


## 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	2	-
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	20	-
5.	Khalva yantra - medium	10	15	20	25	20	-
6.	Khalva yantra - porcelain (different sizes)	10	15	20	25	20	-
7.	Taptakhalva yantra	3	5	8	10	05	-
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	13	-
9.	Pestle and mortar glass	2	2	5	5	2	-
10.	Putas (different kind)	3	3	5	8	10	-
11.	Koshti with blower	2	4	6	8	4	-
12.	Moosha (crucibles)	30	30	50	50	50	-
13.	Dola yantra	1	1	1	1	5	-
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	6	-
18.	Kupipakva bhatti	1	1	1	1	1	-
19.	Digital balance	1	1	1	1	2	-
20.	Bottle sealing machine (Manual / Automatic)	1	1	1	1	-	In process
21.	Sealing machine	1	1	1	1	-	In process
22.	Filling machine	1	1	1	1	-	In process
23.	Distillation apparatus glass or Ark yantra one litre	2	2	4	4	1	-
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				1	-
28.	Tincture press	1	1	1	1	1	-
29.	Refrigerator	1	1	1	1	1	-
30.	Amirah and racks for storage	As required				Adequate	-
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	2	-
32.	Gas stoves	1	1	1	1	9	-
33.	Hot plate	1	1	1	1	1	-
34.	Chulla (charcoal)	1	1	1	1	1	-
35.	Pulveriser (Lab Model)	1	1	1	1	-	In process
36.	Granulator	1	1	1	1	-	In process
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	-

  
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39.	Tablet polishing pan laboratory size	1	1	1	1	1	-
40.	Dryer	1	1	1	1	-	In process
41.	Homogenizer	1	1	1	1	-	In process
42.	Pills making machine	As Desirable				-	In process
43.	End runner machine	As Desirable				1	-
44.	Edge runner machine	As Desirable				1	-
45.	Capsule filling machine	As Desirable				1	-
46.	Double cone blender	As Desirable				-	In process
47.	Liquid filling machine	As Desirable				-	In process
48.	Planetary mixer (Lab Model)for ointment or cream	1	1	1	1	-	In process
49.	Mechanised kharal- two or four arms	As Desirable				-	In process
50.	Chimney or air handling unit	As Desirable				-	In process
51.	Mohs hardness test kit	5	8	10	12	1	
52.	Hot air oven	1	1	1	1	1	
53.	Walkers steel yard (for specific gravity of minerals)	As Desirable				-	In process
54.	Automatic flask shaker	1	1	1	1	-	In process
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	-	In process
61.	Non-contact infrared thermocouple K- type	1	1	2	2	-	In process
62.	Thermocouple K-type	1	1	2	2	-	In process
63.	Desiccator glass	As Desirable				1	
64.	Desiccator with vacuum	As Desirable				-	In process
65.	Vacuum pump	As Desirable				1	
66.	Collapsible tube - filling and sealing equipment	As Desirable				1	
67.	Brass vessel	Assorted				2	-
68.	Copper vessel					1	--
69.	Steel vessel					8	-
70.	Earthen vessels-pots					4	-
71.	Porcelain crucible					50	-
72.	Jars (porcelain) fermentation purpose					4	-
73.	Enamel trays					4	-
74.	Tray drier					4	-
75.	Hand grinding mill					-	-
76.	Pressure cooker					1	-
77.	Mearuning equipement's different size (glass)					10	
78.	Pyrometer					1	-
79.	Thermometer					1	-
80.	Frying pan					2	-
81.	Steel vessel					30	-
82.	Spatula					20	-
83.	Ladles and spoons					20	-
84.	Knife					2	-
85.	Plates	30	-				
86.	Samdamsa yantra (tongs)	15	-				

  
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87.	Sieves (assorted numbers and size)		4	-
88.	Kitchen aprons		4	-
89.	Steel trays		-	-
90.	Oven gloves		-	-
91.	Kadahi - iron		20	-
92.	Aluminium vessels		10	-
93.	Clay graphite silver melting crucible maximum temp 1500°C		50	-
94.	Crucible tongs 18 inches Stainless steel		-	-
95.	Ointment spatula		-	-
96.	Lipstick moulds		-	-
97.	Specimens of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers	As required	Adequate	-

  
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