

LIST OF EQUIPMENTS

DEPARTMENT OF PHARMACEUTICS

S.N O.	EQUIPMENTS	NO. AVAILABLE
1.	Ampoule filling and sealing machine	1
2.	Ampoule sealing machine	2
3.	Ampoule washing machine	1
4.	Ampoule clarity test equipment	2
5.	Antibiotic zone reader	1
6.	Air conditioner with stabilizer	2
7.	Aseptic cabinet	2
8.	Autoclave (Horizontal type)	1
9.	Autoclaves (Verticle type)	3
10.	B.O.D Incubator With stabilizer	1
11.	Bacterial Colony counter	1
12.	Balance Torsion type with removable glass pan	5
13.	Ball Mill	1
14.	Binocular Microscope	1
15.	Bottle washing Machine	1
16.	Bulk density apparatus	1
17.	Chemical balance	5
18.	Capsule filling Machine	2
19.	Collapsible tube filling and sealing equipment	2
20.	Computer System	2
21.	Conical Percolators	10
22.	Cooling centrifuge With stabilizer	1
23.	Dispensing Balance	23
24.	Digital Electronic Balance (Sartorius) (Sensitivity 0.1mg)	1
25.	Digital balance (Electronic) (Sensitivity 0.01g)	5
26.	Double cone blender	1
27.	DNA Sequencer	1
28.	Environmental testing chamber With stabilizer	1
29.	Mechanical stirrer	4
30.	Filter press unit	1
31.	Friability tester	1
32.	Gel Electrophoresis apparatus and geldrier	1
33.	Granulating sieve sets	20

34.	Hand Grinding Mill	4
35.	Hand operated Tablet Punching Machine	3
36.	Hi anaerobic system	1
37.	Hot plate	4(2)
38.	Hot plate with digital display	2
39.	Hygrometer	1
40.	Hot air sterilizer	3
41.	Incubators	3
42.	Interfacial Tensiometer	1
43.	IR Moisture balance	1
44.	Kalweka Main Drive VDM 4SP	1
45.	Kalweka Agitator for all kinds of liquids	1
46.	Kalweka wet granulator	1
47.	Laminar Air Flow Assembly (Horizontal)	1
48.	Magnetic stirrer	6
49.	Mantle (250 ml)	1
50.	Micro Pipette 200 to 1000µl Varival	1
51.	Micro pipette 20 to 1000µl Multi Channel (8)	1
52.	Micro pipettes 0.5 to 10 µl variable volume 20 to 200 µl variable volume	2
53.	Micropulverizer	1
54.	Microscope	13(23)
55.	Millipore Syringe type disposable filter units,25mm dia, 0.45µ	50
56.	Mixing vat with stirrer	2
57.	Over head projector	1
58.	PH Meter	2
59.	Photophone slide projector	1
60.	Projection screen (Hanging type)	1
61.	Pressure cooker	2
62.	Programmable Dissolution test apparatus	1
63.	Rotary flash evaporator with vacuum Pump	1
64.	Rotary shaker	1
65.	Refrigerator With stabilizer	1(2)
66.	Rotary Tablet Punching Machine	1
67.	Suppository moulds	20
68.	Sieve shaker	1
69.	Tablet Coating unit with Hot air blower- Laboratory size	1
70.	Tablet Polishing pan - Laboratory size	1

71.	Tablet Counter small size	5
72.	Tablet Disintegration test apparatus	2
73.	Tablet Hardness Tester (Monsanto type)	8
74.	Tablet Hardness Tester (Pfizer type)	3
75.	Three stage Tablet Dissolution test apparatus	1
76.	Thumbo Pipette (Pipetting aid)	5
77.	Tincture press	1
78.	Tray Dryer	1
79.	Ultra Low Deep Freezer With stabilizer	1
80.	Ultra Sonicator	1
81.	UV Spectrophotometer (single beam) (Elico)With stabilizer	1
82.	UV Spectrophotometer (Double beam) (Shimadzu)	1
83.	Vacuum oven	1
84.	Vortex Mixer	1
85.	Water bath (stainless steel)	3
86.	Roteva Rotary Evaporator with (Promivac) Vacuum Pump	1
87.	Semi Automatic Bottle Capping Machine	1
88.	Semi Automatic Bottle Filling Machine	1
89.	Colloid Mill	1
90.	LCD projector	1
91.	Pharmacokinetics Software	1

