

## PHARMACY COUNCIL OF INDIA

Standard Inspection Form(SIF-BP) for obtaining prior permission of  
Pharmacy Council of India for conducting the Bachelor of Pharmacy (Practice) course.

(To be filled and submitted to PCI by an organization seeking approval of the  
course / continuation of the approval)

(SIF-BP)

*To be filled up by P.C.I.**To be filled up by inspectors*

Inspection No. :

Date of Inspection:

FILE No. :

NAME OF THE INSPECTORS: 1.  
(IN BLOCK LETTERS)  
2.

1. Name of the Course Conducting Authority	Bharati Vidyapeeth's Deemed University Poona College of Pharmacy
2. Complete Postal Address of the Course Conducting Authority	Poona College of Pharmacy, Erandwane Educational Complex, Paud Road, Erandawane, PUNE-411 038
3. Year of establishment of the Institution	1981
4. Approval status of the Institution for conducting Bachelor of Pharmacy (B.Pharm) Course: (Copy of the latest approval to be enclosed)	Approved (upto 2019-20)
5. No objection / consent of affiliation from Examining Authority (i.e, University) for starting the course: (Copy of the letter to be enclosed)	Yes
6. Deficiencies as pointed out in the latest Inspection Report: (Use separate sheet)	No Deficiency
7. Proposed date of commencement of the course:	20th June 2016
8. Proposed intake capacity : 40	40
9. Proposed Time schedule for conducting the course	June 2016 to April 2017

Signature of the Head of the Institution

Signature of the Inspectors

**10. Details of teaching staff in the specified subject in the following format:**

Name of the Department	Sl. No.	Name of the Teachers	Working experience in the Institution	Qualification	Experience	Existing Teaching Load	Any Experience in Hospital/Community/Clinical Research/Practice	Remarks of Inspectors
1	2	3	4	5	6	7	8	
Pharmaceutics	1.	Dr. A P Pawar		Ph.D.			8 yrs as trainer for community pharmacist in MSPC CPE program	
	2.	Dr. V Pokharkar	20	Ph.D.	25	11 hrs/wk		
	3.	Dr. R N Kamble	17.2	Ph.D.	18.2	14hrs/wk		
	4.	Dr. Bothiraja C	3	Ph.D.	14	12hrs/wk		
	5.	Dr. Sharvil Patil	7.4	Ph.D.	7.4	16hrs/wk		
	6.	Dr. Kolhe	4	Ph.D.	7	21hrs/wk		
	7.	Dr. V V Dhapte	6	Ph.D.	6.5	17 hrs/wk		
	8.	Dr. A J Mali	6.5	Ph.D.	9	22hrs/wk		
Pharmacology	1.	Prof. G N Zambre	33	M.Pharm	33	13hrs/wk		
	2.	Dr. Arul Mozhi	7.5	Ph.D	12	19hrs/wk		
	3.	Dr. B D Siraskar	1.6	Ph.D.	1.6	19hrs/wk		
	4.	Dr. G opal Biyani	8 months	Ph.D.	8 months	14hrs/wk		
	5.	Mr. Kiran Dhawale	2.5	M.Pharm	5	18/hrs/wk		
Pharmacy Practice	1.	Ms. Asawari Raut	6.2	M.Pharm	6.2	17hrs/wk	6 yrs of hospital and community research Clinical research 6 yrs 6yrs research and development 6 yrs hospital and community research Clinical Research and medical writing 1 year each	
	2.	Ms. Sunita Pawar	3.8	M.Pharm	8.8	14hrs/wk		
	3.	Ms. Manjusha Sajith	5	M.Pharm	11	18hrs/wk		
	4.	Mr. B K Panda	5.7	M.Pharm	8.7	18hrs/wk		
	5.	Dr. Prasanna Deshpande	5 months	Pharm.D.	4.5	16 hrs/wk		

**11. Declaration of the teachers for teaching the additional Course:  
(Declarations from teachers to be enclosed)****12. Whether visiting/part-time teachers is appointed:  
(If yes, furnish the details in the following proforma)**

Sl.No.	Name of the Teacher	Qualification	Practice Experience	Present attachment	Remarks of Inspectors
1					

**13. Enclose the acceptance from the visiting teachers as identified: Enclosed****14. Whether the Institution/Trust is running a Model Community Pharmacy: NO****15. If not, is there any planning to start the same in near future? YES**

