

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	

40.	Dryer	1	1	1	1	1	
41.	Homogenizer	1	1	1	1	1	
42.	Pills making machine	As Desirable				Available	
43.	End runner machine	As Desirable				Available	
44.	Edge runner machine	As Desirable				Available	
45.	Capsule filling machine	As Desirable				Available	
46.	Double cone blender	As Desirable				Available	
47.	Liquid filling machine	As Desirable				Available	
48.	Planetary mixer (Lab Model) for ointment or cream	1	1	1	1	1	
49.	Mechanised kharal- two or four arms	As Desirable				Available	
50.	Chimney or air handling unit	As Desirable				Available	
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				Available	
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				Available	
64.	Desiccator with vacuum	As Desirable				Available	
65.	Vacuum pump	As Desirable				Available	
66.	Collapsible tube -filling and sealing equipment	As Desirable				Available	
67.	Brass vessel	Assorted				Available	
68.	Copper vessel					Available	
69.	Steel vessel					Available	
70.	Earthen vessels-pots					Available	
71.	Porcelain crucible					Available	
72.	Jars (porcelain) fermentation purpose					Available	
73.	Enamel trays					Available	
74.	Tray drier					Available	
75.	Hand grinding mill					Available	
76.	Pressure cooker					Available	
77.	Mearuning equipment's different size (glass)					Available	
78.	Pyrometer					Available	
79.	Thermometer					Available	
80.	Frying pan					Available	
81.	Steel vessel					Available	
82.	Spatula					Available	
83.	Ladles and spoons					Available	
84.	Knife	Available					
85.	Plates	Available					

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

