



Matoshri Education society's **MATOSHRI AYURVED COLLEGE**

Nagar-Manmad Highway, Dhanore, Tal. Yeola, Dist. Nashik, Maharashtra-423401

Recognised by : N.C.I.S.M. , New Delhi Affiliated to M.U.H.S. , Nashik

email:- ayurveddhanore@gmail.com , Website:- <https://ayurveddhanore.in>

Minimum essential requirements for department of Dravyaguna

Sr. no	Specified	Minimum Requirement
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 (up to 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 milliliter)	on 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	
28.	Wire mesh	
29.	Test tube holders	
30.	Reagent bottles	
31.	Test tube stands	
32.	Tripod stand	
33.	Pair of tong	
Glassware and consumables		
34.	Test tubes	Assorted
35.	Thin layer chromatography plates 20x20cm (pre coated)	
36.	Evaporating dish	
37.	Silica crucible	
38.	Beakers two hundred millilitre	
39.	Glass rods	
40.	Conical flasks two hundred fifty millilitre	
41.	Glass funnels	

Chemicals		
42.	Safranin	Assorted
43.	Light green	
44.	Sudan red- III	
45.	Glycerine	
46.	Dragendorff's reagent	
47.	Millon's reagent	
48.	Wagner's reagent	
49.	Benedict's solution	
50.	Fehling's solution	
51.	Iodine solution	
52.	Methanol	
53.	Distilled water	
54.	Ethanol	
55.	Hydrochloric acid	
56.	Sulphuric acid	
57.	Chloroform	
58.	Phloroglucinol	
59.	Acetic acid	
60.	Ferric chloride	
61.	Potassium iodide	
62.	Magnesium turnings	
63.	Ethyl acetate	
64.	Toluene	
65.	Silica gel GF-254	
66.	Blotting or filter papers	
67.	Microscope slides and cover slips	