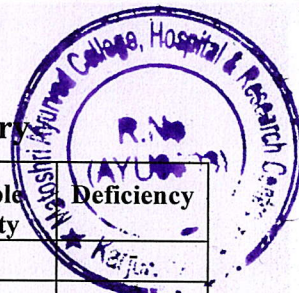


SCHEDULE XI

Minimum Essential Requirements for Quality Testing Laboratory



Serial number	Standard or item required	Minimum Equipment	Available Quantity	Deficiency
1.	Computer, internet, printer	1	01	-
2.	Smart board or Liquid Crystal Display projector	1	01	-
3.	Ultra-violet visible spectro photometer	1	01	-
4.	Flame photometer	1	01	-
5.	Digital pH (per Hydrogen ion Concentration) meter	1	01	-
6.	Precision melting point apparatus	1	01	-
7.	Distillation unit for distilled water	1	01	-
8.	Moisture analyser balance	1	01	-
9.	Orbital shaker	1	01	-
10.	Laminar airflow	1	01	-
11.	Mechanical stirrer with hot plate	1	01	-
12.	Magnetic stirrer	1	01	-
13.	Dissolution test apparatus	1	01	-
14.	Tablet disintegration test apparatus	1	01	-
15.	Monsanto's hardness tester	1	01	-
16.	Pfizer type hardness tester	1	01	-
17.	Tablet counter – small size	1	01	-
18.	Bulk density apparatus	1	01	-
19.	Friability test apparatus	1	01	-
20.	Ostwald's viscometer	1	01	-
21.	Refractometer	1	01	-
22.	Analytical balance digital high precision (0.0001g – 220g)	1	01	-
23.	Incubator	1	01	-
24.	Clarity test apparatus	1	01	-
25.	Humidity control oven	1	01	-
26.	Karl Fischer apparatus	1	01	-
27.	Sieve shaker	1	01	-
28.	Graduating sieve set	1	01	-
29.	Thermometer up to 110°C	2	02	-
30.	Centrifuge	1	01	-
31.	Filtration equipment	2	02	-
32.	Water bath twelve holes	1	01	-
33.	Suction pump	1	01	-
34.	Sonicator	1	01	-
35.	Heating mantle different capacity	2	02	-
36.	Total Leucocyte Count chamber and sprayer	2	02	-
37.	Clevenger's apparatus	1	01	-
38.	Arsenic limit test apparatus	1	01	-
39.	Adjustable volume micro pipette	2	02	-
40.	Rotary evaporator apparatus	1	01	-
41.	Soxhlet apparatus	2	02	-
42.	Reflux flask with condenser single neck	1	01	-
Glassware and consumable				
43.	Petri dish glass	As required	Available	-
44.	Petri dish polypropylene	As required	Available	-
45.	Watch glass	As required	Available	-
46.	Glass ware	As required	Available	-

47.	Glass beaker- different capacity	As required	Available	-
48.	Measuring flask different capacity	As required	Available	-
49.	Volumetric flask different capacity	As required	Available	-
50.	Graduated measuring cylinder	As required	Available	-
51.	Buchner funnels small, medium, large	As required	Available	-
52.	Burette	As required	Available	-
53.	Nessler's cylinders	As required	Available	-




Principal
Matoshri Ayurved College,
Hospital and Research Center
Karjule Harya (Ahmednagar)