

# PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting D. Pharm course

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

(SIF-A)

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.  
(BLOCK LETTERS)

2.

## PART - I

### A - GENERAL INFORMATION

<b>A - I. 1</b> Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail	School of Pharmacy, Manav Bharti University Vill. Laddo, P.O. Sultanpur, Kumarhatti, Solan (H.P.), 173229.  Phone No. 01792-268279, 80  Manav Bharti University @ gmail . com
Year of starting of the course	2016
Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	University (Private) (ANN-I)
<b>A - I. 2</b> Name, address of the Society/Trust/ Management (attach documentary evidence) STD Code: Telephone No: Fax No: E-mail Web Site:	Manav Bharti Charitable Trust, - (ANN-II) Vill. Laddo, P.O. Sultanpur, Kumarhatti, Solan, H.P. 173229  Phone No:- 01792-268279.  Manav Bharti University @ gmail . com www. Manav Bharti University . edu . in
<b>A - I. 3</b> Name, Designation and Address of person to be contacted by phone STD Code Telephone No Office Residence Mobile No. Fax No E-Mail	Manav Bharti University, Vill. Laddo Kumarhatti, Solan Pin code - 17229  Phone No - 01792-268279  Manav Bharti University @ gmail . com www. Manav Bharti University Pharma MBU @ gmail . com
<b>A - I. 4</b> Name and Address of the Head of the Institution	Mr. Shubham Goyal MBU, Solan

Signature of the Head of the Institution



Signature of the Inspectors



A-I. 5

**FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL**

**a. Details of Affiliation Fee Paid**

ANNU-III

Name of the Course	Affiliation Fee paid up to	Receipt No	Dated
D. Pharm	2017-18	154351	25/5/2017

**b. APPROVAL STATUS:**

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVERNMENT	Remarks of the Inspectors
D. Pharm		Approval Letter No and Date	ANN-IV	—	
		Approved Intake	60	—	
		Actually Admitted	—	—	

**c. STATUS OF APPLICATION**

Course	Extension of Approval		Increase in Intake of Seats		Remarks	
					Current Intake	Proposed increase in Intake
D. Pharm	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	60	—

Note: Enclose relevant documents

A-I. 6

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same

Building / campus? If yes, give status

Yes ☐ No ☒

A-I. 6 a

**Status of the Pharmacy Course:**

Independent Building ☒

Wing of another college ☒

Separate Campus ☐

Multi Institutional Campus ☒

The fourth & fifth floor of a building are allocated for School of Pharmacy University

Examining Authority :  
With complete postal  
Address, Telephone No.  
and STD Code.

Manav Bharti University  
Vill. Laddoo, V.P.O Sultanpur  
Kumharhatti, Distt. Solan (H.P.)

173229

Ph.no. 01792-268279, 80

Signature of the Head of the Institution



Signature of the Inspectors



## B - DETAILS OF THE INSTITUTION

<b>B-I.1</b> Name of the Principal	<i>Mr. Shubham Goyal</i>			
<b>Qualification/ Experience</b>	<b>Qualification*</b>	<b>Teaching Experience Required</b>	<b>Actual experience</b>	<b>Remarks of the Inspectors</b>
	M. Pharm ✓	05 years	<i>7.5 years</i>	
	PhD (Desirable)	02 years		

\* Documentary evidence should be provided

*ANN-IV A*

**B-I.2**

For institution seeking continuation of approval

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied / <del>Not Complied</del>	Intake reduced/Stopped in the last 03 years*
D. Pharm		<i>ANN-V</i>	<i>ANN-VI</i>	

\* Enclose Documents

**B-I.3**

Pay Scales:

Staff	Scale of pay	PF	Gratuity	Pension benefit	Remarks of the Inspectors
Teaching Staff	<b>AICTE /UGC/State Govt.</b> ✓ Yes / No	Yes / No ✓	Yes / No ✓	Yes / No ✓	
Non- Teaching Staff	<b>State Government</b> ✓ Yes / No	Yes / No ✓	Yes / No	Yes / No ✓	

**B-I.4**

D. Pharm Course: Admission statement for the past three years

ACADEMIC YEAR	200-	200-	200-
Sanctioned			
No. of Admissions	<i>NA</i>		
Unfilled Seats			
No. of Excess Admissions			

**B-I.5**

Academic information: Percentage of D. Pharm results for the past three years:

