

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	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	
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	10	
7.	Taptakhalva yantra	3	5	8	10	3	
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	3	
9.	Pestle and mortar glass	2	2	5	5	2	
10.	Putas (different kind)	3	3	5	8	3	
11.	Koshti with blower	2	4	6	8	2	
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 (Manual / Automic)	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)(As Desirable					
28.	Tincture press	1	1	1	1	1	
29.	Refrigerator	1	1	1	1	1	
30.	Amirah and racks for storage	As required				Available	
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 (Lab Model)	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	As Desirable				Desirable																																																													
43.	End runner machine	As Desirable				Desirable																																																													
44.	Edge runner machine	As Desirable				Desirable																																																													
45.	Capsule filling machine	As Desirable				Desirable																																																													
46.	Double cone blender	As Desirable				Desirable																																																													
47.	Liquid filling machine	As Desirable				Desirable																																																													
48.	Planetary mixer (Lab Model)for ointment or cream	1	1	1	1	1																																																													
49.	Mechanised kharal- two or four arms	As Desirable																																																																	
50.	Chimney or air handling unit	As Desirable																																																																	
51.	Mohs hardness test kit	5	8	10	12	5																																																													
52.	Hot air oven	1	1	1	1	1																																																													
53.	Walkers steel yard (for specific gravity of minerals)	As Desirable																																																																	
54.	Automatic flask shaker	1	1	1	1	1																																																													
55.	Water bath	1	1	1	1	1																																																													
56.	Digital pH (per Hydrogen ion Concentration) meter	1	1	1	1	1																																																													
57.	Tablet hardness tester	1	1	1	1	1																																																													
58.	Muffle furnace (Horizontal) 12 inches x 12 inches x 18 inches digital x maximum temp 1250°C.	1	1	2	2	1																																																													
59.	Muffle furnace (Horizontal) (ash content tester) x digital display x maximum temp 900°C	1	1	2	2	1																																																													
60.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2	1																																																													
61.	Non-contact infrared thermocouple K- type	1	1	2	2	1																																																													
62.	Thermocouple K-type	1	1	2	2	1																																																													
63.	Desiccator glass	As Desirable				Desirable																																																													
64.	Desiccator with vacuum	As Desirable				Desirable																																																													
65.	Vacuum pump	As Desirable				Desirable																																																													
66.	Collapsible tube – filling and sealing equipment	As Desirable				Desirable																																																													
67.	Brass vessel	Assorted				Assorted																																																													
68.	Copper vessel					Assorted				Assorted																																																									
69.	Steel vessel									Assorted				Assorted																																																					
70.	Earthen vessels-pots													Assorted				Assorted																																																	
71.	Porcelain crucible																	Assorted				Assorted																																													
72.	Jars (porcelain) fermentation purpose																					Assorted				Assorted																																									
73.	Enamel trays																									Assorted				Assorted																																					
74.	Tray drier																													Assorted				Assorted																																	
75.	Hand grinding mill																																	Assorted				Assorted																													
76.	Pressure cooker																																					Assorted				Assorted																									
77.	Mearuning equipement's different size (glass)																																									Assorted				Assorted																					
78.	Pyrometer																																													Assorted				Assorted																	
79.	Thermometer																																																	Assorted				Assorted													
80.	Frying pan																																																					Assorted				Assorted									
81.	Steel vessel																																																									Assorted				Assorted					
82.	Spatula																																																													Assorted				Assorted	
83.	Ladles and spoons																																																																	Assorted	
84.	Knife	Assorted																																																																	
85.	Plates					Assorted																																																													
86.	Samdamsa yantra (tongs)									Assorted																																																									
87.	Sieves (assorted numbers and size)													Assorted																																																					

88.	Kitchen aprons		Assorted	
89.	Steel trays		Assorted	
90.	Oven gloves		Assorted	
91.	Kadahi - iron		Assorted	
92.	Aluminium vessels		Assorted	
93.	Clay graphite silver melting crucible maximum temp 1500°C		Assorted	
94.	Crucible tongs 18 inches Stainless steel		Assorted	
95.	Ointment spatula		Assorted	
96.	Lipstick moulds		Assorted	
97.	Specimens of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers	As required	Available	




Principal
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