

SCHEDULE-VI

Minimum essential requirements for Teaching Departments

Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
Samhita, Siddhanta and Sanskrit							
1.	Computer with Internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Language lab							
4.	Computer with internet	1	1	1	1	1	
5.	Printer	1	1	1	1	1	
6.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Kayachikitsa							
7.	Computer with internet	1	1	1	1	1	
8.	Printer	1	1	1	1	1	
9.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Panchakarma							
10.	Computer with internet	1	1	1	1	1	
11.	Printer	1	1	1	1	1	
12.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Shalya Tantra							
13.	Computer with internet	1	1	1	1	1	
14.	Printer	1	1	1	1	1	
15.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
16.	Museum	As required					
Shalakya Tantra							
17.	Computer with internet	1	1	1	1	1	
18.	Printer	1	1	1	1	1	
19.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Prasuti and Streeroga							
20.	Computer with internet	1	1	1	1	1	
21.	Printer	1	1	1	1	1	
22.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	1	1		1
Kaumarabhritya							
23.	Computer with internet	1	1	1	1	1	
24.	Printer	1	1	1	1	1	
25.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	1	1		1


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SCHEDULE VII-A (As per MSR 2016)

* Minimum essential requirements for department of Rachana Sharir

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1	Tank with a capacity to preserve 2-4 bodies.	Assorted	Assorted	4	
2	Machines for b1s and brain sectioning	Assorted	Assorted	Available	
3	Dissection Sets	15	25	15	
4	Dissecting Table				
a)	Full size with steel top or marble top stainless	4	6	4	
b)	Half size with steel top or marble top stainless	8	10	8	
General					
	X-ray viewing box or panels	3	3	3	
Miscellaneous					
	Bone cutter of the number $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$ - fine pointed Chisel bone dissector	Assorted	Assorted	Available	
	Glass jars of different sizes	Assorted	Assorted	Available	
	Preservative Chemicals	Assorted	Assorted	Available	


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SCHEDULE VII-B (As per MSR 2024)

Minimum essential requirements for department of Rachana Sharir

Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	2	2		1
Dissection Hall							
4.	Smart board or multimedia projector attached with e-dissection software	1	1	1	1	1	
5.	Dissection demo station [(equipped with shadowless focus light, high resolution close circuit camera, dissection table (big)	1	1	1	1	1	
6.	Dissection practice stations (equipped with smart television or smart boards connected to closed circuit camera of demo station, dissection table (big) and shadowless focus light facility)	3	5	8	10		3
7.	Dissection table (small)	4	6	8	10	4	
8.	Articulated skeleton set (one set each for fifty students)	2	2	3	4	2	
9.	Bone set (Dis- Articulated) (one set for each twenty students)	3	5	8	10	3	
10.	Pro dissected parts (upper limb or lower limb thorax or abdomen or head or neck)	6	9	12	15	6	
11.	Cadavers (one body each for twenty students)	3	5	8	10	3	
12.	Mummified body (for demonstration of surface anatomy)	1	1	2	2	1	
13.	Storage tank to hold cadavers, static or movable, durable tank with input and output facility with lid or cold storage unit	1	1	1	1	1	
14.	Specimens (wet specimens)	100	150	200	250	100	
15.	Platinated specimens	10	15	20	25	10	
16.	Brain section slices (sheet plastination)	10	10	20	20	10	
17.	X- ray view box (portable)	5	10	10	10	6	
18.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart-board or smart television for demonstration of histology and others)	1	1	2	2	2	
19.	Computer installed with e-dissection program connected to projector or smart board	1	1	2	2		1
20.	Embalming equipment	1	1	1	1	1	
21.	3D virtual cadaver dissection table	Optional					
22.	E- dissection (subscription of Atlas of human Anatomy or any other; dissection video compact discs)	Subscription or make available software					1
Other Requirements and Consumables:							
1.	Section machine, bone cutter, marble cutter (Body and skull cutting), Chisel, bone saw	As required				Available	
2.	Preservative Chemicals and other consumables	As required				Available	
3.	Dissection instrument kit (scalpel, blades, toothed forceps, untoothed forceps, probe, magnifying lenses with light, hook or scissors)	As required				Available	

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SCHEDULE VII-B (As per MSR 2024)

