

## Department of Pharmaceutics

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Ampoule sealing machine	1	1	Yes
2.	Magnetic stirrer 500ml & 1 Litr. capacity	5	10	Yes
3.	Aseptic cabinet	1	1	Yes
4.	Tablet coating machine	1	1	Yes
5.	Ball mill	1	1	Yes
6.	Double cone blender	1	1	Yes
7.	Autoclave	1	2	Yes
8.	Steam distillation still	1	1	Yes
9.	Vacuum pump	3	3	Yes
10.	Standard sieves no. 8, 10, 12, 22, 44, 66, 80	1	10	Yes
11.	Tablet punching machine	1	2	Yes
12.	Capsule filling machine	1	1	Yes
13.	Ampoules washing machine	1	1	Yes
14.	Tablet Disintegration apparatus	2	2	Yes
15.	Hardness tester	5	5	Yes
16.	Friability test apparatus	2	2	Yes
17.	Clarity test apparatus	1	2	Yes
18.	BOD Incubator	1	1	Yes
19.	Digital pH meter	5	5	Yes
20.	Bulk density	1	1	Yes
21.	Hot plate	5	5	Yes
22.	Humidity Chambers	1	1	Yes

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
23.	Tray dryer	1	1	Yes
24.	Moisture balance	1	1	Yes
25.	Water bath	5	5	Yes
26.	Ointment filling machine	1	1	Yes
27.	Capsule counter	2	2	Yes
28.	Homogenizer	5	5	Yes
29.	Digital balance	5	5	Yes
30.	Microscope	30	30	Yes
31.	Stage and eye piece micrometers	30	30	Yes
32.	Brookfield viscometer	1	1	Yes
33.	Sieve Shaker Machine	1	1	Yes
34.	Extractive Distillator	1	1	Yes
35.	Mechanical Stirrer	5	20	Yes
36.	Suppository mold	25	25	Yes
37.	Ultra Sonicator	4	4	Yes
38.	Sterility tester	1	1	Yes
39.	Franz Diffusion cell	5	5	Yes
40.	Hot Air Oven	5	5	Yes
41.	Tablet Dissolution test apparatus	2	2	Yes
42.	Mortar and Pestle	40	50	Yes
43.	Milli Pore Filter	1	1	Yes
44.	Vacuum Distillator	2	2	Yes
45.	Desiccators	5	5	Yes
46.	Refrigerator	2	2	Yes
47.	Tincture press	2	2	Yes
48.	Centrifuge	2	2	Yes
49.	Colony Counter	1	1	Yes
50.	Antibiotic Zone Rader	1	1	Yes

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
51.	Laminar Air Flow	1	1	Yes
52.	Micropipette single & Multi Channeled	4	6	Yes
53.	UV Cabinet	2	2	Yes

*Anna Balaji*

**PRINCIPAL**

## Department of Pharmaceutical Chemistry

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Refractometer	1	1	Yes
2.	Polarimeter	1	1	Yes
3.	Photoelectric colorimeter	1	1	Yes
4.	Atomic model set	2	2	Yes
5.	Electronic balance	2	2	Yes
6.	Hot plates	8	8	Yes
7.	Oven	5	5	Yes
8.	Refrigerator	2	2	Yes
9.	Analytical Balances for demonstration	5	10	Yes
10.	Digital balance 10mg sensitivity	5	5	Yes
11.	Suction pumps	5	6	Yes
12.	Muffle Furnace	2	2	Yes
13.	Mechanical Stirrers	5	10	Yes
14.	Magnetic Stirrers with Thermostat	10	10	Yes
15.	Vacuum Pump	2	2	Yes
16.	Digital pH meter	5	5	Yes
17.	Microwave Oven	2	2	Yes
18.	Distillation Unit	2	2	Yes
19.	Arsenic Limit Test Apparatus	20	25	Yes
20.	Reflux flask and condenser double / triple necked	20	20	Yes
21.	Nessler's Cylinders	50	50	Yes
22.	Reflux flask and condenser single	25	25	Yes