Signature of the Head of the Institution

Signature of the Inspectors

**Minimum requirement for obtaining the  
approval of Pharmacy Council of India for  
conducting the Bachelor of Pharmacy  
(Practice) Course**

**PART I - PRINCIPAL**

Qualification/ Experience	Qualification	Teaching Experience	Available	Remarks of Inspectors
	M. Pharm	15 years, out of which 5 years as Prof. /HOD	35 yrs	
	Ph.D	10 years, out of which at least 05 years as Asst. Prof		

**PART II PHYSICAL INFRASTRUCTURE:**

Availability of Land (details): 9.6 acres

- a. Building : **Own**
- b. Total built up area of the college building in Sq.mts : 7986 Sq.mts
- c. Amenities and Circulation Area : 130 Sq.mts

**2. Class rooms:**

Total number of class rooms provided for D. Pharm and B. Pharm/Bachelor of Pharmacy (Practice) course

Class	Required	Available numbers	Required Area * for each Class	Available	Remarks of Inspectors
D. Pharm	02		90 Sq. mts each		
B. Pharm	04	06	90 Sq. mts each (Desirable) 75 Sq. mts each (Essential)	Yes	
Bachelor of Pharmacy (Practice)	01	01	40 Sq. mts each	Yes	

(\* To accommodate 60 students)

**3. Laboratory requirement for both D. Pharm and B. Pharm and Bachelor of Pharmacy (Practice) course.**

Sl. No.	Infrastructure for	Requirement as per Norms	Available		Remarks of the Inspectors
			Number	Area in Sq. mts.	
1	Laboratory Area for B. Pharm Course (10 Labs) Laboratory area for D. Pharm Course (03 Labs)	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	10	877	
2	Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy	03 Laboratories 03 Laboratories 01 Laboratory 03 Laboratories 02 Laboratories	03 02 01 02 01	225 150 75 160 75	

Signature of the Head of the Institution

Signature of the Inspectors

Sl. No.	Infrastructure for	Requirement as per Norms	Available		Remarks of the Inspectors
			Number	Area in Sq. mts.	
	Pharmaceutical Biotechnology (Including Aseptic Room) Total No. Laboratories for B.Pharm and D.Pharm Course	01 Laboratory  13 Laboratories *	01	102	
3	Preparation Room for each lab (One room can be shared by two labs, if it is in between two labs)	10 sq mts (Minimum)	09	90	
4	Area of the Machine Room	80-100 Sq.mts	07	560	
5	Central Instrument Room	80 Sq.mts with A/ C	01	85	
6	Store Room – I	1 (Area 100 Sq mts)	01	100	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01	20	

\*For D. Pharm and B. Pharm both.

1. All the Laboratories should be well lit & ventilated.
2. All Laboratories should be provided with basic amenities and services like exhaust fans and fuming chamber to reduce the pollution wherever necessary.
3. The workbenches should be smooth and easily cleanable preferably made of non-absorbent material.
4. The water taps should be non-leaking and directly installed on sinks. Drainage should be efficient.
5. Balance room should be attached to the concerned laboratories.

#### 4. Administration Area:

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms in area	Available		Remarks of the Inspectors
				Number	Area in Sq. mts.	
1	Principal's Chamber	01	30 Sq .mts	01	44	
2	Office – I – Establishment	01	60 Sq. mts	03	138	
3	Office – II – Academics					
4	Confidential Room					

Signature of the Head of the Institution

Signature of the Inspectors

**5. Staff Facilities:**

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms in area	Available		Remarks of the Inspectors
				Number	Area in Sq. mts.	
1	HODs rooms for B.Pharm Course	Minimum 4	20 Sq mts x 4	04	100	
2	Faculty Rooms for D.Pharm & B.Pharm course		10 Sq mts × n (n=No. of Teachers)	07	400	
3	Faculty Rooms for Bachelor of Pharmacy (Practice) course		10 Sq mts × n (n=No. of teachers)	05	50	

