

## SIF - B

	1	2	Yes
Tablet punching machine	1	1	Yes
Capsule filling machine	1	1	Yes
Ampoule washing machine	1	1	Yes
Ampoule filling and sealing machine	1	2	Yes
Tablet disintegration test apparatus IP	1	3	Yes
Tablet dissolution test apparatus IP	1	3	Yes
Monsanto's hardness tester	1	1	Yes
Pfizer type hardness tester	1	1	Yes
Friability test apparatus	1	1	Yes
Clarity test apparatus	1	2	Yes
Ointment filling machine	1	2	Yes
Collapsible Tube Crimping Machine	1	1	Yes
Tablet coating pan	10	10	Yes
Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control	2	1	Yes
Digital pH meter	1	1	Yes
All purpose equipment with all accessories	1	2	Yes
Aseptic Cabinet	2	1	Yes
BOD Incubator	1	1	Yes
Bottle washing Machine	1	1	Yes
Bottle Sealing Machine	2	1	Yes
Bulk Density Apparatus	10	10	Yes
Conical Percolator (glass/ copper/ stainless steel)	2	1	Yes
Capsule Counter	2	2	Yes
Energy meter	2	2	Yes
Hot Plate	1	1	Yes
Humidity Control Oven	1	1	Yes
Liquid Filling Machine	2	2	Yes
Mechanical stirrer with speed regulator	1	1	Yes
Precision Melting point Apparatus	1	1	Yes
Tray Drier	1	1	Yes
Distillation Unit	1	1	Yes

**ppratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Ostwald's viscometer	15	20	Yes	
2	Stalagmometer	15	20	Yes	
3	Desiccator	5	5	Yes	
4	Suppository moulds	20	20	Yes	
5	Buchner Funnels Small, medium, large	0	5	Yes	
6	Filtration assembly	1	1	Yes	
7	Permeability Cups	5	6	Yes	
8	Andreason's Pipette	3	6	Yes	
9	Lipstick moulds	10	10	Yes	

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

**Pharmaceutical Biotechnology**

**Equipments:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	F
1	Orbital shaker incubator	1	1	Yes	
2	Lyophilizer (Desirable)	1	0	No	
3	Gel Electrophoresis (Vertical and Horizontal)	1	1	Yes	
4	Phase contrast/Trinocular Microscope	1	1	No	
5	Refrigerated Centrifuge	1	1	Yes	
6	Fermenters of different capacity (Desirable)	1	0	No	
7	Tissue culture station	1	1	Yes	
8	Laminar airflow unit	1	1	Yes	
9	Diagnostic kits to identify infectious agents	1	0	No	
10	Rheometer	1	1	Yes	
11	Viscometer	0	1	Yes	
12	Micropipettes (single and multi channeled)	1	1	Yes	
13	Sonicator	1	1	Yes	
14	Respinometer	1	1	Yes	
15	BOD Incubator	1	1	Yes	
16	Paper Electrophoresis Unit	1	0	No	
17	Micro Centrifuge	1	0	No	
18	Incubator water bath	1	1	Yes	
19	Autoclave	1	1	Yes	
20	Refrigerator	1	1	Yes	
21	Filtration Assembly	1	1	Yes	