ACADEMIC YEAR	Year 200-	Year 200-	Year 200-
D. Pharm	<i>NA</i>		

Signature of the Head of the Institution



Signature of the Inspectors

**B - II****Co - Curricular Activities / Sports Activities**

Whether college has NSS Unit (Yes/No)?	Under process
If no give reasons	
NSS Programme Officer's Name	
Programme conducted (mention details)	<input checked="" type="checkbox"/> Yes/No
Whether students participating in University level cultural activities / Co- curricular/sports activities	<input checked="" type="checkbox"/> Available / Not available
Physical Instructor	<input checked="" type="checkbox"/> Individual / Shared
Sports Ground	

Signature of the Head of the Institution



Signature of the Inspectors



## C - FINANCIAL STATUS OF THE INSTITUTION

Audited financial Statement of Institute should be furnished

C .1 Resources and funding agencies (give complete list)

ANN - VII

C .2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspectors
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants a. Government b. Others		CAPITAL EXPENDITURE			
2.	Tuition Fee		1.	Building		
3.	Library Fee		2.	Equipment		
4.	Sports Fee		3.	Others		
5.	Union Fee		REVENUE EXPENDITURE			
6.	Others		1	Salary		
			2.	MAINTENANCE EXPENDITURE		
			i	College		
			ii	Others		
			3.	University Fee (If any)		
			4.	Apex Bodies Fee		
			5.	Government Fee		
			6.	Deposit held by the College		
			7.	Others		
			8.	Misc.Expenditure		
			Total			
Total						

Note: Enclose relevant documents

Signature of the Head of the Institution



Signature of the Inspectors

## PART- II PHYSICAL INFRASTRUCTURE

1. a. Building

Own/Rented/Leased

b. Land:

i) Leased or own

Leased ☐

Own ☒

Sale / Agreement deed (records to be enclosed)

Enclosed/Not available

c. Building:

Leased ☐

Rented ☐

i) Leased/Rented <sup>†</sup> (Record to be enclosed)

Enclosed/Not available

ii) If Own (Approved Building plan & sale deed to be enclosed)

Enclosed/Not available

d. Total Area of the college building in Sq.mts

: Built up Area

1159.87m<sup>2</sup>

Amenities and Circulation Area

200m<sup>2</sup>

ANN VIII

2. Class rooms:

Total Number of Class rooms provided

Class	Required	Available	Required Area * for each class room	Available Area in Sq. mts	Remarks of the Inspectors
D. Pharm	02		90 Sq. mts	94.19m <sup>2</sup> 103.90m <sup>2</sup>	

(\* To accommodate 60 students)

3. Laboratory requirement

Sl. No.	Name of Infrastructure	Requirement as per Norms	Available		Remarks/ Deficiency
			No.	Area in Sq. mts	
1	Laboratory Area for D.Pharm Course	50 Sq mts x n (n=05)			
2	Pharmaceutics Pharmaceutical Chemistry Physiology and Pharmacology Pharmacy Practice Pharmacognosy <b>Total no. of Labs for D. Pharm Course</b> *Animal House	01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory <b>05 Laboratories</b> 01 (10 sq.mts)	01 01 01 01 01 01	68.38 64.60 62.14 66.58 64.60 100m <sup>2</sup>	
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)	05	50	
4	Area of the Machine Room	100 Sq mts	01	103.93	
5	Aseptic Room	25 Sq mts	01	27.62	
6	Store Room – I	1 (Area 20 Sq mts)	01	31.08	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01	33	

\* Not required if computer simulated software are available

Signature of the Head of the Institution



Signature of the Inspectors

<sup>†</sup> The Institutions will not be permitted to run the courses in rented building on or after 31.12.2008

1. All the Laboratories should be well lit & ventilated
2. All Laboratories should be provided with basic amenities and services like exhaust fans and fume 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/ Deficiency
				No.	Area in Sq. mts	
1	Principal's Chamber	01	20 Sq mts	01	32.51	
2	Office – I Including Confidential Room	01	40 Sq mts	01	49.60	
3	Staff / Faculty Rooms for D. Pharm course	01	30 Sq mts	01	31.60	
4	Library with computer and reprographic facilities	01	100 Sq mts	01	100	
5	Museum	01	30 Sq mts (May be attached to the Pharmacognosy Lab)	01	30	
6	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	01	154	
7	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	01	—	