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

S.No.	Name of the Equipment	Quantity
1.	HPLC with detector (Waters), Millennium software	1
2.	UV-Visible single beam Spectro photometer	1
3.	U.V visible double beam Spectro photo meter	1
4.	Colorimeter	2
5.	Flame photo meter	1
6.	Photo Fluori meter	1
7.	p ^H meter	2
8.	Karl Fischer titrimeter	1
9.	Polarimeter	1
10.	p ^H cum conductivity meter	1
11.	Nephelo turbidity meter	1
12.	Demineraliser	1 unit
13.	Hot air Oven	3
14.	Magnetic Stirrer	3
15.	Melting Point apparatus	2
16.	Electrical water bath	1
17.	Hot Plate	2
18.	Dessicator	12
19.	Single Pan balance (Dhona)	2
20.	Heating mantle (5litre)	3
	Heating mantle (1 litre)	2

21.	Heating mantle (500ml)	1
22.	Refractometer	1
23.	Vacuum Pump	2
24.	Electrophoresis apparatus	1
25.	Electronic Digital balance (0.01 g)	4
26.	Electronic Digital balance (0.1mg) Citizen	1
27.	Densitometer	1
28.	Decending chromatography Chamber	1
29.	Electric Bunsen burner	5
30.	Semi centrifuge	1
31.	Serological water bath	1
32.	UV Cabinet	1

DEPARTMENT OF PHARMACOGNOSY

S.NO	INSTRUMENT	NO. AVAILABLE
1.	Abbe's Refractometer	1
2.	B.O.D. Incubator	1
3.	Binocular Microscope	1
4.	Camera Lucida	26
5.	Charts (Different types)	100
6.	Chemical Balance	2
7.	Chromato View Cabinet	1
8.	Circular water bath with temp. control	1
9.	Clevenger's Apparatus	5
10.	Column Chromatography	10
11.	Compound Microscope	40
12.	Computer	1
13.	Crude Drugs	100
14.	Desiccators	10
15.	Dhona Single Pan Balance	1
16.	Digi weighing scale (10g - 12Kg)	1
17.	Digi weighing scale (200mg - 300g))	1
18.	Digital balance	1
19.	Dis.Water Still	1
20.	Disintegrator	1
21.	Dissecting Microscope	20
22.	Distillation Apparatus	15
23.	Electric Bunsen Burner	15
24.	Electric Water Bath (12 holes)	2
25.	Electrical Shaker	1
26.	Eye Piece Micrometer	25
27.	Heating Mantle	10
28.	Heating Mantle to hold 20 liters RB flask	1
29.	High Vacuum Pump	2
30.	Homogeniser	1
31.	Hot Air Oven	2
32.	Hot Plate	3

S.NO	INSTRUMENT	NO. AVAILABLE
33.	Laminar Air Flow	1
34.	Laminated Charts	30
35.	Laminated Photographs	20
36.	Melting Point Apparatus	1
37.	Mini Rotary Flask Shaker	1
38.	Monocular Microscope	1
39.	OHP - Projector	1
40.	Percolator	1
41.	Permanent slides	100
42.	pH meter	1
43.	Printer	1
44.	Projection Microscope	1
45.	Refrigerator	1
46.	Rotary Microtome	1
47.	Slides and Cover slips	Adequate
48.	Soxhlet Apparatus	15
49.	Soxhlet Apparatus (10 kg)	1
50.	Stage Micrometer	23
51.	TLC Kit	2
52.	TLC tank	25
53.	Trinocular Research Microscope with Photomicroscope Attachment	1
54.	Triple Beam Balance	1
55.	Tissue Culture rack	1
56.	Vacuum Desiccators	2
57.	Vacuum Pump	1
58.	Water distillation	1
59.	Water softener	1
60.	Willey's Mill	1