Minimum essential requirements for department of Rachana Sharir

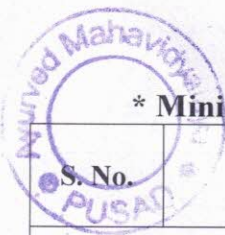
Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	2	2		1
Dissection Hall							
4.	Smart board or multimedia projector attached with e-dissection software	1	1	1	1	1	
5.	Dissection demo station [(equipped with shadowless focus light, high resolution close circuit camera, dissection table (big)	1	1	1	1	1	
6.	Dissection practice stations (equipped with smart television or smart boards connected to closed circuit camera of demo station, dissection table (big) and shadowless focus light facility)	3	5	8	10		3
7.	Dissection table (small)	4	6	8	10	4	
8.	Articulated skeleton set (one set each for fifty students)	2	2	3	4	2	
9.	Bone set (Dis- Articulated) (one set for each twenty students)	3	5	8	10	3	
10.	Pro dissected parts (upper limb or lower limb thorax or abdomen or head or neck)	6	9	12	15	6	
11.	Cadavers (one body each for twenty students)	3	5	8	10	3	
12.	Mummified body (for demonstration of surface anatomy)	1	1	2	2	1	
13.	Storage tank to hold cadavers, static or movable, durable tank with input and output facility with lid or cold storage unit	1	1	1	1	1	
14.	Specimens (wet specimens)	100	150	200	250	100	
15.	Platinated specimens	10	15	20	25	10	
16.	Brain section slices (sheet plastination)	10	10	20	20	10	
17.	X- ray view box (portable)	5	10	10	10	6	
18.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart-board or smart television for demonstration of histology and others)	1	1	2	2	2	
19.	Computer installed with e-dissection program connected to projector or smart board	1	1	2	2		1
20.	Embalming equipment	1	1	1	1	1	
21.	3D virtual cadaver dissection table	Optional					
22.	E- dissection (subscription of Atlas of human Anatomy or any other; dissection video compact discs)	Subscription or make available software					1
Other Requirements and Consumables:							
1.	Section machine, bone cutter, marble cutter (Body and skull cutting), Chisel, bone saw	As required				Available	
2.	Preservative Chemicals and other consumables	As required				Available	
3.	Dissection instrument kit (scalpel, blades, toothed forceps, untoothed forceps, probe, magnifying lenses with light, hook or scissors)	As required				Available	


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SCHEDULE VIII-A (As per MSR 2016)

* Minimum Essential Requirements for Department of Kriya Sharir

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1	Microscopes with oil immersion	30	50	30	
2	Westergren's pipette for ESR	60	100	60	
3	Hematocrit Tube	60	100	60	
4	Sahil's Haemoglobinometer	60	100	60	
5	Hemocytometer	60	100	60	
6	Electrocardiograph	1	1	1	
7	Stop watches	60	100	60	
8	Water Distillation still	1	1	1	
9	Balances	1	1	1	
10	Centrifuge with speed control	3	6	3	
11	Colorimeter (photoelectric)	3	6	3	
12	pH meter Electric	1	1	1	
13	pH comparator with disc	1	1	1	
14	Sphygmomanometer	30	50	35	
15	Stethoscopes	60	100	60	
16	Clinical Thermometer	60	100	60	
17	Knee Hammer	60	100	60	
18	Tuning forks	60	100	60	
19	Sterilizer	5	5	5	
General					
20	Refrigerator	1	1	1	
21	Newton's color wheeling a batch	1	1	1	
Miscellaneous					
22	Cover slips, glassware, Microslides box	Assorted	Assorted	Available	


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SCHEDULE VIII-B (As per MSR 2024)

Minimum Essential Requirements for Department of Kriya Sharir

Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency	
		60	100	150	200			
1.	Computer with Internet	1	1	1	1	1		
2.	Printer	1	1	1	1	1		
3.	Electronic-Display smart board or smart television or light emitting diodes (LED) display	1	1	2	2		1	
Sharira Kriya Laboratory								
4.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	1	1	2	2		1	
5.	Microscope (binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded built-in illumination)	6	10	15	20	6		
6.	Westergren's pipette for erythrocyte sedimentation rate	30	50	75	100	30		
7.	Haematocrit tube	30	50	75	100	30		
8.	Sahil's haemoglobinometer	30	50	75	100	30		
9.	Haemocytometer	30	50	75	100	30		
10.	Electrocardiograph	2	2	4	4	2		
11.	Digital spirometry	2	2	4	4	2		
12.	Centrifuge machine with digital regulator	1	1	2	2	1		
13.	Digital pH (per Hydrogen ion Concentration) meter	2	3	4	5			
14.	Digital sphygmomanometer	5	10	15	20	5		
15.	Stethoscopes	5	10	15	20	5		
16.	Clinical thermometer (digital, non-contact)	10	15	20	25	10		
17.	Knee hammer	10	15	20	25	10		
18.	Tuning forks	10	15	20	25	10		
19.	Digital weighing scale	5	10	15	20	5		
20.	Measuring tape	10	15	20	25	10		
21.	Height measurement scale	5	10	15	20	5		
22.	Naadi recording equipment	5	10	15	20	5		
23.	Consumables kits, reagents, chemicals, microscope slides, cover slips, gloves, lancets etc.	As required				Available		

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SCHEDULE IX-A (As per MSR 2016)

