

Requirement of RSBK lab		
Sr.no.	Content	Quantity
1.	Glass pestle & mortar	2
2.	Moosha (Crucibles)	30
3.	Distillation Apparatus and Arka yantra	01
4.	Bottle sealing machine	1
5.	Sealing machine	1
6.	Filling machine	1
7.	Juice extractor	1
8.	Ball Mill	1
9.	Tincture press	1
10.	Electronic balance(1 mg to 100 gm)	1
11.	Electronic balance(100 gm to 1000 gm with accuracy of 1 gm)	1
12.	Electronic balance(1 kg & above)	1
13.	Pulveriser	1
14.	Granulator	1
15.	Hand operated tablet punching machine	1
16.	Tablet coating pan unit with hot air blower laboratory size	1
17.	Tablet polishing pan laboratory size	1
18.	Dryer	1
19.	Homogenizer	1
20.	Pills making machine	1
21.	End runner machine	1
22.	Edge runner machine	1
23.	Capsule filling machine	1
24.	Double cone blender	1
25.	Liquid filling machine	1
26.	Planetary mixer for ointment or cream	1
27.	Soft gelatin capsule filling	1
28.	Mechanized kharal (2/4 handed)	1
29.	Mohs hardness test kit	8
30.	Hot air oven	1
31.	Walkers steel yard (for specific gravity of minerals)	1
32.	Automatic flask shaker	1
33.	Water bath	1
34.	Digital pH meter	1
35.	Tablet hardness tester	1
36.	Muffle furnace 12x 12 x 18 inches digital max temp 1250 with window thermal image visor	1
37.	Muffle furnace(ash content tester) x digital display x max temp 900	1
38.	Vertical furnace- kupi pack type (2 bottles) x digital display x max temp 900	1
39.	Non contact infrared thermocouple K type	1
40.	Thermocouple K type	1
41.	Desiccators glass	2
42.	Desecrator with vacuum	1
43.	Vacuum pump	1
44.	Collapsible tube- filling and sealing equipment	1
45.	Porcelain crucible	10
46.	Iron frying Pan (Tavi)	2
47.	Porcelain Jars for fermentation purpose (30 lit- 50 lit)	1
48.	Tray drier	1
49.	Hand grinding mill	1
50.	Glass measuring equipment sets of all sizes	2
51.	Pyrometer	1
52.	Thermometer	2
53.	Sieves (assorted numbers & sizes)	1
54.	Kitchen aprons	5
55.	Napkins	4

56.	Oven gloves	2
57.	Clay graphite silver melting crucible maximum temp 1500	1
58.	Crucible tongs 18 inches SS	2
59.	Ointment spatula	2
60.	Lipstick moulds	3
Requirement of QC lab		
Sr.no.	Content	Quantity
1.	UV visible Spectro photometer	1
2.	Flame photometer	1
3.	Digital pH meter	1
4.	Precision melting point apparatus	1
5.	Distillation unit for distilled water	1
6.	Moisture analyser balance	1
7.	Orbital shaker	1
8.	Laminar airflow	1
9.	Mechanical stirrer with hot plate	1
10.	Magnetic stirrer	1
11.	Dissolution test apparatus	1
12.	Tablet disintegration test apparatus	1
13.	Monsanto's hardness tester	1
14.	Pfizer type hardness tester	1
15.	Tablet counter- small size	1
16.	Bulk density apparatus	1
17.	Friability test apparatus	1
18.	Ostwald's viscometer	1
19.	Refractometer	1
20.	Analytical balance digital high precision(0.0001g to 220 g)	1
21.	Incubator	1
22.	Clarity test apparatus	1
23.	Humidity control oven	1
24.	Karl Fischer apparatus	1
25.	Sieve shaker	1
26.	Graduating sieve set	1
27.	Thermometer upto 110	2
28.	Centrifuge	1
29.	Filtration equipment	2
30.	Water bath 12 holes	1
31.	Suction pumps	1
32.	Sonicator	1
33.	Heating mantle different capacity	2
34.	Total leucocytes count chamber and sprayer	2
35.	Clevenger's apparatus	1
36.	Arsenic limit test apparatus	1
37.	Adjustable volume micro pipette	2
38.	Rotary evaporator apparatus	1
39.	Soxhlet apparatus	2
40.	Reflux flask with condenser single neck	1
41.	Petri dish glass	1
42.	Petri dish polypropylene	1
43.	Watch glass	1
44.	Glass ware	1
45.	Glass beaker – different capacity	1
46.	Measuring flask different capacity	1
47.	Volumetric flask different capacity	1
48.	Graduate measuring cylinder	1
49.	Buchner funnels small, medium, large	1
50.	Burette	1
51.	Nessler's cylinders	1

KRIYA SHARIRA DEPARTMENT		
Requirement of Kriya Sharira Laboratory		
Sr. No.	Content	Quantity
1	Digital Spirometry	2
2	Digital pH (Per Hydrogen Ion Concentration) Meter	1
3	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
4	Digital Sphygmomanometer	10
5	Centrifuge Machine With Digital Regulator	1
6	Clinical Thermometer (Digital, Non-Contact)	15
7	Digital Weighing Scale	10
8	Measuring Tape	15
9	Height Measurement Scale	10
10	Naadi Recording Equipment	10
11	Histology Slides (Tissues , Organs, Blood Cells)	1
12	Vernier Calliper	2
13	Plastic Reagent Bottles (60ml)	100
14	Glass Reagent Bottles (100ml)	20
15	Test Tube Stands Steel	20
16	Syringe Bulb	5
17	Non Sterile Latex Gove Box(100pcs In A Box)	2
18	Lancets Box	3
19	Glass Capillaries For Clotting Time Box	5
20	Accu Check Softskil Gun (Pricking Gun)	1