Signature of the Head of the Institution



Signature of the Inspectors



### 5. Student Facilities:

Sl. No.	Name of infrastructure	Requirement in number	Requirement in area	Available		Remarks/ Deficiency
				No.	Area in Sq. mts	
1	Girl's Common Room (Essential)	01	40 Sq mts	01	62.14	
2	Boy's Common Room (Essential)	01	40 Sq mts	01	66	
3	Toilet Blocks for Boys	01	25 Sq mts	01	34	
4	Toilet Blocks for Girls	01	25 Sq mts	01	34	
5	Canteen (Desirable)	01	100 Sq mts	01		
6	Drinking Water facility Water Cooler (Essential)	01		01		
7	Boy's Hostel (Desirable)	01	9 Sq mts / Room Single occupancy	01		
8	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts/room (triple occupancy)	01		
9	Power Backup Provision (Desirable)	01		01		

### 6. Computer and other Facilities:

Name	Required	Available	Available		Remarks of the Inspectors
			No.	Area in Sq. mts	
Computer (latest Configuration)	1 system for every 10 students	10		75	
Printers	1 printer for every 10 computers	01			
Xerox Machine	01	01			
Multi Media Projector	02	02			

### 7. Amenities (Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks/ Deficiency
		No.	Area in Sq. mts		
Principal quarters	80 Sq. mts	Under construction			
Staff quarters	6 x 80 Sq. mts	Under construction			
Parking Area for staff and students		Available			
Bank Extension Counter		Under process			
Co operative Stores		Under construction			
Guest House	80 Sq. mts	Under construction			
Transport Facilities for students		Available			
Medical Facility (First Aid)		Available			

Signature of the Head of the Institution



Signature of the Inspectors

**8.A. 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:

Sl. No.	Item	Titles (No)	Minimum Volumes (No)	Available		Remarks of the Inspectors
				Titles	Numbers	
1	Number of books	75	750 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	81	650	
2	Annual addition of books		75 books per year	yes		
3	Periodicals Hard copies / online		<b>06 National Journals</b> Indian Journal of Pharmaceutical Sciences Indian Journal of Pharmaceutical Education and Research Journal of Hospital Pharmacy Indian Journal of Pharmacology CIMS, MIMS Indian Journal of Experimental Biology.	Available		
4	Library Timings					

**8.B. Subject wise Classification:**

ANN - IX

Sl. No	Subject	Available		Remarks of the Inspectors
		Titles	Numbers	
1	Pharmaceutics – I	08	78	
2	Pharmaceutical Chemistry – I	05	37	
3	Pharmacognosy	09	44	
4	Biochemistry and Clinical Pathology	04	48	
5	Human Anatomy and Physiology	05	58	
6	Health Education and Community Pharmacy	06	49	
7	Pharmaceutics – II	09	78	
8	Pharmaceutical Chemistry – II	07	39	
9	Pharmacology and Toxicology	09	59	
10	Pharmaceutical Jurisprudence	05	56	
11	Drug Store and Business Management	08	66	
12	Hospital and Clinical Pharmacy	06	38	

**8.C. Library Staff:**

	Staff:	Qualification	Required	Available	Remarks of the Inspectors
1	Librarian	D. Lib	1	01	
2	Library Attenders	10+ 2 /PUC	1	01	

Note: The information provided will be assessed in giving the period of approval

Signature of the Head of the Institution



Signature of the Inspectors



### PART III ACADEMIC REQUIREMENTS

#### Course Curriculum:

1. Student Staff Ratio:

Theory NA

Practicals NA

(Required ratio --- Theory → 60:1 and Practicals → 20:1)

If more than 20 students in a batch 2 staff members to be present provided the lab is spacious

2. Date of Commencement of session:

Commencement	Completion
DD/MM/YY	DD/MM/YY

No of Days

No of Days

3. Vacation:

Summer: NA

Winter: NA

4. Total Number of working days: NA

5. Time Table:

Time Table for I and II D. Pharm Enclosed

Yes NA

No NA

6. Whether the prescribed numbers of classes are being conducted as per PCI norms

Class / Subject	Theory		Practicals				Remarks of the Inspectors
	Prescribed No of Hours	No of Hours Conducted	Prescribed No. of Hours	No of Hours Conducted	Prescribed Number of Classes	No of Classes conducted	
I D. Pharm							
Pharmaceutics – I	75		100		25		
Pharmaceutical Chemistry – I	75		75		25		
Pharmacognosy	75		75		25		
Biochemistry and Clinical Pathology	50		75		25		
Human Anatomy and Physiology	75		50		25		
Health Education and Community Pharmacy	50		----		----		
II D. Pharm							
Pharmaceutics – II	75		100		25		
Pharmaceutical Chemistry – II	100		75		25		
Pharmacology and Toxicology	75		50		25		
Pharmaceutical Jurisprudence	50		----		----		
Drug Store and Business Management	75		----		----		
Hospital and Clinical Pharmacy	75		50		25		

