

SCHEDULE X

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

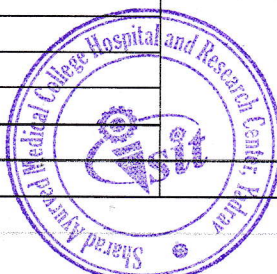
Serial number	Standard or item required	Minimum requirement as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	NA	
2.	Printer	1	1	1	1		
3.	Electronic-Display (Smart board or smart television or light emitting diodes display)	1	1	2	2		
Teaching pharmacy cum museum							
4.	Khalva yantra - small	10	15	20	25		
5.	Khalva yantra - medium	10	15	20	25		
6.	Khalva yantra - porcelain (different sizes)	10	15	20	25		
7.	Taptakhalva yantra	3	5	8	10		
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10		
9.	Pestle and mortar glass	2	2	5	5		
10.	Putas (different kind)	3	3	5	8		
11.	Koshti with blower	2	4	6	8		
12.	Moosha (crucibles)	30	30	50	50		
13.	Dola yantra	1	1	1	1		
14.	Valuka yantra	1	1	1	1		
15.	Pithara yantra	1	1	1	1		
16.	Bhudhara yantra	1	1	1	1		
17.	Distillation apparatus and arka yantra	1	1	1	1		
18.	Kupipakva bhatti	1	1	1	1		
19.	Digital balance	1	1	1	1		
20.	Bottle sealing machine	1	1	1	1		
21.	Sealing machine	1	1	1	1		
22.	Filling machine	1	1	1	1		
23.	Distillation apparatus glass or Ark yantra one litre	2	2	4	4		
24.	Wet grinder	1	1	1	1		
25.	Mixer or grinder	1	1	1	1		
26.	Juice extractor	1	1	1	1		
27.	Ball mill (Stainless steel balls)	1	1	1	1		
28.	Tincture press	1	1	1	1		
29.	Refrigerator	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		
32.	Gas stoves	1	1	1	1		
33.	Hot plate	1	1	1	1		
34.	Chulla (charcoal)	1	1	1	1		
35.	Pulveriser	1	1	1	1		
36.	Granulator	1	1	1	1		
37.	Hand operated tablet punching machine	1	1	1	1		
38.	Tablet coating Pan unit with hot air blower laboratory size	1	1	1	1		
39.	Tablet polishing pan laboratory size	1	1	1	1		

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40.	Dryer	1	1	1	1		
41.	Homogenizer	1	1	1	1		
42.	Pills making machine	1	1	1	1		
43.	End runner machine	1	1	1	1		
44.	Edge runner machine	1	1	1	1		
45.	Capsule filling machine	1	1	1	1		
46.	Double cone blender	1	1	1	1		
47.	Liquid filling machine	1	1	1	1		
48.	Planetary mixer for ointment or cream	1	1	1	1		
49.	Soft gelatine capsule filling	1	1	1	1		
50.	Mechanised kharal- two or four arms	1	1	1	1		
51.	Chimney or air handling unit	1	1	1	1		
52.	Mohs hardness test kit	5	8	10	12		
53.	Hot air oven	1	1	1	1		
54.	Walkers steel yard (for specific gravity of minerals)	1	1	1	1		
55.	Automatic flask shaker	1	1	1	1		
56.	Water bath	1	1	1	1		
57.	Digital pH (per Hydrogen ion Concentration) meter	1	1	1	1		
58.	Tablet hardness tester	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		
60.	Muffle furnace (ash content tester) x digital display x Maximum temp 900°C	1	1	2	2		
61.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2		
62.	Non-contact infrared thermocouple K- type	1	1	2	2		
63.	Thermocouple K-type	1	1	2	2		
64.	Desiccator glass	2	2	4	4		
65.	Desiccator with vacuum	1	1	2	2		
66.	Vacuum pump	1	1	2	2		
67.	Collapsible tube -filling and sealing equipment	1	1	1	1		
68.	Brass vessel	Assorted					
69.	Copper vessel						
70.	Steel vessel						
71.	Earthen vessels-pots						
72.	Porcelain crucible						
73.	Jars (porcelain) fermentation purpose						
74.	Enamel trays						
75.	Tray drier						
76.	Hand grinding mill						
77.	Pressure cooker						
78.	Mearuning equipment's different size (glass)						
79.	Pyrometer						
80.	Thermometer						
81.	Frying pan						
82.	Steel vessel						
83.	Spatula						
84.	Ladles and spoons						
85.	Knife						



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86.	Plates		
87.	Samdamsa yantra (tongs)		
88.	Sieves (assorted numbers and size)		
89.	Kitchen aprons		
90.	Steel trays		
91.	Oven gloves		
92.	Kadahi – iron		
93.	Aluminium vessels		
94.	Clay graphite silver melting crucible maximum temp 1500°C		
95.	Crucible tongs 18 inches Stainless steel		
96.	Ointment spatula		
97.	Lipstick moulds		
98.	Specimens of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers	As required	



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