*Minimum Essential Requirements for Department of Dravyaguna

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1.	Field magnifier	One	One	1	
2.	Compound microscope	One	One	10	
3.	Dissecting Microscope	One	One	25	
4.	Microscope	Fifteen	Twenty-five	25	
5.	Electronic balance	One	Two	1	
Miscellaneous					
6.	Slides box with cover slips,	Assorted	Assorted	Available	
7.	Blotting/filter papers	Assorted	Assorted	Available	
8.	Dissection Box	Assorted	Assorted	Available	
9.	Enamel Trays	Assorted	Assorted	Available	
10.	Reagents-				
a.	Chloroform	Assorted	Assorted	Available	
b.	Alcohol.	Assorted	Assorted	Available	
c.	HCL	Assorted	Assorted	Available	
d.	Sulphuric acid	Assorted	Assorted	Available	
e.	Sodium, potassium hydroxide	Assorted	Assorted	Available	
f.	Benedict solution	Assorted	Assorted	Available	
g.	Sodium nitrate	Assorted	Assorted	Available	
h.	Potassium nitrate	Assorted	Assorted	Available	
i.	Citric acid	Assorted	Assorted	Available	
j.	Iodine	Assorted	Assorted	Available	
k.	Ethyl Alcohol	Assorted	Assorted	Available	
l.	Potassium Iodide	Assorted	Assorted	Available	
m.	Xylol/pure xylene (slide preparation)	Assorted	Assorted	Available	


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SCHEDULE IX-B (As per MSR 2024)

Minimum Essential Requirements for Department of Dravyaguna

Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	2	2		1
Dravyaguna Laboratory Museum cum Herbarium							
4.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	1	1	2	2	0	
5.	Microscope [binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded) built-in illumination]	5	10	15	20	5	
6.	Dissecting microscope	5	10	15	20	25	
7.	Magnification lens with light	5	10	15	20	25	
8.	Dissection box	5	10	15	20	5	
9.	Digital weighing scale (upto 10 grams with accuracy 0.001 miligram)	2	3	4	5	2	
10.	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	2	3	4	5	2	
11.	Thin layer chromatography kit with thin layer chromatography applicator, thin layer chromatography platform, atomizer, glass plates thin layer chromatography chamber and thin layer chromatography scale	1	1	2	2	0	
12.	Hot air oven	1	1	2	2	2	
13.	Muffle furnace	1	1	2	2	0	
14.	Digital pH (per Hydrogen Ion Concentration) Meter	1	1	2	2	0	
15.	Ostwald viscometer	5	10	15	20	0	
16.	Pycnometer or specific gravity bottle	5	10	15	20	0	
17.	Soxhlet's extraction apparatus	1	1	2	2	1	
18.	Heating mantle (250, 500 and 1000 millilitre)	One each		Two each		1	
19.	Bunsen burner electric or gas burner	10	15	20	25	10	
20.	Enamel trays	10	15	20	25	10	
21.	Water bath (rectangular)	1	1	2	2	1	
22.	Ultraviolet-cabinet	1	1	2	2	0	
23.	Desiccator	1	1	2	2	0	
Lab wares							
24.	Dropper	Assorted				Available	
25.	Needle					Available	
26.	Sharp razor blades					Available	
27.	Pipe clay triangles					Available	
28.	Wire mesh					Available	
29.	Test tube holders					Available	
30.	Reagent bottles					Available	

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31.	Test tube stands		Available
32.	Tripod stand		Available
33.	Pair of tongs		Available
Glassware and consumables			
34.	Test tubes	Assorted	Available
35.	Thin layer chromatography plates 20x20cm (pre-coated)		Not Available
36.	Evaporating dish		Available
37.	Silica crucible		Available
38.	Beakers two hundred millilitre		Available
39.	Glass rods		Available
40.	Conical flasks two hundred fifty millilitre		Available
41.	Glass funnels		Available
42.	Chemicals		Available
43.	Safranin		Available
44.	Light green		Available
45.	Sudan red- III		Available
46.	Glycerine		Available
47.	Dragendorff's reagent		Available
48.	Millon's reagent		Available
49.	Wagner's reagent		Available
50.	Benedict's solution		Available
51.	Fehling's solution		Available
52.	Iodine solution		Available
53.	Methanol		Available
54.	Distilled water		Available
55.	Ethanol		Available
56.	Hydrochloric acid		Available
57.	Sulphuric acid		Available
58.	Chloroform		Available
59.	Phloroglucinol		Available
60.	Acetic acid		Available
61.	Ferric chloride		Available
62.	Potassium iodide		Available
63.	Magnesium turnings		Available
64.	Ethyl acetate		Available
65.	Toluene		Available
66.	Silica gel GF-254		Available
67.	Blotting or filter papers		Available
68.	Microscope slides and cover slips	Available	


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SCHEDULE X-A (AS per MSR 2016)

Minimum essential requirements for department of Rasashastra and Bhaishajya kalpana including teaching pharmacy