**6. Museum, Library, Animal House and other Facilities:**

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms in area	Available		Remarks of the Inspectors
				Number	Area in Sq. mts.	
1	Animal experimentation learning modules	01		01	100	
2	Library	01	150 Sq. mts	01	260	
3	Museum	01	50 Sq. mts (May be attached to the Pharmacognosy lab)	01	80	
4	Model Pharmacy  Essential: Running Model Community Pharmacy  Desirable Drug Model Store	01	80 Sq.mts (including 10 Sq.mt for Drug Information Centre & 10 Sq.mt. for Patient Counselling)			
5	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 Seating capacity	02	500	
6	Herbal Garden (Desirable)	01	Adequate number of medicinal Plants	01	3000	

Signature of the Head of the Institution

Signature of the Inspectors

**7. Student Facilities:**

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms in area	Available		Remarks of the Inspectors
				Number	Area in Sq. mts.	
1	Girl's Common Room (Essential)	01	60 Sqmts	01	60	
2	Boy's Common Room (Essential)	01	60 Sq.mts	01	60	
3	Toilet Blocks for Boys	01	24 Sq.mts	05	125	
4	Toilet Blocks for Girls	01	24 Sq.mts	05	125	
5	Drinking Water facility – Water cooler (Essential).	01	-	06	60	
6	Boy's Hostel (Desirable)	01	9 Sq mts/ Room Single Occupancy	01	200	
7	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	01	200	
8	Power Backup Provision (Desirable)	01		01	60	

**8. Computer and other Facilities:**

Name	Required	Remarks of Inspectors
Computer Room for B.Pharm Course	01 system for every 2 students (with internet and Printer facilities) (Area 75 Sq mts)	
Computer For Model Pharmacy	As required for teaching and practice purposes and for drug information services	
Computer (Latest configuration)	1 system for every 10 students (UG & PG)	
Printers	1 printer for every 10 computers	
Multi Media Projector	01	
Generator (5KVA)	01	

Signature of the Head of the Institution

Signature of the Inspectors

### 9. Library books and periodicals

The minimum norms for the initial stock of books, yearly addition of the books and the number of journals to be subscribed are as given below:

Item	Titles (No)	Minimum Volumes (No)	Available		Remarks of Inspectors
			Titles	No.	
Number of books	150	1500 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	7463	24587	
Annual addition of books		150 books per year	146	1558	
Periodicals Hard copies / online		10 National 05 International periodicals	13 15037 e-journals		
CDS		Adequate Nos	100		
Internet Browsing Facility		Yes/No (Minimum ten Computers)	Yes		
Reprographic Facilities: Photo Copier Fax Scanner		01 01 01	Available		

### 10. A. Subject wise Classification:

Sl. No	Subject			Remarks of Inspectors
		Titles	Numbers	
1	Pharmaceutics	190	427	
2	Pharmaceutical Chemistry	1075	2530	
3	Pharmacognosy	390	1047	
4	Biochemistry and Clinical Pathology	185	450	
5	Human Anatomy and Physiology	222	891	
6	Health Education and Community Pharmacy	171	298	
7	Pharmacy Practice	185	307	
8	Pharmacology and Toxicology	440	1638	
9	Pharmaceutical Jurisprudence	180	313	
10	Drug Store and Business Management	171	298	
11	Hospital and Clinical Pharmacy	362	837	
12	Social Pharmacy	359	798	

### 10. B. Library Staff:

	Staff	Qualification	Required	Available	Remarks of Inspectors
1	Librarian	M. Lib	1	1	
2	Assistant Librarian	D. Lib	1	1	
3	Library Attenders	10 +2 / PUC	2	2	

Signature of the Head of the Institution

Signature of the Inspectors

**PART III ACADEMIC REQUIREMENTS****A. Faculty requirements:****1. Student Staff Ratio:**

(Required ratio --- Theory → 40:1 and Assignment → 10:1.

**2. Minimum No. of working days for B. PHARM PRACTICE:**

180

**3. Staff Pattern for B. Pharm & B.Pharm (Practice) courses department wise:**

Professor : Asst. Professor : Lecturer

Department / Division	Name of the post	For strength of 60 students of B.Pharm & 40 students of B.Pharm (Practice)	Available	Remarks of Inspectors
Department of Pharmaceutics	Professor	1	1	
	Asst. Professor	1	2	
	Lecturer	4	5	
Department of Pharmaceutical Chemistry (including Pharmaceutical Analysis)	Professor	1	2	
	Asst. Professor	1	1	
	Lecturer	4	6	
Department of Pharmacology	Professor	1	0	
	Asst. Professor	1	2	
	Lecturer	5	3	
Department of Pharmacognosy	Professor	1	0	
	Asst. Professor	1	1	
	Lecturer	2	1	
Department of Pharmacy Practice	Professor	1	0	
	Asst. Professor	2	0	
	lecturer	2	5	

