

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	15	
5.	Khalva yantra - medium	10	15	20	25	15	
6.	Khalva yantra - porcelain (different sizes)	10	15	20	25	15	
7.	Taptakhalva yantra	3	5	8	10	5	
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	5	
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	4	
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					
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	

Signature of Member

Signature of Member

Signature of Chairman

40.	Dryer	1	1	1	1	1	
41.	Homogenizer	1	1	1	1	1	
42.	Pills making machine	As Desirable					
43.	End runner machine	As Desirable					
44.	Edge runner machine	As Desirable					
45.	Capsule filling machine	As Desirable					
46.	Double cone blender	As Desirable					
47.	Liquid filling machine	As 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	8	
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					
64.	Desiccator with vacuum	As Desirable					
65.	Vacuum pump	As Desirable					
66.	Collapsible tube –filling and sealing equipment	As Desirable					
67.	Brass vessel	Assorted					
68.	Copper vessel						
69.	Steel vessel						
70.	Earthen vessels-pots						
71.	Porcelain crucible						
72.	Jars (porcelain) fermentation purpose						
73.	Enamel trays						
74.	Tray drier						
75.	Hand grinding mill						
76.	Pressure cooker						
77.	Mearuning equipement’s different size (glass)						
78.	Pyrometer						
79.	Thermometer						
80.	Frying pan						
81.	Steel vessel						
82.	Spatula						
83.	Ladles and spoons						
84.	Knife						
85.	Plates						

86.	Samdamsa yantra (tongs)		
87.	Sieves (assorted numbers and size)		
88.	Kitchen aprons		
89.	Steel trays		
90.	Oven gloves		
91.	Kadahi – iron		
92.	Aluminium vessels		
93.	Clay graphite silver melting crucible maximum temp 1500 ⁰ C		
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	



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