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1	Khalva Yantra-				
a)	Small	Ten	Twenty	10	
b)	Medium	Ten	Twenty	10	
c)	Porcelain	Ten	Twenty	12	
d)	Taptakhalvyantra	Two	Four	1	
2	Pounding Apparatus (Ulukhala Yantra)	Ten	Twenty	2	
3	Putas (Different kind)	Five	Ten	5	
4	Moosha (Crucibles)	Thirty	Fifty	30	
5	Koshthi with Blower	Two	Four	2	
6	Yantras				
a)	Dola Yantra	One	One	2	
b)	Valuka Yantra	One	One	2	
c)	Pithara Yantra	One	One	2	
d)	Bhudhara Yantra etc.	One	One	1	
7	Distillation Apparatus and Arka Yantra	Three	Six	2	
8	Kupipakva Bhatti	One	One	1	
General					
9	Wet Grinder	One	One	1	
10	Mixi	One	One	1	
11	Juice Extractor	One	One	1	
12	Refrigerator	One	One	1	
13	Almiras and Racks for storage	Assorted		Available	
14	Balance (Different Capacities)				
a)	Physical	One	One	1	
b)	Chemical	One	One	1	
c)	Electronic Balance	One	One	1	
15	Heating Device-				
a)	Gas Stove	Assorted	Assorted	Available	
b)	Hot plate	Assorted	Assorted	Available	
c)	Chulla (Charcoal)	Assorted	Assorted	Available	
16	Big Vessels and Containers-				
a)	Brass	Assorted	Assorted	Available	
b)	Copper	Assorted	Assorted	Available	
c)	Steel etc.	Assorted	Assorted	Available	
d)	Earthen Vessels-Pots	Assorted	Assorted	Available	
Miscellaneous					
17	Jars(Porcelain) Fermentation Purpose	Assorted	Assorted	Available	
18	Enamel Trays	Assorted	Assorted	Available	
19	Spirit Lamp	Assorted	Assorted	Available	
20	Pressure Cooker	Assorted	Assorted	Available	
21	Measuring Equipments Different Size (Glass)	Assorted	Assorted	Available	
22	Pyrometer	Assorted	Assorted	Available	
23	Thermo meter	Assorted	Assorted	Available	

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24	Vessels				
a)	Frying Pan	Assorted	Assorted	Available	
b)	Steel Vessel	Assorted	Assorted	Available	
c)	Spatula	Assorted	Assorted	Available	
d)	Ladles and Spoons	Assorted	Assorted	Available	
e)	Knife	Assorted	Assorted	Available	
f)	Plates	Assorted	Assorted	Available	
g)	Samdamsa Yantra(Tongs)	Assorted	Assorted	Available	
25	Sieves (Assorted Nos. and Size)	Assorted	Assorted	Available	


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SCHEDULE X-B (AS per MSR 2024)

Minimum essential requirements for department of Rasashastra and
Bhaishajya kalpana including teaching pharmacy

Serial number	Standard or item required	Minimum requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-Display (Smart board or smart television or light emitting diodes display)	1	1	2	2	0	
Teaching pharmacy cum museum							
4.	Khalva yantra – small	10	15	20	25	10	
5.	Khalva yantra – medium	10	15	20	25	10	
6.	Khalva yantra - porcelain (different sizes)	10	15	20	25	12	
7.	Taptakhalva yantra	3	5	8	10	1	
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	2	
9.	Pestle and mortar glass	2	2	5	5	2	
10.	Putas (different kind)	3	3	5	8	5	
11.	Koshti with blower	2	4	6	8	1	
12.	Moosha (crucibles)	30	30	50	50	30	
13.	Dola yantra	1	1	1	1	1	
14.	Valuka yantra	1	1	1	1	1	
15.	Pithara yantra	1	1	1	1	1	
16.	Bhudhara yantra	1	1	1	1	1	
17.	Distillation apparatus and arka yantra	1	1	1	1	1	
18.	Kupipakva bhatti	1	1	1	1	1	
19.	Digital balance	1	1	1	1	1	
20.	Bottle sealing machine	1	1	1	1	1	
21.	Sealing machine	1	1	1	1	1	
22.	Filling machine	1	1	1	1	1	
23.	Distillation apparatus glass or Ark yantra one litre	2	2	4	4	2	
24.	Wet grinder	1	1	1	1	1	
25.	Mixer or grinder	1	1	1	1	1	
26.	Juice extractor	1	1	1	1	1	
27.	Ball mill (Stainless steel balls)	1	1	1	1	1	
28.	Tincture press	1	1	1	1	1	
29.	Refrigerator	1	1	1	1	1	
30.	Amirah and racks for storage	As required					
31.	Electronic balance of different capacities (up to 100 grms with accuracy 1.0 milligram, 100 -1000 grams with accuracy 1.0 gram, 1 kilogram and above)	3	3	3	3	3	
32.	Gas stoves	1	1	1	1	1	
33.	Hot plate	1	1	1	1	1	
34.	Chulla (charcoal)	1	1	1	1	1	
35.	Pulveriser	1	1	1	1	1	
36.	Granulator	1	1	1	1	1	
37.	Hand operated tablet punching machine	1	1	1	1	1	
38.	Tablet coating Pan unit with hot air blower laboratory size	1	1	1	1	1	
39.	Tablet polishing pan laboratory size	1	1	1	1	1	
40.	Dryer	1	1	1	1	1	
41.	Homogenizer	1	1	1	1	1	
42.	Pills making machine	1	1	1	1	1	
43.	End runner machine	1	1	1	1	1	
44.	Edge runner machine	1	1	1	1	1	
45.	Capsule filling machine	1	1	1	1	1	
46.	Double cone blender	1	1	1	1	1	