DEPARTMENT OF THE PHARMACOLOGY

S.NO	EQUIPMENTS	NO.AVAILABLE
1.	Shalis Haemometer	28
2.	Haemocytometer	27
3.	Students's organ bath	22
4.	Sherrington rotating drum	14
5.	Pole climbing apparatus	1
6.	Histamine chamber	1
7.	Simple lever	14
8.	Starling's heart lever	23
9.	Frontal writing lever	17
10.	Aerators	11
11.	Sphygmomanometer (B.P apparatus)	9
12.	Stethoscope	19
13.	Operation table (small)	1
14.	Activity cage (Actophotometer)	1
15.	Analgesiometer	1
16.	Double unit organ bath with Thermostat	1
17.	Refrigerator	1
18.	Chart(APH)	Adequate
19.	Chart (Pharmacology)	44
20.	Electroconvulsimeter	1
21.	Rotarod apparatus	1
22.	Metabolic cage	3
23.	Dog operation table	2
24.	Audiogenic test chamber	1
25.	Conditioned avoidance response apparatus	1
26.	Respiration pump	2
27.	Perfusion of excised mammalian heart with single unit organ bath	1

S.NO	EQUIPMENTS	NO.AVAILABLE
28.	Perfusion of excised mammalian heart with double unit organ bath	1
29.	Super ten kymograph	1
30.	Artery Clip	4
31.	Hebb's william maze apparatus	1
32.	Student physiograph	1
33.	Plethysmograph	1
34.	Mosquito chamber	1
35.	Mosquitocidal test chamber	1
36.	Semi autoanalyser with printer	1
37.	Chemical Balance	2
38.	Over head projector	1
39.	Perpex ink pen	6
40.	Long extension kymograph	2
41.	Mantle	5
42.	Histology slides	25
43.	Balance for weighing small animals	1
44.	Frog boards	42
45.	Trays (Dissection)	43
46.	Tele thermometer	1
47.	Human skeleton	2
48.	Smoking burner(Kerosene)	1
49.	Bone cutter	11
50.	Dhona balance	1
51.	Micrscope	32
52.	Glucometer	1
53.	Elevated plus maze apparatus	1
54.	Tensiometer	1
55.	Tissue homogeniser	1
56.	Digital Electronic Balance	1
57.	Maximum & Minimum Thermometer	1
58.	Digital Hygrometer	1
59.	Vernier Calipers	2

S.NO	EQUIPMENTS	NO.AVAILABLE
60.	Rheostat	9
61.	Lucas moist chamber	4
62.	Medicare student stimulator	3
63.	Key circuit	3
64.	Simple electrode	7
65.	Muscle electrode	4
66.	Low voltage DC unit	4
67.	Battery Eliminator	1
68.	E.S.R stand	11
69.	Stop clock	25
70.	PCV Stand	5
71.	Plain L Stand	24
72.	Digital Plethysmometer	1
73.	Smoking burner (Gas)	1
74.	Microtome	2
75.	Forced swimming test apparatus	1
76.	Stair case apparatus	1

APH EQUIPMENTS LIST

S.NO	EQUIPMENTS	NO.AVAILABLE
1.	Microscope	32
2.	Shalis Haemometer	28
3.	Haemocytometer	27
4.	Sphygmomanometer	9
5.	Stethoscope	17
6.	Centrifuge	1
7.	Slide cabinet	1
8.	E.S.R stand	16
9.	PCV stand	5
10.	Tissue flotation Water bath	1
11.	R.B.C pipette	32
12.	W.B.C Pipette	44
13.	Micro slide box	2 boxes
14.	Cover slip	5 boxes
15.	E.S.R tube	20
16.	Filler	9
17.	Porceline tiles	35
18.	Dropper bottle	10
19.	PCV tube	17
20.	Medium size test tube	10
21.	Watch glass	27

