



Shri Baliraja Shikshan Sanstha, Someshwar's

RAMRAO PATIL AYURVED

MAHAVIDYALAYA & RUGNALAYA

BUS STAND ROAD, PURNA-431511 TQ.PURNA DIST. PARBHANI

Mob: 7620515721, 8055870777 / Ph : (02452) 254725 / Fax : (02452) 255088

Email : rpampp@gmail.com / www.rpayurvedcollege.org

1) Recognized by NCISM, New Delhi 2) Affiliated to Maharashtra University of Health Sciences, Nashik

SCHEDULE IX-A (As per MSR 2016)

*Minimum Essential Requirements for Department of Dravyaguna

S. No.	Equipment and Instruments	Up to 60 intake capacity	61 to 100 intake capacity	Available	Deficiency
Essential					
1.	Field magnifier	One	One	One	
2.	Compound microscope	One	One	One	
3.	Dissecting Microscope	One	One	One	
4.	Microscope	Fifteen	Twenty five	Fifteen	
5.	Electronic balance	One	Two	One	
Miscellaneous					
6.	Slides box with cover slips,	Assorted	Assorted	Assorted	
7.	Blotting/filter papers	Assorted	Assorted	Assorted	
8.	Dissection Box	Assorted	Assorted	Assorted	
9.	Enamel Trays	Assorted	Assorted	Assorted	
10.	Reagents-				
a.	Chloroform	Assorted	Assorted	Assorted	
b.	Alcohol.	Assorted	Assorted	Assorted	
c.	HCL	Assorted	Assorted	Assorted	
d.	Sulphuric acid	Assorted	Assorted	Assorted	
e.	Sodium, potassium hydroxide	Assorted	Assorted	Assorted	
f.	Benedict solution	Assorted	Assorted	Assorted	
g.	Sodium nitrate	Assorted	Assorted	Assorted	
h.	Potassium nitrate	Assorted	Assorted	Assorted	
i.	Citric acid	Assorted	Assorted	Assorted	
j.	Iodine	Assorted	Assorted	Assorted	
k.	Ethyl Alcohol	Assorted	Assorted	Assorted	
l.	Potassium Iodide	Assorted	Assorted	Assorted	
m.	Xylol/pure xylene (slide preparation)	Assorted	Assorted	Assorted	

SCHEDULE IX-B (As per MSR 2024)

Minimum Essential Requirements for Department of Dravyaguna

Serial number	Standard	Requirement as per intake capacity				Available Quantity	Deficiency	
		60	100	150	200			
1.	Computer with internet	1	1	1	1	NOT APPLICABLE		
2.	Printer	1	1	1	1			
3.	Electronic-Display (smart board or smart television or light emitting diodes display)	1	1	2	2			
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	1	2	2			
5.	Microscope [binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded) built-in illumination]	5	10	15	20			
6.	Dissecting microscope	5	10	15	20			
7.	Magnification lens with light	5	10	15	20			
8.	Dissection box	5	10	15	20			
9.	Digital weighing scale (upto 10 grams with accuracy 0.001 miligram)	2	3	4	5			
10.	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	2	3	4	5			
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	1	2	2			
12.	Hot air oven	1	1	2	2			
13.	Muffle furnace	1	1	2	2			
14.	Digital pH (per Hydrogen Ion Concentration) Meter	1	1	2	2			
15.	Ostwald viscometer	5	10	15	20			
16.	Pycnometer or specific gravity bottle	5	10	15	20			
17.	Soxhlet's extraction apparatus	1	1	2	2			
18.	Heating mantle (250, 500 and 1000 millilitre)	One each		Two each				
19.	Bunsen burner electric or gas burner	10	15	20	25			
20.	Enamel trays	10	15	20	25			
21.	Water bath (rectangular)	1	1	2	2			
22.	Ultraviolet-cabinet	1	1	2	2			
23.	Desiccator	1	1	2	2			
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		NOT APPLICABLE	
41.	Glass funnels			
42.	Chemicals			
43.	Safranin			
44.	Light green			
45.	Sudan red- III			
46.	Glycerine			
47.	Dragendorff's reagent			
48.	Millon's reagent			
49.	Wagner's reagent			
50.	Benedict's solution			
51.	Fehling's solution			
52.	Iodine solution			
53.	Methanol			
54.	Distilled water			
55.	Ethanol			
56.	Hydrochloric acid			
57.	Sulphuric acid			
58.	Chloroform			
59.	Phloroglucinol			
60.	Acetic acid			
61.	Ferric chloride			
62.	Potassium iodide			
63.	Magnesium turnings			
64.	Ethyl acetate			
65.	Toluene			
66.	Silica gel GF-254			
67.	Blotting or filter papers			
68.	Microscope slides and cover slips			

Sd/-
Principal
RPAM & R Purna