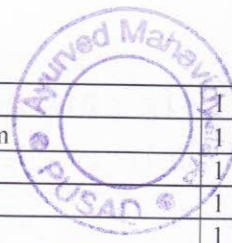
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47.	Liquid filling machine	1	1	1	1	1	
48.	Planetary mixer for ointment or cream	1	1	1	1	1	
49.	Soft gelatine capsule filling	1	1	1	1	1	
50.	Mechanised kharal- two or four arms	1	1	1	1	1	
51.	Chimney or air handling unit	1	1	1	1	1	
52.	Mohs hardness test kit	5	8	10	12	5	
53.	Hot air oven	1	1	1	1	1	
54.	Walkers steel yard (for specific gravity of minerals)	1	1	1	1	1	
55.	Automatic flask shaker	1	1	1	1	1	
56.	Water bath	1	1	1	1	1	
57.	Digital pH (per Hydrogen ion Concentration) meter	1	1	1	1	1	
58.	Tablet hardness tester	1	1	1	1	1	
59.	Muffle furnace 12 inches x 12 inches x 18 inches digital X maximum temp 1250°C with window (quartz) thermal image visor	1	1	2	2	1	
60.	Muffle furnace (ash content tester) x digital display x Maximum temp 900°C	1	1	2	2	1	
61.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2	1	
62.	Non-contact infrared thermocouple K- type	1	1	2	2	1	
63.	Thermocouple K-type	1	1	2	2	1	
64.	Desiccator glass	2	2	4	4	2	
65.	Desiccator with vacuum	1	1	2	2	1	
66.	Vacuum pump	1	1	2	2	1	
67.	Collapsible tube – filling and sealing equipment	1	1	1	1	1	
68.	Brass vessel					Available	
69.	Copper vessel					Available	
70.	Steel vessel					Available	
71.	Earthen vessels-pots					Available	
72.	Porcelain crucible					Available	
73.	Jars (porcelain) fermentation purpose					Available	
74.	Enamel trays					Available	
75.	Tray drier					Available	
76.	Hand grinding mill					Available	
77.	Pressure cooker					Available	
78.	Mearuning equipement's different size (glass)					Available	
79.	Pyrometer					Available	
80.	Thermometer					Available	
81.	Frying pan					Available	
82.	Steel vessel					Available	
83.	Spatula					Available	
84.	Ladles and spoons					Available	
85.	Knife					Available	
86.	Plates					Available	
87.	Samdamsa yantra (tongs)					Available	
88.	Sieves (assorted numbers and size)					Available	
89.	Kitchen aprons					Available	
90.	Steel trays					Available	
91.	Oven gloves					Available	
92.	Kadahi – iron					Available	
93.	Aluminium vessels					Available	
94.	Clay graphite silver melting crucible maximum temp 1500°C					Available	
95.	Crucible tongs 18 inches Stainless steel					Available	
96.	Ointment spatula					Available	
97.	Lipstick moulds						
98.	Specimens of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers	As required				Available	



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SCHEDULE XI

Minimum Essential Requirements for Quality Testing Laboratory

Serial number	Standard or item required	Minimum Equipment	Available Quantity	Deficiency
1.	Computer, internet, printer	1	1	
2.	Smart board or Liquid Crystal Display projector	1	0	
3.	Ultra-violet visible spectro photometer	1	1	
4.	Flame photometer	1	0	
5.	Digital pH (per Hydrogen ion Concentration) meter	1	1	
6.	Precision melting point apparatus	1	1	
7.	Distillation unit for distilled water	1	1	
8.	Moisture analyser balance	1	1	
9.	Orbital shaker	1	1	
10.	Laminar airflow	1	1	
11.	Mechanical stirrer with hot plate	1	1	
12.	Magnetic stirrer	1	1	
13.	Dissolution test apparatus	1	1	
14.	Tablet disintegration test apparatus	1	1	
15.	Monsanto's hardness tester	1	1	
16.	Pfizer type hardness tester	1	1	
17.	Tablet counter – small size	1	1	
18.	Bulk density apparatus	1	1	
19.	Friability test apparatus	1	1	
20.	Ostwald's viscometer	1	1	
21.	Refractometer	1	1	
22.	Analytical balance digital high precision (0.0001g – 220g)	1	1	
23.	Incubator	1	1	
24.	Clarity test apparatus	1	1	
25.	Humidity control oven	1	1	
26.	Karl Fischer apparatus	1	1	
27.	Sieve shaker	1	1	
28.	Graduating sieve set	1	1	
29.	Thermometer up to 110°C	2	2	
30.	Centrifuge	1	1	
31.	Filtration equipment	2	2	
32.	Water bath twelve holes	1	1	
33.	Suction pump	1	1	
34.	Sonicator	1	1	
35.	Heating mantle different capacity	2	2	
36.	Total Leucocyte Count chamber and sprayer	2	2	
37.	Clevenger's apparatus	1	1	
38.	Arsenic limit test apparatus	1	1	
39.	Adjustable volume micro pipette	2	2	
40.	Rotary evaporator apparatus	1	1	
41.	Soxhlet apparatus	2	2	
42.	Reflux flask with condenser single neck	1	1	
Glassware and consumable				
43.	Petri dish glass	As required	Available	