**4. Teaching Staff required year wise exclusively for B. Pharm (Practice) for intake of 40 Students.**

	Staff required for I B. Pharm Practice	Staff required for II B. Pharm Practice	Available		Remarks of Inspectors
			Ist Year	IInd Year	
Principal	1	1	1	1	
Pharmacology	1	1	1	1	
Pharmaceutics	1	1	1	1	
Pharmacy Practice	2	2	2	2	
Part time teaching Staff For pathophysiology and pharmacotherapeutics	As required	As required	NA	NA	

At least 2 teachers shall possess M.Pharm (Pharmacy Practice) or Pharm D. Qualification.

Signature of the Head of the Institution

Signature of the Inspectors



**5. Number of non-teaching staff available for D. Pharm and B. Pharm course for intake of 60 students:**

Sl. No.	Designation	Required Number	Required Qualification	Available		Remarks of the Inspectors
				Number	Qualification	
1	Laboratory Technician	1 for each Dept	D. Pharm	7		
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	7	SSC	
3	Office Superintendent	1	Degree	1	BA	
4	Accountant	1	Degree	1	BA	
5	Store keeper	1	D. Pharm/ Degree	2	BA	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	--	--	
7	First Division Assistant	1	Degree	1	B.Com	
8	Second Division Assistant	2	Degree	2	BA	
9	Peon	2	SSLC	11	SSC	
10	Cleaning personnel	Adequate	---	3		
11	Gardener	Adequate	---	1		

**B. DOCUMENTATION****Records to be maintained: Essential**

Sl. No	Records	Available	Remarks of Inspectors
1	Admissions Registers	Available	
2.	Individual Service Register	Available	
3.	Staff Attendance Registers	Available	
4.	Sessional Marks Register	Available	
5.	Final Marks Register	Available	
6.	Student Attendance Registers	Available	
7.	Minutes of meetings- Teaching Staff	Available	
8.	Fee paid Registers	Available	
9.	Acquittance Registers	Available	
10.	Accession Register for books and Journals in Library	Available	
11.	Log book for chemicals and Equipment costing more than Rupees one lakh	Available	
12.	Job Cards for laboratories	Available	
13.	Standard Operating Procedures (SOP's) for Equipment	Available	
14.	Laboratory Manuals	Available	
15.	Stock Register for Equipment	Available	
16.	Animal House Records as per CPCSEA	Available	
17.	Record of submission of Assignments by students	Available	
18.	Record of Case presentation/Seminars conducted	Available	

**PART IV – EQUIPMENT AND APPARATUS**

The institution shall comply fully by having all equipments as prescribed for B.Pharm course.

Signature of the Head of the Institution

Signature of the Inspectors

## DEPARTMENT OF PHARMACOLOGY

## Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscopes	20	25	Yes	
2	Haemocytometer with Micropipettes	20	23	Yes	
3	Sahli's haemocytometer	20	20	Yes	
4	Hutchinson's spirometer	01	1	Yes	
5	Spygmomanometer	10	10	Yes	
6	Stethoscope	10	15	Yes	
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands One slide of each organ system	1 set	Yes	
8	Models for various organs	One model of each organ system	1 set	Yes	
9	Specimen for various organs and systems	One model for each organ system	1 set	Yes	
10	Skeleton and bones	One set of skeleton and one spare bone	1 set	Yes	
11	Different Contraceptive Devices and Models	One set of each device	1 set	Yes	
12	Muscle electrodes	01	1	Yes	
13	Lucas moist chamber	01	1	Yes	
14	Myographic lever	01	1	Yes	
15	Stimulator	01	1	Yes	
16	Centrifuge	01	3	Yes	
17	Digital Balance	01	6	Yes	
18	Physical /Chemical Balance	01	2	Yes	
19	Sherrington's Kymograph Machine / Polyrite	10	11	Yes	

