



Shri Baliraja Shikshan Sanstha, Someshwar's

RAMRAO PATIL AYURVED

MAHAVIDYALAYA & RUGNALAYA

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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
Essential					
1	Khalva Yantra-				
a)	Small	Ten	Twenty	10	
b)	Medium	Ten	Twenty	10	
c)	Porcelain	Ten	Twenty	10	
d)	Taptakhalvyantra	Two	Four	3	
2	Pounding Apparatus (Ulukhala Yantra)	Ten	Twenty	3	
3	Putas (Different kind)	Five	Ten	3	
4	Moosha (Crucibles)	Thirty	Fifty	30	
5	Koshti with Blower	Two	Four	2	
6	Yantras				
a)	Dola Yantra	One	One	1	
b)	Valuka Yantra	One	One	1	
c)	Pithara Yantra	One	One	1	
d)	Bhudhara Yantra etc.	One	One	1	
7	Distillation Apparatus and Arka Yantra	Three	Six	1	
8	Kupipakva Bhatti	One	One	1	
General					
9	Wet Grinder	One	One	1	
10	Mixi	One	One	1	
11	Juice Extractor	One	One	1	
12	Refrigerator	One	One	1	
13	Almiras and Racks for storage	Assorted		Assorted	
14	Balance (Different Capacities)				
a)	Physical	One	One	1	
b)	Chemical	One	One	1	
c)	Electronic Balance	One	One	1	
15	Heating Device-				
a)	Gas Stove	Assorted	Assorted	Assorted	
b)	Hot plate	Assorted	Assorted	Assorted	
c)	Chulla (Charcoal)	Assorted	Assorted	Assorted	

16	Big Vessels and Containers-			Assorted	
a)	Brass	Assorted	Assorted	Assorted	
b)	Copper	Assorted	Assorted	Assorted	
c)	Steel etc.	Assorted	Assorted	Assorted	
d)	Earthen Vessels-Pots	Assorted	Assorted	Assorted	
Miscellaneous					
17	Jars(Porcelain) Fermentation Purpose	Assorted	Assorted	Assorted	
18	Enamel Trays	Assorted	Assorted	Assorted	
19	Spirit Lamp	Assorted	Assorted	Assorted	
20	Pressure Cooker	Assorted	Assorted	Assorted	
21	Measuring Equipments Different Size (Glass)	Assorted	Assorted	Assorted	
22	Pyrometer	Assorted	Assorted	Assorted	
23	Thermo meter	Assorted	Assorted	Assorted	
24	Vessels				
a)	Frying Pan	Assorted	Assorted	Assorted	
b)	Steel Vessel	Assorted	Assorted	Assorted	
c)	Spatula	Assorted	Assorted	Assorted	
d)	Ladles and Spoons	Assorted	Assorted	Assorted	
e)	Knife	Assorted	Assorted	Assorted	
f)	Plates	Assorted	Assorted	Assorted	
g)	Samdamsa Yantra(Tongs)	Assorted	Assorted	Assorted	
25	Sieves (Assorted Nos. and Size)	Assorted	Assorted	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	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	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)	1	1	1	1	1	
28.	Tincture press	1	1	1	1	1	
29.	Refrigerator	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	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	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 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 ⁰ C with window (quartz) thermal image visor	1	1	2	2	1	
60.	Muffle furnace (ash content tester) x digital display x Maximum temp 900 ⁰ C	1	1	2	2	1	
61.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900 ⁰ 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						

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	Assorted	
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 ⁰ 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	

Sd/-
Principal
RPAM & R Purna