



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



List of Equipment for Department of Drvayaguna

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
Dravyaguna Laboratory Museum cum Herbarium		
4	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	1
5	Microscope [binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded) built-in illumination]	10
6	Dissecting microscope	10
7	Magnification lens with light	10
8	Dissection box	10
9	Digital weighing scale (upto 10 grams with accuracy 0.001 miligram)	3
10	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	3
11	Thin layer chromatography kit with thin layer chromatography applicator, thin layer chromatography platform , atomizer, glass plates thin layer chromatography chamber and thin layer chromatography scale	1
12	Hot air oven	1
13	Muffle furnace	1
14	Digital pH (per Hydrogen Ion Concentration) Meter	1
15	Ostwald viscometer	10
16	Pycnometer or specific gravity bottle	10
17	Soxhlet's extraction apparatus	1
18	Heating mantle (250, 500 and 1000 millilitre)	One Each
19	Bunsen burner electric or gas burner	15
20	Enamel trays	15
21	Water bath (rectangular)	1
22	Ultraviolet-cabinet	1
23	Desiccator	1
Lab wares		
24	Dropper	Assorted
25	Needle	
26	Sharp razor blades	
27	Pipe clay triangles	
29	Wire mesh	
30	Test tube holders	
31	Reagent bottles	
32	Test tube stands	
33	Tripod stand	
34	Pair of tongs	
Glassware and consumables		
35	Test tubes	Assorted



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36	Thin layer chromatography plates 20x20cm (pre coated)	Assorted
37	Evaporating dish	
38	Silica crucible	
39	Beakers two hundred millilitre	
40	Glass rods	
41	Conical flasks two hundred fifty millilitre	
42	Glass funnels	
43	Chemicals	
44	Safranin	
45	Light green	
46	Sudan red- III	
47	Glycerine	
48	Dragendorff's reagent	
49	Millon's reagent	
50	Wagner's reagent	
51	Benedict's solution	
52	Fehling's solution	
53	Iodine solution	
54	Methanol	
55	Distilled water	
56	Ethanol	
57	Hydrochloric acid	
58	Sulphuric acid	
59	Chloroform	
60	Phloroglucinol	
61	Acetic acid	
62	Ferric chloride	
63	Potassium iodide	
64	Magnesium turnings	
65	Ethyl acetate	
66	Toluene	
67	Silica gel GF-254	
68	Blotting or filter papers	
69	Microscope slides and cover slips	