20	Sherrington Drum	10	15	Yes	
21	Perspex bath assembly (single unit)	10	15	Yes	
22	Aerators	10	20	Yes	
23	Computer with LCD	01	4	Yes	
24	Software packages for experiment	01	3	Yes	
25	Standard graphs of various drugs	Adequate number	-	Yes	
26	Actophotometer	01	1	Yes	
27	Rotarod	01	1	Yes	
28	Pole climbing apparatus	01	1	Yes	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01	1	Yes	
30	Convulsiometer	01	1	Yes	
31	Plethysmograph	01	1	Yes	
32	Digital pH meter	01	5	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required No.s	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Folin-Wu tubes	60	62	Yes	
2	Dissection Tray and Boards	10	12	Yes	
3	Haemostatic artery forceps	10	13	Yes	
4	Hypodermic syringes and needles of size 15,24,26G	10	15	Yes	
5	Levers, cannulae	20	22	Yes	

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

**DEPARTMENT OF PHARMACOGNOSY****Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscope with stage micrometer	20	20	Yes	
2	Digital Balance	02	3	Yes	
3	Autoclave	02	2	Yes	
4	Hot air oven	02	2	Yes	

5	B.O.D.incubator	12	01	1	Yes	
6	Refrigerator		01	2	Yes	
7	Laminar air flow		01	2	Yes	
8	Colony counter		02	2	Yes	
9	Zone reader		01	1	Yes	
10	Digital pH meter		01	2	Yes	
11	Sterility testing unit		01	2	Yes	
12	Camera Lucida		20	22	Yes	
13	Eye piece micrometer		20	22	Yes	
14	Incinerator		01	1	Yes	
15	Moisture balance		01	1	Yes	
16	Heating mantle		20	26	Yes	
17	Flourimeter		01	1	Yes	
18	Vacuum pump		02	2	Yes	
19	Micropipettes (Single and multi channeled)		05	8	Yes	
20	Micro Centrifuge		01	2	Yes	
21	Projection Microscope		01	1	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Reflux flask with condenser	20	22	Yes	
2	Water bath	20	22	Yes	
3	Clavengers apparatus	10	11	Yes	
4	Soxhlet apparatus	10	12	Yes	
5	TLC chamber and sprayer	10	11	Yes	
6	Distillation unit	01	3	Yes	

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

**DEPARTMENT OF PHARMACEUTICAL CHEMISTRY Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Hot plates	05	10	Yes	
2	Oven	03	3	Yes	
3	Refrigerator	01	2	Yes	

4	Analytical Balances for demonstration	05	5	Yes	
5	Digital balance 10mg sensitivity	10	10	Yes	
6	Digital Balance (1mg sensitivity)	01	1	Yes	
7	Suction pumps	06	7	Yes	
8	Muffle Furnace	01	1	Yes	
9	Mechanical Stirrers	10	10	Yes	
10	Magnetic Stirrers with Thermostat	10	10	Yes	
11	Vacuum Pump	01	1	Yes	
12	Digital pH meter	01	4	Yes	
13	Microwave Oven	02	2	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Distillation Unit	02	2	Yes	
2	Reflux flask and condenser single necked	20	22	Yes	
3	Reflux flask and condenser double / triple Necked	20	21	Yes	
4	Burettes	100	106	Yes	
5	Arsenic Limit Test Apparatus	25	25	Yes	
6	Nessler's Cylinders	50	50	Yes	

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

**DEPARTMENT OF PHARMACEUTICS**

**Equipment:**

Sl. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Mechanical stirrers	20	21	Yes	
2	Homogenizer	10	10	Yes	
3	Digital balance	05	5	Yes	
4	Microscopes	10	11	Yes	
5	Stage and eye piece micrometers	15	15	Yes	
6	Brookfield's viscometer	01	1	Yes	
7	Tray dryer	01	1	Yes	
8	Ball mill	01	1	Yes	