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44.	Petri dish polypropylene	As required	Available	
45.	Watch glass	As required	Available	
46.	Glass ware	As required	Available	
47.	Glass beaker- different capacity	As required	Available	
48.	Measuring flask different capacity	As required	Available	
49.	Volumetric flask different capacity	As required	Available	
50.	Graduated measuring cylinder	As required	Available	
51.	Buchner funnels small, medium, large	As required	Available	
52.	Burette	As required	Available	
53.	Nessler's cylinders	As required	Available	




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SCHEDULE XII-A (AS per MSR 2016)

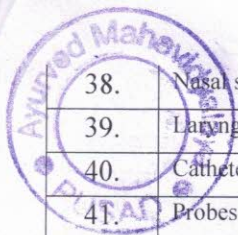
* Minimum Essential Requirements of Department of Roganidana and Vikriti Vijnana

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1.	Binocular microscope	Fifteen	Twenty-five	15	
2.	Microscope with oil immersion	Fifteen	Twenty-five	15	
3.	Monocular microscope with oil emersion lens20(e)	Fifteen	Twenty-five	15	
4.	X-ray view box	One	One	1	
5.	Sahli's Square tube	Thirty	Fifty	30	
6.	Hb pipette	Thirty	Fifty	30	
7.	WBC Pipette	Thirty	Fifty	30	
8.	Dropper	Thirty	Fifty	30	
9.	Red cell pipette	Thirty	Fifty	30	
10.	Improved Neubauer chamber	Thirty	Fifty	30	
11.	Incubator	One	Two	1	
12.	Wintrobe's tube	Thirty	Fifty	30	
13.	Pasteur's pipette	Thirty	Fifty	30	
14.	Centrifuge Graduated Machine	One	Two	1	
15.	Westregrens pipette	Thirty	Fifty	30	
16.	Westergrens's stand	Thirty	Fifty	30	
17.	Urinometer	Thirty	Fifty	30	
18.	Autoclave	One	One	1	
19.	Ultraviolet lamp	One	One	1	
20.	Cell counter (haemoautoanalyser)	One	One	1	
21.	BP Apparatus	Thirty	Fifty	30	
22.	Stethoscope	Thirty	Fifty	30	
23.	Thermometer	Thirty	Fifty	30	
24.	Tongue depressor	Thirty	Fifty	30	
25.	Stop watch	Thirty	Fifty	30	
General					
26.	Physical balance	One	One	1	
27.	Hot air oven	One	One	1	
28.	Bunsen burner	Thirty	Fifty	30	
29.	Refrigerator	One	One	1	
Miscellaneous					
30.	Sterile vessels/bottle to collect samples	Assorted	Assorted	Available	
31.	Torch	Assorted	Assorted	Available	
32.	Knee hammer	Assorted	Assorted	Available	
33.	Measuring Tape	Assorted	Assorted	Available	
34.	ENT examination set	Assorted	Assorted	Available	
35.	Reflectors (Mirrors)	Assorted	Assorted	Available	
36.	Weighing machine	One	One	1	
37.	Tuning Forks	Assorted	Assorted	Available	


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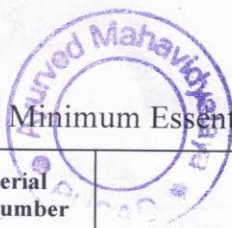
38.	Nasal speculum	Assorted	Assorted	Available	
39.	Laryngoscope	Assorted	Assorted	Available	
40.	Catheters	Assorted	Assorted	Available	
41.	Probes	Assorted	Assorted	Available	
42.	HBs Ag kit	Assorted	Assorted	Available	
43.	HIV kit - Tridot (method by T Mitra)	Assorted	Assorted	Available	
44.	CT and BT kit	Assorted	Assorted	Available	
45.	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Assorted	Assorted	Available	
46.	Sterile disposable lancet/needle	Assorted	Assorted	Available	
47.	Glass rod	Assorted	Assorted	Available	
48.	Syringe needle destroyer	Assorted	Assorted	Available	
49.	Cover slip	Assorted	Assorted	Available	
50.	Cleaned slides	Assorted	Assorted	Available	
51.	Litmus paper	Assorted	Assorted	Available	
52.	pH indicator paper strips	Assorted	Assorted	Available	
53.	Test tube	Assorted	Assorted	Available	
54.	Separating funnels of various sizes	Assorted	Assorted	Available	
55.	Glass Jars with lid of different sizes	Assorted	Assorted	Available	
56.	Capillary Tubes	Assorted	Assorted	Available	
57.	Rubber sheat	Assorted	Assorted	Available	
58.	Magnifying lens	Assorted	Assorted	Available	
59.	Water bath	Assorted	Assorted	Available	
60.	Multi stix	Assorted	Assorted	Available	