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
23.	Electronic water bath( 12 holes)	5	5	Yes
24.	Copper water bath	25	25	Yes
25.	Colorimeter	1	1	Yes
26.	UV- Visible Spectrophotometer	1	3	Yes
27.	Flourimeter	1	1	Yes
28.	Digital Balance (1mg sensitivity)	1	1	Yes
29.	Nephelo Turbidity meter	1	1	Yes
30.	Flame Photometer	1	1	Yes
31.	Potentiometer	1	1	Yes
32.	Conductivity meter	1	1	Yes
33.	HPLC	1	1	Yes
34.	Deep Freezer (Desirable)	1	1	Yes
35.	Ion- Exchanger	1	1	Yes
36.	Lyophilizer (Desirable)	1	1	Yes

*Anna Balaji*

**PRINCIPAL**

**Department of Pharmacology**

**List of Equipments:**

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
1.	Microscopes	20	20	Yes
2.	Haemocytometer with Micropipettes	20	28	Yes
3.	Sahli's haemocytometer	20	23	Yes
4.	Hutchinson's spirometer	1	1	Yes
5.	Spygmomanometer	10	10	Yes
6.	Stethoscope	10	10	Yes
7.	Different Contraceptive Devices and Models	1	5	Yes
8.	Pregnancy diagnosis kit	1	1	Yes
9.	Mercury thermometer	10	10	Yes
10.	Cell analyzer	1	1	Yes
11.	Permanent Slides for various tissues	1	50	Yes
12.	Models for various organs	1	10	Yes
13.	Specimen for various organs and systems	1	5	Yes
14.	Muscle electrodes	1	20	Yes
15.	Lucas moist chamber	1	1	Yes
16.	Myographic lever	1	1	Yes
17.	Stimulator	1	20	Yes
18.	Centrifuge	1	1	Yes
19.	Sherrington's kymograph machine / polyrite	10	23	Yes
20.	Sherrington drum	10	23	Yes
21.	Perspex bath assembly (single unit)	10	20	Yes
22.	Aerators	10	20	Yes

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
23.	Actophotometer	1	2	Yes
24.	Rotarod	1	1	Yes
25.	Pole climbing apparatus	1	1	Yes
26.	Analgesiometer (eddy's hot plate and radiant heat methods)	1	1	Yes
27.	Convulsiometer	1	2	Yes
28.	Plethysmograph	1	1	Yes
29.	Digital pH meter	1	1	Yes
30.	Histamine chamber	1	1	Yes
31.	Metabolic cage	1	2	Yes
32.	Dissection tray & boards	10	20	Yes
33.	Stereotaxic apparatus	1	1	Yes
34.	Digital glucometer	1	1	Yes
35.	Folin- wu tubes	60	60	Yes
36.	Hemostatic artery forceps	10	10	Yes
37.	Levers , cannula	20	40	Yes
38.	Hypodermic syringes & needles Size 15,24,26G	20	30	Yes

*Anna Balaji*

**PRINCIPAL**

## Department of Pharmacognosy

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Compound Microscope	30	30	Yes
2.	Dissecting Microscope	30	30	Yes
3.	Projection Microscope	2	2	Yes
4.	Binocular Microscope	1	1	Yes
5.	Polarized Microscope	1	1	Yes
6.	Electronic Digital balance	2	2	Yes
7.	Autoclave	2	2	Yes
8.	Hot air oven	2	2	Yes
9.	Refrigerator	1	1	Yes
10.	Zone reader	1	1	Yes
11.	Digital pH Meter	1	1	Yes
12.	Colorimeter	1	1	Yes
13.	Sterility testing unit	1	1	Yes
14.	Camera lucida	20	27	Yes
15.	Eye piece micrometer	20	20	Yes
16.	Stage micrometer	20	20	Yes
17.	Muffle furnace	1	1	Yes
18.	Moisture balance	1	1	Yes
19.	Heating Mantles-Small	4	5	Yes
20.	Vacuum pump	2	2	Yes
21.	Micropipette single & Multi Channeled	2	5	Yes
22.	Micro Centrifuge	1	1	Yes
23.	Electric water bath	4	4	Yes