APH CHART LIST

S.NO	Name of the Chart	No. AVAILABLE
1.	Human Muscular system	1
2.	Human Excretory system	1
3.	Human Blood	1
4.	Human Muscles	1
5.	Human Skeleton joints limbs	1
6.	Human Lymphatic system	1
7.	Human Endocrine glands	1
8.	Human Respiratory system	1
9.	Human body	1
10.	Human Embryo Development	1
11.	Human teeth	1
12.	Human Menstrual cycle	1
13.	Human Eye	1
14.	Human Skin	1
15.	Human spinal cord	1
16.	Human Tongue	1
17.	Human immunity system	1
18.	Human Blood groups	1
19.	Human Ear	1
20.	Human Digestive system	1
21.	Human Cartilage & Bone	1
22.	Human Reproductive system	1
23.	Human arterial system	1
24.	Human nose	1
25.	Human Heart	1
26.	Human Nervous system	1
27.	Human Venous system	1
28.	Human Brain	1
29.	Human skeleton	2

APH MODELS LIST

S.NO	Name of the Chart	No. AVAILABLE
1.	Digestive system	1
2.	Human Circulatory system	1
3.	Autonomic nervous system	1
4.	Diuretics	1
5.	Respiratory system	1
6.	Skin	1
7.	Endocrine - Glass	1
8.	Excretory system	1
9.	Kidney	1
10.	Blood circulatory	1
11.	Heart	1
12.	Human Ear	2
13.	Teeth with Lower jaw	1
14.	Lungs	1
15.	Brain	1
16.	Male genital organ	1
17.	Female pelvis	1
18.	Fertilization	1
19.	Human brain with skull	1
20.	Female genital organ	1
21.	Human Embryo	1

GLASSWARE'S LIST

S.No	Name of the Glassware	NUMBER
1.	Beaker 1000ml	4
2.	Beaker 500ml	20
3.	Beaker 250ml	45
4.	Beaker 100ml	66
5.	Spiral condenser	2
6.	Boiling test tube	25
7.	Bulb condenser	6
8.	Standard flask 1000ml	4
9.	Standard flask 100ml	15
10.	Standard flask 50ml	6
11.	Standard flask 25ml	4
12.	Standard flask 10ml	6
13.	Separating funnel	16
14.	Soxhlet apparatus 250ml	1
15.	Measuring cylinder 1000ml	3
16.	Measuring cylinder 100ml	5
17.	Measuring cylinder 10ml	6
18.	Round bottom flask 2000ml	2
19.	Round bottom flask 1000ml	2
20.	Round bottom flask 500ml	2
21.	Round bottom flask 250ml ml two arms	1
22.	Round bottom flask two arms 1000ml	2
23.	Pipette 25ml	2
24.	Pipette 10ml	4
25.	Pipette 5ml	6
26.	Pipette 2ml	4
27.	Pipette 1ml	6
28.	Pipette .2ml	1
29.	Pipette .1ml	1
30.	Test tube	156
31.	Thermometer	9

S.No	Name of the Glassware	NUMBER
32.	Funnel	17
33.	Conical flask 250ml	6
34.	Iodine flask	3
35.	Watch glass	36
36.	Chemical spatula	5
37.	Soxhlet apparatus 2 litre	1
38.	Soxhlet apparatus 1 litre	1
39.	Plain condenser	1
40.	Plastic beaker 2000ml	6
41.	Glass rod	8
42.	Mortar & Pestle (small size)	1
43.	Reagent bottle 5 litres	2
44.	Specimen jar	16
45.	Bent tube	1
46.	Rubber tube	8 METERS
47.	B.P.Handle No.3	2
48.	R.B.C Pipette	39
49.	WBC pipette	46
50.	Hb pipette	20
51.	Micro slide box	3 BOXES
52.	Cover slip	2 BOXES
53.	E.S.R tube	23
54.	Filler	8
55.	Centrifuge tube	8
56.	Test tube stand	8
57.	Hammer	39
58.	Porcelaine tiles	28
59.	Dropper bottle	11
60.	PCV tube	19
61.	Medium size test tube	70
62.	Burette clamp (Rod type)	20
63.	Burette clamp (fisher type)	25
64.	Symes cannula	14
65.	Artery cannula	15
66.	Vennous cannula	16
67.	Warming coil for mono bath	5
68.	Tissue bath with side tube	6

