

## 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	03	
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 / Automic)	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	01	
26.	Juice extractor	1	1	1	1	01	
27.	Ball mill (Stainless steel balls)	As Desirable					
28.	Tincture press	1	1	1	1	01	
29.	Refrigerator	1	1	1	1	01	
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	Available	
32.	Gas stoves	1	1	1	1	01	
33.	Hot plate	1	1	1	1	01	
34.	Chulla (charcoal)	1	1	1	1	01	
35.	Pulveriser (Lab Model)	1	1	1	1	01	
36.	Granulator	1	1	1	1	01	

Signature of Member

Signature of Member

Signature of Chairman

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					
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					
50.	Chimney or air handling unit	As Desirable				01	
51.	Mohs hardness test kit	5	8	10	12	02	
52.	Hot air oven	1	1	1	1	01	
53.	Walkers steel yard (for specific gravity of minerals)	As Desirable					
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	02	
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					
64.	Desiccator with vacuum	As Desirable					
65.	Vacuum pump	As Desirable					
66.	Collapsible tube – filling and sealing equipment	As Desirable					
67.	Brass vessel	Assorted				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)						

Signature of Member

Signature of Member

Signature of Chairman

78.	Pyrometer	Assorted	Assorted	
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°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	Available	



  
**Principal**  
 Sawkar Ayurvedic Medical College &  
 Sawkar Ayurvedic Hospital, Satara

Signature of Member

Signature of Member

Signature of Chairman