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Signature of the Inspectors



7. Whether Internal Assessments are conducted periodically as per PCI norms

Yes

☐

No

☐

N.A

8. Whether Evaluation of the internal assessments is Fair Yes

☒

N.A

No

☐

Class	No. of Candidates scored more than 80%		No. of Candidates scored between 60 - 80%		No. of Candidates scored between 50 - 60%		No. of Candidates Less than 50%		Remarks of the Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I D. Pharm				N.A					
II D. Pharm									

9. Workload of Faculty members for D. Pharm

Workload of Faculty members for D. Pharm								
Sl. No	Name of the Faculty	Subjects taught	D. Pharm				Total work load	Remarks of the Inspector
			I D. Ph		II D. Ph			
			Th	Pr	Th	Pr		

N.A

Signature of the Head of the Institution



Signature of the Inspectors

## PART IV - PERSONNEL

### TEACHING STAFF

1. Details of Teaching Faculty for D. Pharm Course to be enclosed in the format mentioned below:

Sl No	Name	Designation	Qualification	Date of Joining	Teaching Experience		State Pharmacy Council Reg No.	Signature of the faculty	Remarks of the Inspectors
					After UG	After PG			
					N/A				

2. Qualification and number of Staff Members

Number of staff members required: 07

Qualification			
B. Pharm	M. Pharm	PhD	Others - Full Time
Identified To be appointed after getting permission			

3. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
N/A	Duration of 15 yrs. And above	
	Duration of 10 yrs. And above	
	Duration of 5 yrs. And above	
	Less than 5 yrs.	

4. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
	% of faculty retained in last 3 yrs	N/A			

5. No. of Non-teaching staff available for D. Pharm course for intake of 60 Students:

Sl. No.	Designation	Required Number	Required Qualification	Available		Remarks of the Inspection team
				Number	Qualification	
1	Laboratory Technician	02	D. Pharm			N/A
2	Laboratory Assistants/ Attenders	04	SSLC			
3	Office Superintendent	01	Degree			
4	Accountant cum Clark	01	Degree			
5	Store keeper	01	D. Pharm			
6	Computer Data Operator	01	10+2 with computer training			
7	Peon	02	SSLC			
8	Cleaning personnel	04	---			
9	Gardener	01	---			

Signature of the Head of the Institution



Signature of the Inspectors

7. Scale of pay for Teaching faculty (to be enclosed):

N.A

Sl. No	Name	Qualification	Designation	Basic pay Rs.	DA Rs.	HRA Rs.	CCA Rs.	Other allowance Rs.	P T	Deductions TDS	EPF	Bank A/C No	PAN No	EPF A/c no.	Total	Signature

8. Whether facilities for Research / Higher studies are provided to the faculty?  
(Inspectors to verify documents pertaining to the above)

N.A

9. Whether faculty members are allowed to attend workshops and seminars?  
(Inspectors to verify documents pertaining to the above)

N.A

10. Scope for the promotion for faculty: Promotions

Yes ☒

No ☐

11. Gratuity Provided

Yes ☒

No ☐

12. Details of Non-teaching staff members (list to be enclosed) :

Sl No	Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
				<u>N.A</u>	<u>                    </u>		

13. Whether Supporting Staff (Technical and Administrative) are encouraged for Skill Upgradation Programs

~~Yes~~ No ☒ N.A

Signature of the Head of the Institution



Signature of the Inspectors



## PART V - DOCUMENTATION

### Records Maintained: (Essential)

Sl. No	Records	Yes	No	Remarks of the Inspectors
1.	Admissions Registers	NA		
2.	Individual Service Register	NA		
3.	Staff Attendance Registers	NA		
4.	Sessional Marks Register	NA		
5.	Final Marks Register	NA		
6.	Student Attendance Registers	NA		
7.	Minutes of meetings- Teaching Staff	NA		
8.	Fee paid Registers	NA		
9.	Acquittance Registers	NA		
10.	Accession Register for books and Journals in Library	Available		
11.	Log book for chemicals and Equipment costing more than Rupees one lakh		N-A	
12.	Job Cards for laboratories	NO		
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	-N/A-		