DEPARTMENT OF PHARMACY PRACTICE

S.NO	NAME	TOTAL NUMBER
1.	IDIS/ CD-ROM - Drug Information data base From 1997 to till date Year 1997- 2008 Year 2009	1 1
2.	Computers with internet facilities	6
3.	Micro Medex Databases Drugdex CD Rom Version-Standalone user	1
4.	Graph pad Prism - software San Diego, CA 92130 USA.	1
5.	DOSE calculation	1
6.	On line Clinical Calculator	1
7.	PK Tutor 2	1
8.	Clinical Pharmacology	1
9.	Bichemical interaction	1
10.	Alternative Medicines	1
11.	Mosby's Medical Encyclopedia	1
12.	Drug store	1
13.	Life line-Encyclopedia of heart	1
14.	Family Health Advisor	1
15.	Haematology atlas	1
16.	Infectious Disease	1
17.	Harrison's Principles	1

S.No	NAME	TOTAL NUMBER
18.	Cancer Principles	1
19.	Immunology	1
20.	Glucoma Surgery	1
21.	Cancer Medicines	1
22.	Soft Tissue Tumours	1
23.	Cardio vascular Systems	1
24.	Urinary Systems	1
25.	Basic Pathology	1
26.	Cardiovascular Medicines	1
27.	Goodman & Gillman, The pharmacology & Therapeutics 10 th edn	1
28.	Physician Drug Manual	1
29.	Mosbys dosage and solutions	1
30.	IDR	1
29	B.P .1999	1
31.	Human anatomy and physiology	1
32.	Manage Stress	1
33.	Drugs(REC)	1
34.	Oxford surgical skills (3 Nos)	1
35.	Indian Journal of pharmacology	1
36.	Martindale 31 st edn	1
37.	Remington 17 th edn	1
38.	One bodies and how environment influence them : Digestion	1
39.	One bodies and how environment influence them : nervous system	1
40.	One bodies and how environment influence them : endocrine glands	1

S.No	NAME	TOTAL NUMBER
41.	One bodies and how environment influence them : Autonomic nervous system	1
42.	One bodies and how environment influence them :female	1
43.	Psychology the study of human Behavior: personality	1
44.	Psychology the study of human Behavior: psychotic disorder	1
45.	Human condition: brain attack	1
46.	Human condition : Diagnosis cancer	1
47.	Woman talk: Preventive health care	1
48.	Woman talk: pre-natal care	1
49.	Woman talk: post-natal care	1
50.	Woman talk: your first ecological Examination	1
51.	Save a life: Emergency first aid	1
52.	Soft tissue injuries & Bandaging	1
53.	Managing your emotions	1
54.	Drugs: How the affect the body Chemistry	1
55.	Drug: Treasure of health	1
56.	Drug updates	1
57.	Oxford text book of medicine	1
58.	Pathology	1
59.	Kidney	1
60.	Clinical neurology	1
61.	Psychiatry	1
62.	Surgery	1
63.	Surgery step by step approach	1

S.No	NAME	Total Number
64.	Diabetics	1
65.	Dermatology	1
66.	CCC-Dermatology	1
67.	Atlas of human brain	1
68.	Complete Acupuncture	1
69.	Drug updates	1
70.	Oxford text book of medicine	1
71.	Pathology	1
72.	kidney	1
73.	Clinical neurology	1
74.	Psychiatry	1
75.	Surgery	1
76.	Surgery step by step approach	1
77.	Diabetics	1
78.	Animal encyclopaedia	1
79.	Dermatology	1
80.	CCC-Dermatology	1
81.	Atlas of human brain	1
82.	Complete Acupuncture	1
83.	Ayurveda	1