name of Out Patient Department	Articles required as per norms of CCI M	Required Quantity	Details on College Website	Adequate/Inadequate
1	Kayachikitsa	Essential			
		X-Ray View Box	One	01	Adequate
		BP Apparatus	Two	02	Adequate
		Stethoscope	Four	04	Adequate
		Torch	Two	02	Adequate
		Examination Table	One	01	Adequate
		Thermometer	Four	04	Adequate
		Tongue depressor	Five	05	Adequate
		Weight and height measuring stand	One	01	Adequate
		Measuring tape	One	01	Adequate
		Knee Hammer	Two	01	Adequate
		Miscellaneous			
		Gloves	Assorted	Available	Adequate
2	Shalya	Essential			
		X-Ray Viewing Box	One	01	Adequate
		Stethoscope	Four	04	Adequate
		Instruments for ano-rectal examination	Two sets	02	Adequate
		Examination Table	One	01	Adequate
		BP Apparatus	Two	02	Adequate
		Thermometer	Four	04	Adequate
		Torch	Assorted	Available	Adequate
		Cheate forceps	Assorted	Available	Adequate
		General			
		Minor OT	Assorted	Available	Adequate
		Miscellaneous			
		Surgical Blades	Assorted	Available	Adequate
3	Shalakya	Essential			
			Assorted	Available	Adequate
		Tuning forks	Two	02	Adequate
		Ophthalmoscope/fundoscope	Two	02	Adequate
		Auroscope	One	01	Adequate
		Examination Table	One	01	Adequate
		X-Ray Viewing Box	Two	02	Adequate
		BP Apparatus	Four	04	Adequate
		Stethoscope	Four	04	Adequate
		Thermometer	Four	Available	Adequate
		ENT kit	Assorted	Available	Adequate

		Bull'slamp	One	01	Adequate
4	Prasuti andStriRoga				
Essential					
		Weighingmachine	One	01	Adequate
		Sims'sspeculum	Two	02	Adequate
		Thermometer	Four	04	Adequate
		Cusco'sspeculum	Two	02	Adequate
		ExaminationTable	One	01	Adequate
		Lampstand	One	01	Adequate
		Torch	Two	02	Adequate
		X-RayViewingBox	One	01	Adequate
		BPAparatus	Two	02	Adequate
		Stethoscope	Four	04	Adequate
		Measuringtape	Two	02	Adequate
5	BalRoga				
Essential					
		Scale	One	01	Adequate
		Weighingmachine	One	01	Adequate
		Torch	Two	02	Adequate
		X-RayViewBox	One	01	Adequate
		Thermometer	Four	04	Adequate
		BPAparatuswithPediaticcuff	Two	02	Adequate
		Stethoscope	Assorted	Available	Adequate
		ExaminationTable	Assorted	Available	Adequate
6	Panchkarma	AsperKayachikitsa		Available	Adequate
7	YogaSection(Swasth Rakhshan)	Facilities available (Equipment,Instrument,Furniture etc)	Assorted	Available	Adequate
8	Emergency	Facilities available (Equipment, Instrument,Furniture etc)	Assorted	Available	Adequate


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Minimum(Additional) Requirement for Post-graduate Institutions where Under-graduate course is in existence:

Sr.No	Post	Particulars	Detail on College Website	Adequate/ Inadequate
(i) In each of the department of Rachana Sharira, Kriya Sharira, Dravyaguna, Rasa Shastra evam Bhaishajya Kalpana, Roga Nidana evam Vikriti Vigyana and Shalya Tantra, the following non-teaching staff shall be required in addition to the under-graduate staff requirement:				
(i)	Laboratory technician	0	NA	--
(ii)	Laboratory assistant	0	--	--
(iii)	Attendant or Peon or Multipurpose worker	0	--	--
(ii) The Additional Ancillary staff like Biochemist, Pharmacologist, Bio Statistician, Microbiologist to be appointed and the Qualifications shall be Post Graduate degree in the subject concerned or equivalent qualification from a recognised University.)				
(i)	Biochemist	1 (one)	--	--
(ii)	Pharmacologist	1 (one)	--	--
(iii)	Bio Statistician	1 (one)	--	--
(iv)	Microbiologist	1 (one)	--	--


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