Signature of the Head of the Institution



Signature of the Inspectors

PART - VI

1. Financial Resource allocation and utilization for the past three years:  
(Audited Accounts for the previous year to be enclosed)

ANNEXURE VII

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Remarks of the Inspectors*
	Total budget sanctioned	Recurring	Non Recurring	Total Budget Sanctioned	Recurring	Non Returning	
	10 lac	7 lac	3 lac	N.A			

2. Total amount spent on chemicals and glassware for the past three years:

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
	Chemicals	2 lac	2 lac	Chemicals	N.A		
	Glassware	1 lac	1 lac	Glassware			

3. Total amount spent on equipments for the past three years:  
(Enclose purchase invoice)

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
	Equipment	4 lac	3 lac	Equipment	N.A		

Signature of the Head of the Institution



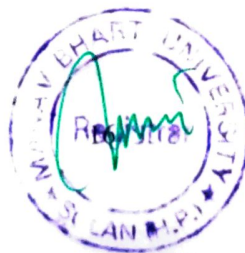
Signature of the Inspectors

4. Total amount spent on Books and Journals for the past three years:

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1	Books	2 lac	50,000							
2	Journals	1 lac	50,000		N.A					

\*Last three years including this academic year till the date of inspection

Signature of the Head of the Institution



Signature of the Inspectors



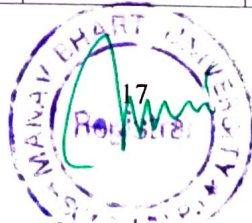
**PART VII – EQUIPMENT AND APPARATUS**  
Department wise List of Minimum equipments required for D. Pharm

**PHARMACEUTICS**

**Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Continuous Hot Extraction Equipment	05	05	Yes	
2	Conical Percolator	05	05	Yes	
3	Tincture Press	01	01	Yes	
4	Hand Grinding Mill	01	01	Yes	
5	Disintegrator	01	01	Yes	
6	Ball mill	01	01	Yes	
7	Hand operated Tablet machine	01	01	Yes	
8	Tablet Coating Pan unit with hot air blower laboratory size	01	01	Yes	
9	Polishing pan laboratory size	01	01	Yes	
10	Monsanto's hardness tester	01	01	Yes	
11	Pfizer type hardness tester	01	01	Yes	
12	Tablet disintegration test apparatus IP	01	01	Yes	
13	Tablet dissolution test apparatus IP	01	01	Yes	
14	Granulating sieve set	10	10	Yes	
15	Tablet counter – small size	05	05	Yes	
16	Friability tester	01	01	Yes	
17	Collapsible tube – Filling and sealing equipment	01	01	Yes	
18	Capsule filling machine – Lab size	01	01	Yes	
19	Digital balance	01	01	Yes	
20	Distillation unit for distilled water	02	02	Yes	
21	Deionisation unit	01	01	Yes	
22	Glass distillation unit for water for injection	01	01	Yes	
23	Ampoule washing machine	01	01	Yes	
24	Ampoule filling and sealing machine	01	01	Yes	
25	Sintered glass filters for bacterial proof filtration (four different grades)	Adequate	Adequate	Yes	
26	Millipore filter (3 grades)	Adequate	Adequate	Yes	

Signature of the Head of the Institution



Signature of the Inspectors

27	Autoclave	01	01	Yes	
28	Hot air sterilizer	01	01	Yes	
29	Incubator	01	01	Yes	
30	Aseptic cabinet	01	01	Yes	
31	Ampoule clarity test equipment	01	01	Yes	
32	Blender	01	01	Yes	
33	Sieves set (Pharmacopoeial standard)	02	02	Yes	
34	Lab Centrifuge	01	01	Yes	
35	Ointment slab	Adequate	Adequate	Yes	
36	Ointment spatula	Adequate	Adequate	Yes	
37	Pestle and mortar porcelain	Adequate	Adequate	Yes	
38	Pestle and mortar glass	Adequate	Adequate	Yes	
39	Suppository moulds of three sizes	Adequate	Adequate	Yes	
40	Refrigerator	01	01	Yes	

