

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.

2.

1. Name of the Course Conducting Authority	University School of Pharmaceutical Sciences
2. Complete Postal Address of the Course Conducting Authority	Dean, University School of Pharmaceutical Sciences Rayat-Bahra University V.P.O. Sahauran, Tehsil Kharar, Distt. Mohali PIN – 140104 Punjab India
3. Year of establishment of the Institution	2006
4. Approval status of the Institution for conducting Bachelor of Pharmacy (B.Pharm) Course: (Copy of the latest approval to be enclosed)	2016-2017 (Annexure I)
5. No objection / consent of affiliation from Examining Authority (i.e, University) for starting the course: (Copy of the letter to be enclosed)	Consent Letter (Annexure II)
6. Deficiencies as pointed out in the latest Inspection Report: (Use separate sheet)	Attached (Annexure III)
7. Proposed date of commencement of the course:	15 th Jul 2016
8. Proposed intake capacity : 40	40
9. Proposed Time schedule for conducting the course	2 Years

Signature of the Head of the Institutions

1

Signature of 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	Remarks of Inspectors
1	2	3	4	5	6	7	8	
Pharmaceutics	1	Ms. Kanupriya	6 Years	M.Pharm	10 Years	10 Hr/week	Yes	
Pharmacology	2	Ms. Ladli Kumari	1 year	M.Pharm	4 Years	10 Hr/Week	Yes	
Pharmacy Practice	3	Ms. Ashish Kumari	1 Year	M.Pharm	1 Year	12 Hr/ Week	Yes	
Pharmacy Practice	4	Ms. Sonal Sood	2 Years	M.Pharm	4 Years	12 Hr/ Week	Yes	

11. Declaration of the teachers for teaching the additional Course: (Declarations from teachers to be enclosed)

Yes Attached

(Annexure IV)

12. Whether visiting/part-time teachers is appointed:

(If yes, furnish the details in the following proforma)

No

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

13. Enclose the acceptance from the visiting teachers as identified:

NA

14. Whether the Institution/Trust is running a Model Community Pharmacy:

Yes (Already Started)

15. If not, is there any planning to start the same in near future?

NA

**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 (Pharmaceutics)	15 years, out of which 5 years as Prof. /HOD	Yes (Annexure V)	
	Ph.D	10 years, out of which at least 05 years as Asst. Prof	Yes	

PART II PHYSICAL INFRASTRUCTURE

1. Availability of Land (details) : 2 Acres
 - a. Building : Own
 - b. Total built up area of the college building in Sq.mts : 5334 Sq Mt (Annexure VI)
 - c. Amenities and Circulation Area : 1400 Sq Mt

2. Class rooms:

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

Class	Required	Available numbers	Required Area * for each	Available	Remarks of Inspectors
B. Pharm	04	06	90 Sq. mts each (Desirable) 75 Sq. mts each (Essential)	584	
Bachelor of Pharmacy (Practice)	01	01	40 Sq. mts each	75	

(* To accommodate 40 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
			Num ber	Area in Sq.	
1	Laboratory Area for B. Pharm Course (10 Labs)	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	10	950	
2	Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy	03 Laboratories 02 Laboratories 01 Laboratory 02 Laboratories 01 Laboratories	03 02 01 02 01	294 192 78 196 94	

Signature of the Head of the Institutions

3

Signature of 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 course	01 Laboratory 10 Laboratories *	01	96	
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)	Shared 07	70	
4	Area of the Machine Room	80-100 Sq.mts	01	94	
5	Central Instrument Room	80 Sq.mts with A/ C	01	81	
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 B. Pharm course.

