

## SIF - B

	Zone reader	1	1	Yes
	Digital pH meter	1	1	Yes
11	Microscope with stage and oil immersion objective	20	0	No
12	Sterility testing unit	1	0	No
13	Camera Lucida	15	20	Yes
14	Eye piece micrometer	15	20	Yes
15	Stage micrometer	20	16	Yes
16	Incinerator	1	0	No
17	Moisture balance	1	1	Yes
18	Heating mantle	15	20	Yes
19	Flourimeter	1	1	Yes
20	Vacuum pump	2	3	Yes
21	Micropipettes (Single and multi channeled)	2	5	Yes
22	Micro Centrifuge	1	1	Yes
23	Projection Microscope	1	1	Yes

**Appratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Reflux flask with condenser	20	21	Yes	
2	Water bath	20	22	Yes	
3	Clavengers apparatus	10	10	Yes	
4	Soxhlet apparatus	10	10	Yes	
5	TLC chamber and sprayer	10	11	Yes	
6	Distillation unit	1	1	Yes	

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

**Department of Pharmaceutical Chemistry****Equipments:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Hot plates	5	5	Yes	
2	Oven	3	3	Yes	
3	Refrigerator	1	1	Yes	
4	Analytical Balances for demonstration	5	5	Yes	
5	Digital balance 10mg sensitivity	10	10	Yes	
6	Suction pumps	6	7	Yes	
7	Muffle Furnace	1	1	Yes	
8	Mechanical Stirrers	10	10	Yes	
9	Magnetic Stirrers with Thermostat	10	5	Yes	
10	Vacuum Pump	1	3	Yes	
11	Digital pH meter	1	1	Yes	
12	Microwave Oven	1	1	Yes	

**Appratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Distillation Unit	2	2	Yes	
2	Reflux flask and condenser single necked	20	22	Yes	
3	Reflux flask and condenser double / triple necked	20	20	Yes	
4	Burettes	40	100	Yes	
5	Arsenic Limit Test Apparatus	20	25	Yes	
6	Nessler's Cylinders	40	50	Yes	

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

**Department of Pharmaceutics****Equipments:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Homogenizer	5	10	Yes	
2	Digital balance (10 mg sensitivity)	5	1	Yes	
3	Microscopes	5	5	Yes	
4	Stage and eye piece micrometers	5	5	Yes	
5	Brookfield's viscometer	1	0	No	
6	Ball mill	1	3	Yes	
7	Sieve shaker with sieve set	1	1	Yes	
8	Double cone blender	1	1	Yes	
9	Propeller type mechanical agitator	5	3	Yes	
10	Autoclave	1	1	Yes	
11	Steam distillation still	1	1	Yes	
12	Vacuum Pump	1	1	Yes	
13	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	0	10	Yes	