

**SCHEDULE X-A (AS per MSR 2016)**

\* Minimum essential requirements for department of Rasashastra and  
Bhaishajya kalpana including teaching pharmacy

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
<b>Essential</b>					
<b>1</b>	<b>KhalvaYantra-</b>				
a)	Small	Ten			
b)	Medium	Ten			
c)	Porcelain	Ten			
d)	Taptakhalvyantra	Two			
<b>2</b>	Pounding Apparatus (UlukhalaYantra)	Ten			
<b>3</b>	Putas (Different kind)	Five			
<b>4</b>	Moosha (Crucibles)	Thirty			
<b>5</b>	Koshti with Blower	Two			
<b>6</b>	<b>Yantras</b>				
a)	DolaYantra	One			
b)	ValukaYantra	One			
c)	PitharaYantra	One			
d)	BhudharaYantra etc.	One			
<b>7</b>	Distillation Apparatus and ArkaYantra	Three			
<b>8</b>	Kupipakva Bhatti	One			
<b>General</b>					
<b>9</b>	Wet Grinder	One			
<b>10</b>	Mixi	One			
<b>11</b>	Juice Extractor	One			
<b>12</b>	Refrigerator	One			
<b>13</b>	Almiras and Racks for storage	Assorted			
<b>14</b>	<b>Balance (Different Capacities)</b>				
a)	Physical	One			
b)	Chemical	One			
c)	Electronic Balance	One			
<b>15</b>	<b>Heating Device-</b>				
a)	Gas Stove	Assorted			
b)	Hot plate	Assorted			
c)	Chulla (Charcoal)	Assorted			
<b>16</b>	<b>Big Vessels and Containers-</b>				
a)	Brass	Assorted			
b)	Copper	Assorted			
c)	Steel etc.	Assorted			
d)	Earthen Vessels-Pots	Assorted			
<b>Miscellaneous</b>					
<b>17</b>	Jars(Porcelain) Fermentation Purpose	Assorted			
<b>18</b>	Enamel Trays	Assorted			
<b>19</b>	Spirit Lamp	Assorted			
<b>20</b>	Pressure Cooker	Assorted			





Dr. N.Y. Tasgaonkar Educational Complex, Village Chandhai, Bhivpuri Road Station, Tal-Karjat, Dist-Raigad, 410201  
Email : contact.vntam@tasgaonkartech.com, Web : www.vtayurveda.com

21	Measuring Equipments	Assorted		
22	Pyrometer	Assorted		
23	Thermometer	Assorted		
24	<b>Vessels</b>			
a)	Frying Pan	Assorted		
b)	Steel Vessel	Assorted		
c)	Spatula	Assorted		
d)	Ladles and Spoons	Assorted		
e)	Knife	Assorted		
f)	Plates	Assorted		
g)	Samdamsa Yantra(Tongs)	Assorted		
25	Sieves (Assorted Nos. and Size)	Assorted		



**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					
2.	Printer	1					
3.	Electronic-Display (Smart board or smart television or light emitting diodes display)	1					
Teaching pharmacy cum museum							
4.	Khalva yantra - small	10					
5.	Khalva yantra - medium	10					
6.	Khalva yantra - porcelain (different sizes)	10					
7.	Taptakhalva yantra	3					
8.	Pounding apparatus (ulukhala yantra)	3					
9.	Pestle and mortar glass	2					
10.	Putas (different kind)	3					
11.	Koshti with blower	2					
12.	Moosha (crucibles)	30					
13.	Dola yantra	1					
14.	Valuka yantra	1					
15.	Pithara yantra	1					
16.	Bhudhara yantra	1					
17.	Distillation apparatus and arka yantra	1					
18.	Kupipakva bhatti	1					
19.	Digital balance	1					
20.	Bottle sealing machine	1					
21.	Sealing machine	1					
22.	Filling machine	1					
23.	Distillation apparatus glass or Ark yantra one litre	2					
24.	Wet grinder	1					
25.	Mixer or grinder	1					
26.	Juice extractor	1					
27.	Ball mill (Stainless steel balls)	1					
28.	Tincture press	1					
29.	Refrigerator	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					
32.	Gas stoves	1					
33.	Hot plate	1					
34.	Chulla (charcoal)	1					
35.	Pulveriser	1					
36.	Granulator	1					
37.	Hand operated tablet punching machine	1					
38.	Tablet coating Pan unit with hot air blower laboratory size	1					
39.	Tablet polishing pan laboratory size	1					
40.	Dryer	1					
41.	Homogenizer	1					
42.	Pills making machine	1					
43.	End runner machine	1					
44.	Edge runner machine	1					
45.	Capsule filling machine	1					





46.	Double cone blender	1				
48.	Planetary mixer for ointment or cream	1				
49.	Soft gelatine capsule filling machine contact vntam@tasgaonkartech.com, Web : www.vtaylorveda.com	1				
50.	Mechanised kharal- two or four arms	1				
51.	Chimney or air handling unit	1				
52.	Mohs hardness test kit	5				
53.	Hot air oven	1				
54.	Walkers steel yard (for specific gravity of minerals)	1				
55.	Automatic flask shaker	1				
56.	Water bath	1				
57.	Digital pH (per Hydrogen ion Concentration) meter	1				
58.	Tablet hardness tester	1				
59.	Muffle furnace 12 inches x 12 inches x 18 inches digital X maximum temp 1250°C with window (quartz) thermal image visor	1				
60.	Muffle furnace (ash content tester) x digital display x Maximum temp 900°C	1				
61.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1				
62.	Non-contact infrared thermocouple K- type	1				
63.	Thermocouple K-type	1				
64.	Desiccator glass	2				
65.	Desiccator with vacuum	1				
66.	Vacuum pump	1				
67.	Collapsible tube - filling and sealing equipment	1				
68.	Brass vessel					
69.	Copper vessel					
70.	Steel vessel					
71.	Earthen vessels-pots					
72.	Porcelain crucible					
73.	Jars (porcelain) fermentation purpose					
74.	Enamel trays					
75.	Tray drier					
76.	Hand grinding mill					
77.	Pressure cooker					
78.	Mearuning equipement's different size (glass)					
79.	Pyrometer					
80.	Thermometer					
81.	Frying pan					
82.	Steel vessel					
83.	Spatula					
84.	Ladles and spoons					
85.	Knife					
86.	Plates					
87.	Samdamsa yantra (tongs)					
88.	Sieves (assorted numbers and size)					
89.	Kitchen aprons					
90.	Steel trays					
91.	Oven gloves					
92.	Kadahi - iron					
93.	Aluminium vessels					
94.	Clay graphite silver melting crucible maximum temp 1500°C					
95.	Crucible tongs 18 inches Stainless steel					
96.	Ointment spatula					
97.	Lipstick moulds					
98.	Specimens of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers				As required	