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	35	
2	Office – I – Establishment	01	60 Sq. mts	01	60	
3	Office – II – Academics					
4	Confidential Room					

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	4	80	
2	Faculty Rooms for D.Pharm & B.Pharm course		10 Sq mts × n (n=No. of Teachers)	7	230	
3	Faculty Rooms for Bachelor of Pharmacy (Practice) course		10 Sq mts × n (n=No. of teachers)	1	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	Available	
2	Library	01	150 Sq. mts	01	155	
3	Museum	01	50 Sq. mts (May be attached to	01	50	
4	Model Pharmacy Essential: Running Model Community Pharmacy Desirable: Drug Model Store	01	01	80 Sq.mts (including 10 Sq.mt for Drug Information Centre & 10 Sq.mt. for Patient Counseling)	01	80
5	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 Seating capacity	01	290	
6	Herbal Garden (Desirable)	01	Adequate number of medicinal Plants	01	250	

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	1	94	
2	Boy's Common Room (Essential)	01	60 Sq.mts	1	94	
3	Toilet Blocks for Boys	01	24 Sq.mts	3	231	
4	Toilet Blocks for Girls	01	24 Sq.mts	3	231	
5	Drinking Water facility – Water cooler (Essential).	01	-	2	Available	
6	Boy's Hostel (Desirable)	01	9 Sq mts/ Room Sing	1	Available	
7	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	1	Available	
8	Power Backup Provision (Desirable)	01		1	Available	

8. Computer and other Facilities:

Name	Required	Available		Remarks of the Inspectors
		No.	Area in Sq. mts	
Computer Room for B.Pharm Course	01 system for every 2 students (with internet and Printer facilities) (Area 75 Sq mts)	1	76	
Computer For Model Pharmacy	As required for teaching and practice purposes and for drug information services	3	Available	
Computer (Latest Configuration)	1 system for every 10 students (UG & PG)	45	Available	
Printers	1 printer for every 10 computers	5	Available	
Multi Media Projector	01	5	Available	
Generator (5KVA)	01	1	Available	

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	636	6368	
Annual addition of books		150 books per year	150	1800	
Periodicals Hard copies / online		10 National 05 International periodicals	25	25	
CDS		Adequate Nos	36	36	
Internet Browsing Facility		Yes/No (Minimum ten Computers)	Yes	All Computers	
Reprographic Facilities: Photo Copier		01		01	
Fax		01		01	
Scanner		01		01	

10. A. Subject wise Classification:

Sl. No	Subject			Remarks of Inspectors
		Titles	Numbers	
1	Pharmaceutics	106	1877	
2	Pharmaceutical Chemistry	122	1517	
3	Pharmacognosy	30	574	
4	Biochemistry and Clinical Pathology	22	215	
5	Human Anatomy and Physiology	3	204	
6	Health Education and Community Pharmacy	40	270	
7	Pharmacy Practice	2	110	
8	Pharmacology and Toxicology	51	342	
9	Pharmaceutical Jurisprudence	6	154	
10	Drug Store and Business Management	27	179	
11	Hospital and Clinical Pharmacy	7	103	
12	Social Pharmacy	159	665	
13	Reference Book	61	158	
	Total	636	6368	

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	

PART III ACADEMIC REQUIREMENTS

A. Faculty requirements:

1. **Student Staff Ratio:** Theory - 40:1 and Assignment – 10:1

(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	For strength of 100 students of B.Pharm & 40 students of B.Pharm (Practice)	Available	Remarks of Inspectors
Department of Pharmaceutics	Professor	1	NA	1	2	
	Asst. Professor	1	NA	2	5	
	Lecturer	4	NA	3	2	
Department of Pharmaceutical Chemistry (including Pharmaceutical Analysis)	Professor	1	NA	1	1	
	Asst. Professor	1	NA	2	6	
	Lecturer	4	NA	3	0	
Department of Pharmacology	Professor	1	NA	1	0	
	Asst. Professor	1	NA	1	1	
	Lecturer	5	NA	3	4	
Department of Pharmacognosy	Professor	1	NA	1	1	
	Asst. Professor	1	NA	1	3	
	Lecturer	2	NA	1	0	
Department of Pharmacy Practice	Professor	1	NA	1	0	
	Asst. Professor	2	NA	1	1	
	Lecturer	2	NA	1	0	
	TOTAL			23	26	

