



Shri Babu Singh Jay Singh Ayurvedic Medical College & Hospital
Bhaupur, Bewar Road, Fatehgarh, Dist.-Farrukhabad U.P.



**List of Equipment for Department of Rasashastra and Bhaishajya kalpana
including teaching pharmacy**

S. No.	Standard	Required number
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	15
5	Khalva yantra – medium	15
6	Khalva yantra – medium	15
7	Taptakhalva yantra	5
8	Pounding apparatus (ulukhala yantra)	5
9	Pestle and mortar glass	2
10	Putas (different kind)	3
11	Koshti with blower	4
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 (Manual/Automatic)	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)	As desirable
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 (Lab Model)	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



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



**List of Equipment for Department of Rasashastra and Bhaishajya kalpana
including teaching pharmacy**

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