Requirements - Department of Roganidan

INSTRUMENTS FOR TEACHING LABORATORY		
Sr. No	Standard/ Instruments	Requirement
1	Microscope (Trinocular with Digital Camera, including software for projection through LCD/Smart Board/Smart TV etc. for demonstration of histology and others)	1
2	Microscope (Binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded), built-in illumination)	10
3	Bio Chemistry analyser	1
4	Cell counter (haematology)	1
5	Digital Spirometry	1
6	Electrocardiogram	4
7	ELIZA Reader	1
8	X-ray view box	2
9	BP Apparatus - non mercury	20
10	Stethoscope	20
11	Clinical Thermometer	20
12	Tongue depressor	1 set (1 each of various size)
13	Knee hammer	20
14	ENT examination set	1
15	Weighing scale	1
16	Tuning Forks	1 set (1 each 128Hz, 256Hz and 512 Hz frequencies)
17	Nasal speculum	1 set (1 each of various size)
18	Laryngoscope	1
19	Syringe needle destroyer	1
20	Glass rod	1 Box
21	Test tube stand	2 (each with holding capacity 10)

INSTRUMENTS FOR DIAGNOSTIC AREA IN HOSPITAL		
Sr.No	Instruments	Requirements
HAEMATOLOGY /PATHOLOGY SECTION		
1	Fully automated haematology analyser	1
2	Trinocular microscope with display unit	1
3	Colorimeter	1
BIOCHEMISTRY SECTION		
4	Fully automated biochemistry analyser	1
5	Electrolyte analyser	1
6	Centrifuge	1
7	Hot air oven	1
8	Chemiluminescence or Enzyme linked immune-sorbent assay	1
9	HbA1C analyser or Card based	1
MICROBIOLOGY SECTION		
10	Trinocular microscope with display unit	1
11	Incubator	1
12	Autoclave (vertical)	1
13	Hot air oven	1
14	Automated blood culture system	1
15	Bio-safety cabinet	1
IMAGING SECTION		
16	X-Ray unit (preferably digital X-ray) with machine and accessories	1
17	Ultrasound scan	1
OTHERS		
18	Electrocardiogram	1
19	Spirometry	1

Requirements of Dravyaguna Department Lab

Sr no	Content	Quantity
1.	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
2.	Microscope [binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded) built-in illumination]	10
3.	Dissecting microscope	10
4.	. Magnification lens with light	08
5.	Dissection box	08
6.	Digital weighing scale (upto 10 grams with accuracy 0.001 miligram) 3	3
7.	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	3
8.	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
9.	Hot air oven	1
10.	Muffle furnace	1
11.	Digital pH (per Hydrogen Ion Concentration) Meter	1
12.	Ostwald viscometer	10
13.	Pycnometer or specific gravity bottle	10
14.	Soxhlet's extraction apparatus	1
15.	Heating mantle (250, 500 and 1000 millilitre)	1
16.	Bunsen burner electric or gas burner	15
17.	Enamel trays	15
18.	Water bath (rectangular)	1
19.	Ultraviolet-cabinet	1
20.	Desiccator	1
21.	Dropper	1
22.	Needle	1
23.	Pipe clay triangles	1

24.	Wire mesh	1
25.	Test tube holders	1
26.	Reagent bottles	1
27.	Test tube stands	1
28.	Tripod stand	1
29.	Pair of tong	1
30.	Test tubes	1
31.	Thin layer chromatography plates 20x20cm (pre coated)	1
32.	Evaporating dish	1
33.	Hot air oven	1
34.	Muffle Furnace	1
35.	Silica crucible	1
36	Beakers two hundred mililitre	1
37	Beakers two hundred millilitre	1
38	Glass rods	1
39	Conical flasks two hundred fifty millilitre	1
40	Glass funnels	1
41	Safranin Light green	1
42	Light green	1
43	Sudan red- Ill	1
44	Glycerine	1
45	Dragendorff's reagent	1
46	Millon's reagent	1
47	Wagner's reagent	1
48	Benedict's solution	1
49	Fehling's solution	1
50	Distilled water	1
51	Ethanol	1
52	Sulphuric acid	1
53	Phloroglucinol	1
54	Acetic acid	1
55	Ferric chloride	1
56	Potassium iodide	1
57	Magnesium turnings	1
58	Ethyl acetate	1
59	Toluene	1
60	Silica gel GF-254	1
61	Blotting or filter papers	1

DEPARTRMENT OF AGADATANTRA NACRC, Visnagar		
REQUIREMENTS		
Sl. No.	Content	Quantity
1	Gas cylinder for Poison Detection lab	1

SAMHITA DEPARTMENT		
Requirement of Language lab		
Sr.no.	Content	Quantity
1	microphones with headsets	10
2	Digital language lab solution software for Sanskrit, Hindi, and English	1
Requirements of the Museum		
	Content	Quantity
	PHOTGRAPHS	
1	Ayurveda avatarana(Photograph)	01
2	Atreya Sampradaya (Photograph)	01
3	Dhanwantari sampradaya	01
4	Important acharyas of Samhita period—Atreya, Agnivesa, Susrutha, Vagbhata	01(4)
5	Important Pratisamskarta Acharyas of Samhita’s- Charaka, Dridabala	01(2)
6	Important ayurvedic acharyas of Modern era [real photos]- YadvjiTrikamji Acharya, P.V Sarma	01(2)
7	Important personalities like Hippocrates, Alexander	01(2)
	MAPS	
1	Vedik kal	01
2	Samhita kal	01