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		
Pharmacology	1	1	1		
Pharmaceutics	1	1	1		
Pharmacy Practice	2	2	2		
Part time teaching Staff For pathophysiology and pharmacotherapeutics	As required	As required	-	-	

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

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	3	D Ph	
2	Laboratory Assistants/ Attendees	1 for each Lab (minimum)	SSLC	3	DMLT	
3	Office Superintendent	1	Degree	0	-	
4	Accountant	1	Degree	1	B Com	
5	Store keeper	1	D. Pharm/ Degree	1	D Ph MCA	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1	BA PGDCA	
7	First Division Assistant	1	Degree	1	MA	
8	Second Division Assistant	2	Degree	0	-	
9	Peon	2	SSLC	4	12 th	
10	Cleaning personnel	Adequate	---	1	10 th	
11	Gardener	Adequate	---	1	10 th	

B. DOCUMENTATION

Records to be maintained: Essential

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

PART IV – EQUIPMENT AND APPARATUS

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

DEPARTMENT OF PHARMACOLOGY**Equipment:**

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

Signature of the Head of the Institution

Signature of the Inspectors

26	Actophotometer	01	01	Yes	
27	Rotarod	01	01	Yes	
28	Pole climbing apparatus	01	01	Yes	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01	01	Yes	
30	Convulsiometer	01	01	Yes	
31	Plethysmograph	01	01	Yes	
32	Digital pH meter	01	01	Yes	

Apparatus:

Sl. No.	Name	Minimum required No.s	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Folin-Wu tubes	60	60	Yes	
2	Dissection Tray and Boards	10	10	Yes	
3	Haemostatic artery forceps	10	10	Yes	
4	Hypodermic syringes and needles of size 15,24,26G	10	10	Yes	
5	Levers, cannulae	20	20	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	02	Yes	
3	Autoclave	02	02	Yes	
4	Hot air oven	02	02	Yes	
5	B.O.D. incubator	01	01	Yes	
6	Refrigerator	01	01	Yes	
7	Laminar air flow	01	01	Yes	
8	Colony counter	02	02	Yes	
9	Zone reader	01	01	Yes	
10	Digital pH meter	01	01	Yes	
11	Sterility testing unit	01	01	Yes	
12	Camera Lucida	20	20	Yes	
13	Eye piece micrometer	20	20	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

14	Incinerator	01	01	--	
15	Moisture balance	01	01	Yes	
16	Heating mantle	20	20	Yes	
17	Flourimeter	01	01	Yes	
18	Vacuum pump	02	02	Yes	
19	Micropipettes (Single and multi channeled)	05	05	Yes	
20	Micro Centrifuge	01	01	Yes	
21	Projection Microscope	01	01	Yes	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Reflux flask with condenser	20	20	Yes	
2	Water bath	20	20	Yes	
3	Clavengers apparatus	10	10	Yes	
4	Soxhlet apparatus	10	10	Yes	
6	TLC chamber and sprayer	10	10	Yes	
7	Distillation unit	01	01	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	05	Yes	
2	Oven	03	03	Yes	
3	Refrigerator	01	01	Yes	
4	Analytical Balances for demonstration	05	05	Yes	
5	Digital balance 10mg sensitivity	10	10	Yes	
6	Digital Balance (1mg sensitivity)	01	01	Yes	
7	Suction pumps	06	06	Yes	
8	Muffle Furnace	01	01	Yes	
9	Mechanical Stirrers	10	10	Yes	
10	Magnetic Stirrers with Thermostat	10	10	Yes	
11	Vacuum Pump	01	01	Yes	
12	Digital pH meter	01	01	Yes	
13	Microwave Oven	02	02	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Distillation Unit	02	02	Yes	
2	Reflux flask and condenser single necked	20	20	Yes	
3	Reflux flask and condenser double / triple necked	20	20	Yes	
4	Burettes	100	100	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	20	Yes	
2	Homogenizer	10	10	Yes	
3	Digital balance	05	05	Yes	
4	Microscopes	10	10	Yes	
5	Stage and eye piece micrometers	15	15	Yes	
6	Brookfield's viscometer	01	01	Yes	
7	Tray dryer	01	01	Yes	
8	Ball mill	01	01	Yes	
9	Sieve shaker with sieve set	01	01	Yes	
10	Double cone blender	01	01	Yes	
11	Propeller type mechanical agitator	05	05	Yes	
12	Autoclave	01	01	Yes	
13	Steam distillation still	01	01	Yes	
14	Vacuum Pump	01	01	Yes	
15	Standard sieves, sieve no. 8, 10, 12, 22, 24, 44, 66, 80	10 sets	10 sets	Yes	
16	Tablet punching machine	01	01	Yes	
17	Capsule filling machine	01	01	Yes	
18	Ampoule washing machine	01	01	Yes	
19	Ampoule filling and sealing machine	01	01	Yes	
20	Tablet disintegration test apparatus IP	02	02	Yes	
21	Tablet dissolution test apparatus IP	01	01	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