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SCHEDULE XII-B (As per MSR 2024)

Minimum Essential Requirements of Department of Roganidana and Vikriti Vijnana

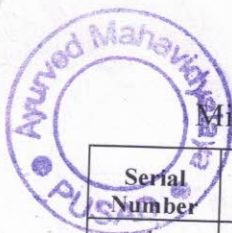
Serial number	Specification	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	2	2		1
Roganidana Laboratory							
4.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	1	1	1	1	1	
5.	Microscope (binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded), built-in illumination)	5	10	15	20	5	
6.	Bio chemistry analyser	1	1	1	1	1	
7.	Cell counter (haematology)	1	1	1	1	1	
8.	Digital spirometry	1	1	1	1		
9.	Electrocardiogram	2	4	6	8	2	
10.	Enzyme linked immune-sorbant assay reader	1	1	2	2	1	
11.	X-ray view box	2	2	2	2	2	
12.	Blood pressure apparatus- non mercury	As required				Available	
13.	Stethoscope	As required				Available	
14.	Clinical thermometer	As required				Available	
15.	Tongue depressor	As required				Available	
16.	Knee hammer	As required				Available	
17.	Measuring tape	As required				Available	
18.	Ear nose throat examination set	As required				Available	
19.	Weighing scale	As required				Available	
20.	Tuning forks	As required				Available	
21.	Nasal speculum	As required				Available	
22.	Laryngoscope	As required				Available	
Consumables							
23.	Hepatitis-B antigen kit	As required				Available	
24.	Human immunodeficiency virus kit-Tridot	As required				Available	
25.	Clotting time and Bleeding time kit	As required				Available	
26.	Renal profile, Liver function test kit, lipid profile, blood sugar kit, electrolytes	As required				Available	
27.	Sterile disposable lancet or needle	As required				Available	
28.	Glass rods	As required				Available	
29.	Syringe needle destroyer	As required				Available	
30.	Cover slip	As required				Available	
31.	Microscopic slides	As required				Available	


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SCHEDULE XIII

Minimum essential requirements for department of Agada Tantra

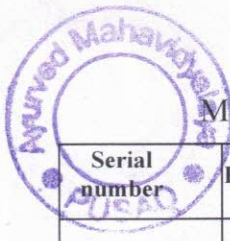
Serial Number	Specified	Minimum requirement	Available Quantity	Deficiency
1.	Computer with internet	1	1	
2.	Printer	1	1	
3.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	
Agada Laboratory cum Museum				
4.	Beakers-fifty millilitre	As required	Available	
5.	Test Tubes-ten millilitre	As required	Available	
6.	Test tube holders	As required	Available	
7.	Gas or electric burner	As required	Available	
8.	Petri-dish	As required	Available	
9.	Stirrer	As required	Available	
10.	Red litmus paper	As required	Available	
Chemicals				
11.	Hydrochloric acid	As required	Available	
12.	Sulphuric acid	As required	Available	
13.	Iodine solution (aqueous)	As required	Available	
14.	Absolute alcohol	As required	Available	
Specimens				
15.	Weapons	As required	Available	
16.	Poisons snakes	As required	Available	
17.	Non-poisons snakes	As required	Available	
18.	Poisons herbs and minerals	As required	Available	


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SCHEDULE XIV

Minimum essential requirements for Swasthavritta department

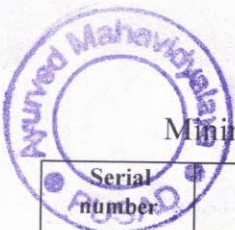
Serial number	Equipment name	Requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-display (smart board or smart television or light emitting diodes display)	1	1	2	2		1
Nutrition laboratory							
4.	Digital weighing scale	1	1	2	2	1	
5.	Kjheldahl system (digestion unit plus distillation unit)	1	1	2	2	1	
6.	Digital muffle furnaces	1	1	2	2	1	
7.	Soxhlet fat extraction system	1	1	2	2	1	
8.	Abbe's digital refractometer	1	1	1	1	1	
9.	Flame photometer	1	1	1	1	1	
10.	Hot air oven	1	1	2	2	1	
11.	Refrigerator	1	1	1	1	1	
12.	Water bath	2	2	4	4	2	
13.	Grinder	2	2	4	4	2	
14.	Magnetic stirrer	2	2	4	4	2	
15.	Hot plate	2	2	4	4	2	
16.	Digital pH (per Hydrogen ion Concentration) meter	2	2	4	4	2	
17.	Vacuum filter system	1	1	1	1	1	
18.	Sonicator	1	1	1	1	1	
19.	Fume hood	1	1	1	1	1	
20.	Desiccator	1	1	1	1	1	
21.	Vortex mixer	2	4	6	8	2	
22.	Viscometer	1	2	3	4	1	
23.	Refrigerated centrifuge	1	1	1	1	1	
24.	Digital polarimeter	1	1	1	1	1	
25.	Burette	Assorted				Available	
26.	Glass pipette	Assorted				Available	
27.	Micropipette (different capacities)	five for each capacity				5	
28.	Heating mantle (different capacities)	five for each capacity				5	