<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
24.	Hot plate	4	4	Yes
25.	Microtome rotary	1	1	Yes
26.	Mixer grinder	2	2	Yes
27.	UV Cabinet	2	2	Yes
28.	Water Distillation unit	1	1	Yes
29.	Cutter Mill (Bark and seed grinder)	1	1	Yes
30.	Permanent Slide	Adequate	50	Yes
31.	Sonicator	1	1	Yes
32.	Electrophoresis	1	1	Yes
33.	Fermentor	1	1	Yes
34.	Rotary Shaker	1	1	Yes

*Anna Balaji*

**PRINCIPAL**

## Department of Pharmacy Practice

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Centrifuge	1	1	Yes
2.	Filling Machine	1	1	Yes
3.	Sealing Machine	1	1	Yes
4.	Glucometer	1	1	Yes
5.	Sintered glass funnel with complete filtering assemble	Adequate	2	Yes
6.	Small disposable membrane filter for IV admixture filtration	Adequate	2	Yes
7.	Vacuum pump	1	1	Yes
8.	pH meter	1	1	Yes
9.	Blood Pressure Apparatus and stethoscope	10	10	Yes
10.	Clinical thermometer	10	10	Yes

*Anna Balaji*

**PRINCIPAL**

## Department of Biotechnology

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Orbital shaker incubator	01	01	Yes
2.	Lyophilizer (Desirable)	01	01	Yes
3.	Gel Electrophoresis (Vertical and Horizontal)	01	01	Yes
4.	Phase contrast/Trinocular Microscope	01	01	Yes
5.	Refrigerated Centrifuge	01	01	Yes
6.	Fermenters of different capacity (Desirable)	01	01	Yes
7.	Tissue culture station	01	01	Yes
8.	Laminar airflow unit	01	01	Yes
9.	Diagnostic kits to identify infectious agents	01	01	Yes
10.	Rheometer	01	01	Yes
11.	Viscometer	01	01	Yes
12.	Micropipettes (single and multi channeled)	01 each	01 each	Yes
13.	Sonicator	01	01	Yes
14.	Respinometer	01	01	Yes
15.	BOD Incubator	01	01	Yes
16.	Paper Electrophoresis Unit	01	01	Yes
17.	Micro Centrifuge	01	01	Yes

<b>S.No.</b>	<b>Name of Equipment</b>	<b>Minimum Required</b>	<b>Available</b>	<b>Working Yes/No</b>
18.	Incubator water bath	01	01	Yes
19.	Autoclave	01	01	Yes
20.	Refrigerator	01	01	Yes
21.	Filtration Assembly	01	01	Yes
22.	Digital pH meter	01	01	Yes

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**PRINCIPAL**

## Central Instrumentation Room

### List of Equipments:

S.No.	Name of Equipment	Minimum Required	Available	Working Yes/No
1.	Colorimeter	01	01	Yes
2.	Digital pH meter	01	01	Yes
3.	UV- Visible Spectrophotometer	01	01	Yes
4.	Flourimeter	01	01	Yes
5.	Digital Balance (1mg sensitivity)	01	01	Yes
6.	Nephelo Turbidity meter	01	01	Yes
7.	Flame Photometer	01	01	Yes
8.	Potentiometer	01	01	Yes
9.	Conductivity meter	01	01	Yes
10.	Fourier Transform Infra Red Spectrometer (Desirable)	01	01	Yes
11.	HPLC	01	01	Yes
12.	Deep Freezer (Desirable)	01	01	Yes
13.	Ion- Exchanger	01	01	Yes
14.	Lyophilizer (Desirable)	01	01	Yes

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