22	Monsanto's hardness tester	02	02	Yes	
23	Pfizer type hardness tester	01	01	Yes	
24	Friability test apparatus	01	01	Yes	
25	Clarity test apparatus	01	01	Yes	
26	Ointment filling machine	01	01	Yes	
27	Collapsible tube crimping machine	01	01	Yes	
28	Tablet coating pan	01	01	Yes	
29	Magnetic stirrer, 500ml and 1 liter capacity with speed control	05 EACH 10	05 EACH 10	Yes	
30	Digital pH meter	01	01	Yes	
31	All purpose equipment with all accessories	01	01	Yes	
32	Aseptic Cabinet	01	01	Yes	
33	BOD Incubator	02	02	Yes	
34	Bottle washing Machine	01	01	Yes	
35	Bottle Sealing Machine	01	01	Yes	
36	Bulk Density Apparatus	02	02	Yes	
37	Conical Percolator (stainless steel)	10	10	Yes	
38	Capsule Counter	02	02	Yes	
39	Energy meter	02	02	Yes	
40	Hot Plate	02	02	Yes	
41	Humidity Control Oven	01	01	Yes	
42	Liquid Filling Machine	01	01	Yes	
43	Mechanical stirrer with speed regulator	02	02	Yes	
44	Precision Melting point Apparatus	01	01	Yes	
45	Distillation Unit	01	01	Yes	

Apparatus:

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

Signature of the Head of the Institution

Signature of the Inspectors

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

PHARMACEUTICAL MICROBIOLOGY

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Orbital shaker incubator	01	01	Yes	
2	Lyophilizer (Desirable)	01	Desirable	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	Desirable	--	
7	Tissue culture station	01	01	Yes	
8	Laminar airflow unit	01	02	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	Respirometer	01	01	Yes	
15	BOD Incubator	01	01	Yes	
16	Paper Electrophoresis Unit	01	01	Yes	
17	Micro Centrifuge	01	01	Yes	
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	

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

Signature of the Head of the Institution

Signature of the Inspectors

CENTRAL INSTRUMENTATION ROOM:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
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	Desirable	--	
11	HPLC	01	01	Yes	
12	HPTLC (Desirable)	01	Desirable	--	
13	Atomic Absorption and Emission spectrophotometer (Desirable)	01	Desirable	--	
14	Biochemistry Analyzer (Desirable)	01	Desirable	--	
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	Desirable	--	
16	Deep Freezer (Desirable)	01	Desirable	--	
17	Ion- Exchanger	01	01	Yes	
18	Lyophilizer (Desirable)	01	Desirable	--	

Signature of the Head of the Institution

Signature of the Inspectors

Observation of the Inspectors:

Compliance of the last recommendations by Inspectors
Specific observations if not complied

Signature of Inspectors:	1.
	2.

Note:

- 1. The Inspection Team is instructed to physically verify the details and records filled up by the college in the application form submitted by the college, which is with you now and record the observations, opinions and recommendations in clear and explicit terms.**
- 2. The team is requested to record their comments only after physical verification of records and details.**

Signature of the Head of the Institution

Signature of the Inspectors