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

#### PHARMACEUTICAL CHEMISTRY

##### Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Refractometer	01	01	Yes	
2	Polarimeter	01	01	Yes	
3	Photoelectric colorimeter	01	01	Yes	
4	pH meter	01	01	Yes	
5	Atomic model set	02	02	Yes	
6	Electronic balance	01	01	Yes	
7	Periodic table chart	Adequate	Adequate	Yes	

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

Signature of the Head of the Institution



Signature of the Inspectors



# PHYSIOLOGY & PHARMACOLOGY LABORATORY

## Equipment:

Sl No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Haemoglobinometer	20	20	Yes	
2	Haemocytometer	10	10	Yes	
3	Student's organ bath	1	1	Yes	
4	Sherington's rotating drum	1	1	Yes	
5	Frog board	Adequate	Adequate	Yes	
6	Tray (dissecting)	Adequate	Adequate	Yes	
7	Frontal writing lever	Adequate	Adequate	Yes	
8	Aeration tube	Adequate	Adequate	Yes	
9	Telethermometer	1	1	Yes	
10	Pole climbing apparatus	1	1	Yes	
11	Histamine chamber	1	1	Yes	
12	Simple lever	Adequate	Adequate	Yes	
13	Staring heart lever	Adequate	Adequate	Yes	
14	Aerator	Adequate	Adequate	Yes	
15	Histological Slides	Adequate	Adequate	Yes	
16	Sphygmomanometer (B.P. apparatus)	5	5	Yes	
17	Stethoscope	5	5	Yes	
18	First aid equipment	Adequate	Adequate	Yes	
19	Contraceptive device	Adequate	Adequate	Yes	
20	Dissecting (surgical) instruments	Adequate	Adequate	Yes	
21	Balance for weighing small Animals	1	1	Yes	
22	Kymograph paper	Adequate	Adequate	Yes	
23	Actophotometer	1	1	Yes	
24	Analgesimeter	1	1	Yes	
25	Thermometer	Adequate	Adequate	Yes	
26	Plastic animal cage	Adequate	Adequate	Yes	
27	Double unit organ bath with thermostat	1	1	Yes	
28	Refrigerator	1	1	Yes	
29	Single pan balance	1	1	Yes	
30	Charts	Adequate	Adequate	Yes	

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31	Human skeleton	1	1	yes	
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	1 set	1	yes	
33	Electro-convulsimeter	1	1	yes	
34	Stop watch	Adequate	Adequate	yes	
35	Clamp, boss heads, screw clips	Adequate	Adequate	yes	
36	Syme's Cannula	Adequate	Adequate	yes	

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

### PHARMCOGNOSY LABORATORY

#### Equipment:

SI No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Projection Microscope	01	01	yes	
2	Charts (different types)	Adequate	Adequate	yes	
3	Models (different types)	Adequate	Adequate	yes	
4	Permanent Slides	Adequate	Adequate	yes	
5	Slides and Cover Slips	Adequate	Adequate	yes	

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

### PHARMACY PRACTICE LABORATORY

#### Equipment:

SI No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	2	2	yes	
2	Microscope	Adequate	Adequate	yes	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	Adequate	Adequate	yes	
4	Watch glass	Adequate	Adequate	yes	
5	Centrifuge	1	1	yes	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	Adequate	Adequate	yes	
7	Filtration equipment	2	2	yes	

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8	Filling Machine	1	1	yes	
9	Sealing Machine	1	1	yes	
10	Autoclave sterilizer	1	1	yes	
11	Membrane filter	1 Unit	1 Unit	yes	
12	Sintered glass funnel with complete filtering assemble	Adequate	Adequate	yes	
13	Small disposable membrane filter for IV admixture filtration	Adequate	Adequate	yes	
14	Laminar air flow bench	1	1	yes	
15	Vacuum pump	1	1	yes	
16	Oven	1	1	yes	
17	Surgical dressing	Adequate	Adequate	yes	
18	Incubator	1	1	yes	
19	PH meter	1	1	yes	
20	Disintegration test apparatus	1	1	yes	
21	Hardness tester	1	1	yes	
22	Centrifuge	1	1	yes	
23	Magnetic stirrer	1	1	yes	
24	Thermostatic bath	1	1	yes	

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

**Museum:** Every Institution shall maintain a museum of crude drugs, herbarium sheets, botanical specimens of the drugs, and plants, mentioned in the course in addition the following are recommended.

1. Colored slides of medicine plants.
2. Display of popular patent medicines, and
3. Containers of common usage in medicines.

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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