9	Sieve shaker with sieve set	14	01	1	Yes	
10	Double cone blender		01	1	Yes	
11	Propeller type mechanical agitator		05	5	Yes	
12	Autoclave		01	2	Yes	
13	Steam distillation still		01	2	Yes	
14	Vacuum Pump		01	2	Yes	
15	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80		10 sets	10 sets	Yes	
16	Tablet punching machine		01	1	Yes	
17	Capsule filling machine		01	1	Yes	
18	Ampoule washing machine		01	1	Yes	
19	Ampoule filling and sealing machine		01	1	Yes	
20	Tablet disintegration test apparatus IP		02	1	Yes	
21	Tablet dissolution test apparatus IP		01	1	Yes	
22	Monsanto's hardness tester		02	3	Yes	
23	Pfizer type hardness tester		01	1	Yes	
24	Friability test apparatus		01	1	Yes	
25	Clarity test apparatus		01	1	Yes	
26	Ointment filling machine		01	1	Yes	
27	Collapsible tube crimping machine		01	1	Yes	
28	Tablet coating pan		01	1	Yes	
29	Magnetic stirrer, 500ml and 1 liter capacity with speed control		05 EACH 10	5 each 10	Yes	
30	Digital pH meter		01	5	Yes	
31	All purpose equipment with all accessories		01	1	Yes	
32	Aseptic Cabinet		01	1	Yes	
33	BOD Incubator		02	2	Yes	
34	Bottle washing Machine		01	1	Yes	
35	Bottle Sealing Machine		01	1	Yes	
36	Bulk Density Apparatus		02	2	Yes	
37	Conical Percolator (glass/ copper/ stainless steel)		10	10	Yes	
38	Capsule Counter		02	2	Yes	
39	Energy meter		02	2	Yes	
40	Hot Plate		02	4	Yes	
41	Humidity Control Oven		01	1	Yes	
42	Liquid Filling Machine		01	1	Yes	

43	Mechanical stirrer with speed regulator	02	3	Yes	
44	Precision Melting point Apparatus	01	1	Yes	
45	Distillation Unit	01	1	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Ostwald's viscometer	20	24	Yes	
2	Stalagmometer	20	25	Yes	
3	Desiccator*	10	10	Yes	
4	Suppository moulds	20	25	Yes	
5	Buchner Funnels (Small, medium, large)	05 each	05 each	Yes	
6	Filtration assembly	01	1	Yes	
7	Permeability Cups	05	5	Yes	
8	Andreason's Pipette	05	5	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**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Orbital shaker incubator	01	1	Yes	
2	Lyophilizer (Desirable)	01	1	Yes	
3	Gel Electrophoresis (Vertical and Horizontal)	01	1	Yes	
4	Phase contrast/Trinocular Microscope	01	1	Yes	
5	Refrigerated Centrifuge	01	1	Yes	
6	Fermenters of different capacity (Desirable)	01	1	Yes	
7	Tissue culture station	01	1	Yes	
8	Laminar airflow unit	01	2	Yes	
9	Diagnostic kits to identify infectious Agents	01	1	Yes	
10	Rheometer	01	1	Yes	
11	Viscometer	01	1	Yes	
12	Micropipettes (single and multi channeled)	01 each	1 each	Yes	
13	Sonicator	01	2	Yes	

14	Respinometer	16	01	1	Yes	
15	BOD Incubator		01	1	Yes	
16	Paper Electrophoresis Unit		01	1	Yes	
17	Micro Centrifuge		01	1	Yes	
18	Incubator water bath		01	1	Yes	
19	Autoclave		01	2	Yes	
20	Refrigerator		01	1	Yes	
21	Filtration Assembly		01	1	Yes	
22	Digital pH meter		01	2	Yes	

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

**CENTRAL INSTRUMENTATION ROOM:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	01	1	Yes	
2	Digital pH meter	01	1	Yes	
3	UV- Visible Spectrophotometer	01	1	Yes	
4	Flourimeter	01	1	Yes	
5	Digital Balance (1mg sensitivity)	01	1	Yes	
6	Nephelo Turbidity meter	01	1	Yes	
7	Flame Photometer	01	1	Yes	
8	Potentiometer	01	1	Yes	
9	Conductivity meter	01	1	Yes	
10	Fourier Transform Infra Red Spectrometer (Desirable)	01	1	Yes	
11	HPLC	01	2	Yes	
12	HPTLC (Desirable)	01	1	Yes	



13	Atomic Absorption and Emission spectrophotometer (Desirable)	01	1	Yes	
14	Biochemistry Analyzer (Desirable)	01	1	Yes	
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	1	Yes	
16	Deep Freezer (Desirable)	01	1	Yes	
17	Ion- Exchanger	01	1	Yes	
18	Lyophilizer (Desirable)	01	1	Yes	

**Signature of the Head of the Institution**

**Signature of the Inspectors**

**Signature of the Head of the Institution**

**Signature of the Inspectors**