

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	01	
2.	Printer	1	1	1	1	01	
3.	Electronic-Display (Smart board or smart television or light emitting diodes display)	1	1	2	2	01	
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	03	
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	06	
9.	Pestle and mortar glass	2	2	5	5	02	
10.	Putas (different kind)	3	3	5	8	03	
11.	Koshti with blower	2	4	6	8	02	
12.	Moosha (crucibles)	30	30	50	50	30	
13.	Dola yantra	1	1	1	1	01	
14.	Valuka yantra	1	1	1	1	01	
15.	Pithara yantra	1	1	1	1	01	
16.	Bhudhara yantra	1	1	1	1	01	
17.	Distillation apparatus and arka yantra	1	1	1	1	01	
18.	Kupipakva bhatti	1	1	1	1	01	
19.	Digital balance	1	1	1	1	01	
20.	Bottle sealing machine (Manual / Automatic)	1	1	1	1	01	
21.	Sealing machine	1	1	1	1	01	
22.	Filling machine	1	1	1	1	01	
23.	Distillation apparatus glass or Ark yantra one litre	2	2	4	4	02	
24.	Wet grinder	1	1	1	1	01	
25.	Mixer or grinder	1	1	1	1	02	
26.	Juice extractor	1	1	1	1	01	
27.	Ball mill (Stainless steel balls)	As Desirable				01	
28.	Tincture press	1	1	1	1	01	
29.	Refrigerator	1	1	1	1	01	
30.	Almirah 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	03	
32.	Gas stoves	1	1	1	1	10	
33.	Hot plate	1	1	1	1	01	
34.	Chulla (charcoal)	1	1	1	1	10	
35.	Pulveriser (Lab Model)	1	1	1	1	01	



36.	Granulator	1	1	1	1	01	
37.	Hand operated tablet punching machine	1	1	1	1	01	
38.	Tablet coating Pan unit with hot air blower laboratory size	1	1	1	1	01	
39.	Tablet polishing pan laboratory size	1	1	1	1	01	
40.	Dryer	1	1	1	1	01	
41.	Homogenizer	1	1	1	1	01	
42.	Pills making machine	As Desirable				01	
43.	End runner machine	As Desirable				01	
44.	Edge runner machine	As Desirable				01	
45.	Capsule filling machine	As Desirable				01	
46.	Double cone blender	As Desirable				01	
47.	Liquid filling machine	As Desirable				01	
48.	Planetary mixer (Lab Model) for ointment or cream	1	1	1	1	01	
49.	Mechanised kharal- two or four arms	As Desirable				01	
50.	Chimney or air handling unit	As Desirable				01	
51.	Mohs hardness test kit	5	8	10	12	05	
52.	Hot air oven	1	1	1	1	01	
53.	Walkers steel yard (for specific gravity of minerals)	As Desirable				01	
54.	Automatic flask shaker	1	1	1	1	01	
55.	Water bath	1	1	1	1	01	
56.	Digital pH (per Hydrogen Ion Concentration) meter	1	1	1	1	01	
57.	Tablet hardness tester	1	1	1	1	01	
58.	Muffle furnace (Horizontal) 12 inches x 12 inches x 18 inches digital x maximum temp 1250°C.	1	1	2	2	01	
59.	Muffle furnace (Horizontal) (ash content tester) x digital display x maximum temp 900°C	1	1	2	2	01	
60.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2	01	
61.	Non-contact infrared thermocouple K- type	1	1	2	2	01	
62.	Thermocouple K-type	1	1	2	2	01	
63.	Desiccator glass	As Desirable				01	
64.	Desiccator with vacuum	As Desirable				01	
65.	Vacuum pump	As Desirable				01	
66.	Collapsible tube - filling and sealing equipment	As Desirable				01	
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	Assorted	Available	
77.	Measuring 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	Assorted	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	

