

SCHEDULE X-B (AS per MSR 2024)

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	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	3	
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	3	
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	2	
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/Automatic)	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	2	
25.	Mixer or grinder	1	1	1	1	1	
26.	Juice extractor	1	1	1	1	1	
27.	Ball mill (Stainless steel balls)	1	1	1	1	1	
28.	Tincture press	1	1	1	1	1	
29.	Refrigerator	1	1	1	1	1	
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	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	1	1	1	1	1		
43.	End runner machine	1	1	1	1	1		
44.	Edge runner machine	1	1	1	1	1		
45.	Capsule filling machine	1	1	1	1	1		
46.	Double cone blender	1	1	1	1	1		
47.	Liquid filling machine	1	1	1	1	1		
48.	Planetary mixer(Lab model) for ointment or cream	1	1	1	1	1		
49.	Soft gelatine capsule filling	1	1	1	1	1		
50.	Mechanised kharal- two or four arms	1	1	1	1	1		
51.	Chimney or air handling unit	1	1	1	1	1		
52.	Mohs hardness test kit	5	8	10	12	5		
53.	Hot air oven	1	1	1	1	1		
54.	Walkers steel yard (for specific gravity of minerals)	1	1	1	1	1		
55.	Automatic flask shaker	1	1	1	1	1		
56.	Water bath	1	1	1	1	1		
57.	Digital pH (per Hydrogen ion Concentration) meter	1	1	1	1	1		
58.	Tablet hardness tester	1	1	1	1	1		
59.	Muffle furnace 12 inches x 12 inches x 18 inches digital X maximum temp 1250°C with window (quartz) thermal image tester	1	1	2	2	1		
60.	Muffle furnace (Horizontal)(Ash content tester) x digital display x Maximum temp 900°C	1	1	2	2	1		
61.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2	1		
62.	Non-contact infrared thermocouple K- type	1	1	2	2	1		
63.	Thermocouple K-type	1	1	2	2	1		
64.	Desiccator glass	2	2	4	4	2		
65.	Desiccator with vacuum	1	1	2	2	1		
66.	Vacuum pump	1	1	2	2	1		
67.	Collapsible tube -filling and sealing equipment	1	1	1	1	1		
68.	Brass vessel	Assorted					Available	
69.	Copper vessel						Available	
70.	Steel vessel						Available	
71.	Earthen vessels-pots						Available	
72.	Porcelain crucible						Available	
73.	Jars (porcelain) fermentation purpose						Available	
74.	Enamel trays						Available	
75.	Tray drier						Available	
76.	Hand grinding mill						Available	
77.	Pressure cooker						Available	
78.	Mearuning equipement's different size (glass)						Available	
79.	Pyrometer						Available	
80.	Thermometer						Available	
81.	Frying pan						Available	
82.	Steel vessel						Available	
83.	Spatula	Available						

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




PRINCIPAL
 Matoshri Ayurved College,
 Eklahare, Nashik