

## SCHEDULE X

Minimum essential requirements for department of Rasashastra and Bhaishajyakalpana including teaching pharmacy

Serial number	Standard or item required	Minimum requirements 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 (Smartboard or smart television or light emitting diodes display)	1	1	2	2	1	
Teaching pharmacy cum museum							
4.	Khalvayantra-small	10	15	20	25	10	
5.	Khalvayantra-medium	10	15	20	25	10	
6.	Khalvayantra-porcelain (different sizes)	10	15	20	25	10	
7.	Taptakhalvayantra	3	5	8	10	3	
8.	Pounding apparatus (ulukhalayantra)	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.	Dolayantra	1	1	1	1	1	
14.	Valukayantra	1	1	1	1	1	
15.	Pitharayantra	1	1	1	1	1	
16.	Bhudharayantra	1	1	1	1	1	
17.	Distillation apparatus and arkayantra	1	1	1	1	1	
18.	Kupipakvabhatti	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 Arkyantra 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)	As Desirable					
28.	Tincture press	1	1	1	1	1	
29.	Refrigerator	1	1	1	1	1	
30.	Amirahand 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 (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.	TabletcoatingPanunitwithhotairblowerlab oratorysize	1	1	1	1	1	
39.	Tabletpolishingpanlaboratorysize	1	1	1	1	1	
40.	Dryer	1	1	1	1	1	
41.	Homogenizer	1	1	1	1	1	
42.	Pillsmakingmachine	As Desirable				Available	
43.	Endrunnermachine	As Desirable				Available	
44.	Edgerunnermachine	As Desirable				Available	
45.	Capsulefillingmachine	As Desirable				Available	
46.	Doubleconeblender	As Desirable				Available	
47.	Liquidfillingmachine	As Desirable				Available	
48.	Planetary mixer (Lab Model)for ointment or cream	1	1	1	1	1	
49.	Mechanisedkharal-twoorfourarms	As Desirable				Available	
50.	Chimneyorairhandlingunit	As Desirable				Available	
51.	Mohshardnesstestkit	5	8	10	12	5	
52.	Hotairoven	1	1	1	1	1	
53.	Walkerssteelyard(forspecificgravityofmin erals)	As Desirable				Available	
54.	Automaticflaskshaker	1	1	1	1	1	
55.	Waterbath	1	1	1	1	1	
56.	DigitalpH(perHydrogenionConcentration) meter	1	1	1	1	1	
57.	Tablethardnesstester	1	1	1	1	1	
58.	Muffle furnace (Horizontal) 12 inches x 12 inches x 18 inches digital x maximum temp 1250°C.	1	1	2	2	1	
59.	Muffle furnace (Horizontal) (ash content tester) x digital display x maximum temp 900°C	1	1	2	2	1	
60.	Verticalfurnace- Kupipacktype(twobottles)XDigitalX Maximum temp 900°C	1	1	2	2	1	
61.	Non-contactinfraredthermocoupleK-type	1	1	2	2	1	
62.	ThermocoupleK-type	1	1	2	2	1	
63.	Desiccatorglass	As Desirable				Available	
64.	Desiccatorwithvacuum	As Desirable				Available	
65.	Vacuumpump	As Desirable				Available	
66.	Collapsibletube-fillingandsealing equipment	As Desirable				Available	
67.	Brassvessel					Available	
68.	Coppervessel					Available	
69.	Steelvessel					Available	
70.	Earthenvessels-pots					Available	
71.	Porcelaincrucible					Available	
72.	Jars(porcelain)fermentationpurpose					Available	
73.	Enamel trays					Available	
74.	Traydrier					Available	
75.	Handgrindingmill					Available	
76.	Pressurecooker					Available	
77.	Mearuning equipement's different size					Available	

	(glass)		
78.	Pyrometer	Assorted	Available
79.	Thermometer		Available
80.	Fryingpan		Available
81.	Steelvessel		Available
82.	Spatula		Available
83.	Ladlesand spoons		Available
84.	Knife		Available
85.	Plates		Available
86.	Samdamsayantra(tongs)		Available
87.	Sieves(assortednumbersandsize)		Available
88.	Kitchenaprons		Available
89.	Steeltrays		Available
90.	Ovengloves		Available
91.	Kadahi-iron	Available	
92.	Aluminiumvessels	Available	
93.	Clay graphite silver melting crucible maximum temp1500°C	Available	
94.	Crucible tongs 18 inches Stainless steel	Available	
95.	Ointment spatula	Available	
96.	Lipstick moulds	Available	
97.	Specimen of Rasashastra and Bhaishajya Kalpana related samples in suitable display containers	As required	Available