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SCHEDULE XV

Minimum essential requirement for YOGYA clinical skill laboratory

Serial number	Name of the mannequin or simulator	Required number	Available Quantity	Deficiency
1.	Computer, internet with printer	1	1	
Basic Simulators common to all departments				
2.	BLS (Basic Life Support) and ALS (Advance Life Support)	05 each	5	
First Professional Subjects				
Kriya Shaira				
3.	Chest auscultation trainer-(Basic)	05	5	
4.	ECG (electro cardio gram) trainer	05	5	
Second professional subjects				
Roganidana				
5.	Nursing trainer for decubitus	02	2	
6.	Chest auscultation trainer (advance)	03	3	
7.	Spirometry	05	5	
8.	Blood sampling trainer	05	5	
Agadatantra				
9.	Documentation and certification of trauma	05	5	
10.	Diagnosis and certification of death	05	5	
11.	Legal documentation related to emergency cases	05	5	
12.	Certification of medico legal cases (for example- age estimation, sexual assault)	05	5	
13.	Establishing communication in medico legal cases with police, public health authorities, other concerned departments	05	5	
14.	Stomach wash trainer	02	2	
Third professional subjects				
Kayachikitsa				
15.	Cardiopulmonary resuscitation trainer	05	5	
16.	Flatus tube insertion and Enema trainer (same to be used for basti administration)	05	5	
17.	Injections (intra-muscular, intra-venous, intra-dermal, subcutaneous, intra- arterial, intra-articular and intra-cardiac)	10	10	
18.	Aerosol therapy or nebulization	05	5	
19.	Setting up intra-venous infusion and calculation of drip rate – basic life support	05	5	
20.	Oxygen therapy	05		
21.	Abdominal examination simulator	03	3	
Shalya Tantra				
22.	Ryle's tube insertion trainer	02	2	
23.	Pleural and ascitic aspiration trainer	02	2	
24.	Flatus tube insertion to be used for per rectal matra basti	02	2	
25.	Early management of trauma and trauma life support	1	1	
26.	Blood transfusion	05	5	
27.	Urinary catheterization – male (same to be used for uttara basti)	05	5	

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28.	Urinary catheterization – female (same to be used for intra vesicle uttara basti)	05	5	
29.	Cautery – chemical and thermal or electrical	05	5	
30.	Basic incision and suture trainer	05	5	
31.	Basic wound care	02	2	
32.	Basic bandaging including compression bandage	02	2	
33.	Incision and drainage trainer	05	5	
34.	Basic fracture and dislocation management trainer	02	2	
35.	Examination of breast lump	05	5	
36.	Examination of swelling	05	5	
37.	Per-rectal and Prostate examination trainer	02	2	
Prasuti and Streeroga				
38.	Per speculum and per vaginal examination trainer	02	2	
39.	Intra uterine contraceptive device insertion and removal trainer	05	5	
40.	Episiotomy trainer	05	5	
41.	Normal labour and delivery (including partogram)	01	2	
42.	Intra uterine insemination trainer (same to be used for intra uterine uttara basti)	05	5	
43.	Obstetric examination trainer	02	2	
44.	Visual inspection of cervix	05	5	
Shalakya Tantra				
45.	Otoscopy	05	5	
46.	Visual acuity testing	05	5	
47.	Digital tonometry	02	2	
48.	Epilation	05	5	
49.	Eye irrigation	05	5	
50.	Instillation of eye medication	05	5	
51.	Ocular bandaging	02	22	
52.	Anterior and posterior nasal packing trainer	02		
53.	Foreign body removal training	As required	Available	
54.	Mannequin head (3D model) for training Tarpana	05	5	
Kaumarabhritya				
55.	Exchange transfusion	01	1	
56.	Neonatal resuscitation	05	5	
57.	Umbilical cord catheterization	01	1	
58.	Setting up paediatric intra-venous infusion and calculating drip rate	05	5	
59.	Paediatric injection trainer	05	5	
Panchakarma				
60.	Full body mannequin (for demonstration of abhyanga, udvartana, utsadana, lepa, patrapottali sweda ans sthanikabasti)	05	5	
61.	Enema trainer for basti administration	05	5	
62.	Catheterization (male and female) for uttara basti	Each 05	5	
Note: mannequins and simulators though required for multiple departments, mentioned here under only one department to avoid duplication. As per the requirement all facilities shall be open to all departments for teaching and training purpose.				

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