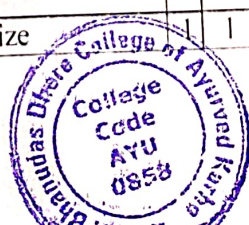


SCHEDULE X

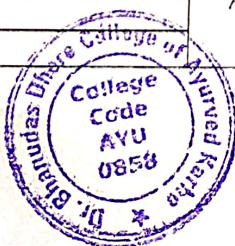
Minimum essential requirements for department of Rasashastra and
Bhaishajya kalpana including teaching pharmacy

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	1	NA
2.	Printer	1	1	1	1	1	NA
3.	Electronic-Display (Smart board or smart television or light emitting diodes display)	1	1	2	2	1	NA
Teaching pharmacy cum museum							
4.	Khalva yantra - small	10	15	20	25	15	NA
5.	Khalva yantra - medium	10	15	20	25	15	NA
6.	Khalva yantra - porcelain (different sizes)	10	15	20	25	15	NA
7.	Taptakhalva yantra	3	5	8	10	5	NA
8.	Pounding apparatus (ulukhala yantra)	3	5	8	10	5	NA
9.	Pestle and mortar glass	2	2	5	5	2	NA
10.	Putas (different kind)	3	3	5	8	3	NA
11.	Koshti with blower	2	4	6	8	4	NA
12.	Moosha (crucibles)	30	30	50	50	30	NA
13.	Dola yantra	1	1	1	1	1	NA
14.	Valuka yantra	1	1	1	1	1	NA
15.	Pithara yantra	1	1	1	1	1	NA
16.	Bhudhara yantra	1	1	1	1	1	NA
17.	Distillation apparatus and arka yantra	1	1	1	1	1	NA
18.	Kupipakva bhatti	1	1	1	1	1	NA
19.	Digital balance	1	1	1	1	1	NA
20.	Bottle sealing machine (Manual / Automic)	1	1	1	1	1	NA
21.	Sealing machine	1	1	1	1	1	NA
22.	Filling machine	1	1	1	1	1	NA
23.	Distillation apparatus glass or Ark yantra one litre	2	2	4	4	2	NA
24.	Wet grinder	1	1	1	1	1	NA
25.	Mixer or grinder	1	1	1	1	1	NA
26.	Juice extractor	1	1	1	1	1	NA
27.	Ball mill (Stainless steel balls)(	As Desirable				Available	
28.	Tincture press	1	1	1	1	1	NA
29.	Refrigerator	1	1	1	1	1	NA
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	NA
32.	Gas stoves	1	1	1	1	1	NA
33.	Hot plate	1	1	1	1	1	NA
34.	Chulla (charcoal)	1	1	1	1	1	NA
35.	Pulveriser (Lab Model)	1	1	1	1	1	NA
36.	Granulator	1	1	1	1	1	NA
37.	Hand operated tablet punching machine	1	1	1	1	1	NA
38.	Tablet coating Pan unit with hot air blower laboratory size	1	1	1	1	1	NA
39.	Tablet polishing pan laboratory size	1	1	1	1	1	NA



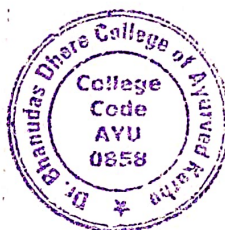
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40.	Dryer	1	1	1	1	1	NA
41.	Homogenizer	1	1	1	1	1	NA
42.	Pills making machine	As Desirable				Available	
43.	End runner machine	As Desirable				Available	
44.	Edge runner machine	As Desirable				Available	
45.	Capsule filling machine	As Desirable				Available	
46.	Double cone blender	As Desirable				Available	
47.	Liquid filling machine	As Desirable				Available	
48.	Planetary mixer (Lab Model) for ointment or cream	1	1	1	1	1	NA
49.	Mechanised kharal- two or four arms	As Desirable				Available	
50.	Chimney or air handling unit	As Desirable				Available	
51.	Mohs hardness test kit	5	8	10	12	8	NA
52.	Hot air oven	1	1	1	1	1	NA
53.	Walkers steel yard (for specific gravity of minerals)	As Desirable				Available	
54.	Automatic flask shaker	1	Available	1	1	1	NA
55.	Water bath	1	Available	1	1	1	NA
56.	Digital pH (per Hydrogen ion Concentration) meter	1	Available	1	1	1	NA
57.	Tablet hardness tester	1	Available	1	1	1	NA
58.	Muffle furnace (Horizontal) 12 inches x 12 inches x 18 inches digital x maximum temp 1250°C.	1	Available	2	2	1	NA
59.	Muffle furnace (Horizontal) (ash content tester) x digital display x maximum temp 900°C	1	1	2	2	1	NA
60.	Vertical furnace - Kupa pack type (two bottles) X Digital X Maximum temp 900°C	1	1	2	2	1	NA
61.	Non-contact infrared thermocouple K- type	1	1	2	2	1	NA
62.	Thermocouple K-type	1	1	2	2	1	NA
63.	Desiccator glass	As Desirable				Available	NA
64.	Desiccator with vacuum	As Desirable				Available	NA
65.	Vacuum pump	As Desirable				Available	NA
66.	Collapsible tube - filling and sealing equipment	As Desirable				Available	NA
67.	Brass vessel	Assorted				Assorted	NA
68.	Copper vessel					Assorted	NA
69.	Steel vessel					Assorted	NA
70.	Earthen vessels-pots					Assorted	NA
71.	Porcelain crucible					Assorted	NA
72.	Jars (porcelain) fermentation purpose					Assorted	NA
73.	Enamel trays					Assorted	NA
74.	Tray drier					Assorted	NA
75.	Hand grinding mill					Assorted	NA
76.	Pressure cooker					Assorted	NA
77.	Mearuning equipement's different size (glass)					Assorted	NA
78.	Pyrometer					Assorted	NA
79.	Thermometer					Assorted	NA
80.	Frying pan					Assorted	NA



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




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