

# PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting B. Pharm for 100 adms

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

(SIF-B-1)

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	Patel College of Pharmacy, Ratibad, Bhopal-462044 (MP) 0755 2896281, 2896679 2896354 <a href="mailto:director@patelcollege.com">director@patelcollege.com</a>
Year of Establishment	2004
Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	Private
<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:	Vanshpati Smruti Shiksha Samiti, Patel Group of Institutions, Ratibad, Bhopal-462044 (MP) 0755 2896281, 2896679 2896354 <a href="mailto:director@patelcollege.com">director@patelcollege.com</a> <a href="http://www.patelcollege.com">www.patelcollege.com</a>
<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	Ajit Singh Patel, Executive Director, Patel Group of Institutions, Ratibad, Bhopal-462044 (MP) 0755  2896281, 2896679 2466737 09425014623 2896354 <a href="mailto:director@patelcollege.com">director@patelcollege.com</a>
<b>A – I .4</b> Name and Address of the Head of the Institution	Dr. Hemant Kumar Sharma, Principal, Patel College of Pharmacy, Ratibad, Bhopal-462044

Signature of Head of the Institution

Signature of the Inspectors

## A-I.5

## FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

## a. Details of Affiliation Fee Paid

Name of the Course	Affiliation Fee Paid up to	Receipt No.	Dated	Remarks of the Inspectors
B.Pharm	Session : 2016-2017	Rs 1,00,000/- by PNB DD. No. 108694 dt.24/08/15		

## b. APPROVAL STATUS:

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	AICTE	STATE GOVERNMENT	UNIVERSITY	Remarks of the Inspectors
B.Pharm	From the Session 2004-2005 to Session 2015-2016	<b>Approval Letter No and Date</b>	17-1/2013-PCI / 3568-3880 Dt.13/05/2013	F.No.Central/1-2008167439/2014/EOA Dt. 04/06/2014	DTE letter No.4/Edu/G/09/1076 Dt.13/07/2009	F5/Acad/Affiliation/RGPV/2014/7430, Dt. 31Dec 2014	
		<b>Approved Intake</b>	60	120	120	120	
		<b>Actually Admitted</b>	100	100	100	100	

## c. STATUS OF APPLICATION

COURSES INSPECTED FOR						
Faculty / Subject	Extension of Approval		Increase in Intake of Seats		Remarks	
	Yes	No	Yes	No	Current Intake	Proposed increase in Intake
B.Pharm	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	60	100

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 Details

Yes

No

## A-I.6 a

Status of the Pharmacy Course:	
Independent Building	<input checked="" type="checkbox"/>
Wing of another college	<input type="checkbox"/>
Separate Campus	<input type="checkbox"/>
Multi Institutional Campus	<input checked="" type="checkbox"/>

Examining Authority :

Rajiv Gandhi Proudhogiki Vishwavidhyalaya

Signature of Head of the Institution

Signature of the Inspectors

**With complete postal Address,  
Telephone No. and  
STD Code.**

Air Port By Pass Goad, Gandhi Nagar, Bhopal-462036  
2678828, Fax No. 274006  
0755

**B - DETAILS OF THE INSTITUTION**

<b>B -I .1 Name of the Principal</b>		<b>Dr. Hemant Kumar Sharma</b>			
<b>Qualification/ Experience</b>	<b>Qualification*</b>		<b>Teaching Experience Required</b>	<b>Actual experience</b>	<b>Remarks of the Inspectors</b>
	M. Pharm	√	15 years, out of which 5 years as Prof. / HOD	11½ years as in Teaching	
	PhD	√	10 years, out of which at least 05 years as Asst. Prof		

\* Documentary evidence should be provided

**B -I .2  
For institution seeking continuation of affiliation**

<b>Course</b>	<b>Date of last Inspection</b>	<b>Remarks of the Previous Inspection Report</b>	<b>Complied /Not Complied</b>	<b>Intake Reduced/Stopped in the last 03 years*</b>
B.Pharm	27th July 2013	Copy of Report Enclosed (Annexure-11)	Copy of Compliance Report Enclosed (Annexure-12)	No

\* Enclose Documents

**B -I .3**

<b>Status of Governing Council:</b>	√ <b>Government/Trust/Society/Individual / University</b>
<b>Details of the Governing Body</b>	<b>Enclosed</b>
<b>Minutes of the last Governing council Meeting</b>	<b>Enclosed</b>

**B -I .4  
Pay Scales:**

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

**B -I .5  
B. Pharm Course: Admission Statement for the Past Three Years**

<b>ACADEMIC YEAR</b>	<b>Year 2012- 2013</b>	<b>Year 2013- 2014</b>	<b>Year 2014- 2015</b>
<b>Sanctioned</b>	60	60	60

**Signature of Head of the Institution**

**Signature of the Inspectors**

<b>No. of Admissions</b>	71	112	92
<b>Unfilled Seats</b>	0	0	0
<b>No. of Excess Admissions</b>	11	52	32

### B – I .6

#### Academic information: Percentage of UG results for the past three years based on University Calendar

<b>ACADEMIC YEAR</b>	<b>Year 2012- 2013</b>	<b>Year 2013- 2014</b>	<b>Year 2014- 2015</b>
<b>I-Semester</b>	Maths Group – 25.87% Biology Group – 60.00%	Maths Group – 35.00% Biology Group – 100%	Maths Group – 25.00% Biology Group – 100%
<b>II-Semester</b>	29.33%	24.48%	Result awaited
<b>III-Semester</b>	44.5%	85.45%	57.31%
<b>IV-Semester</b>	29.4%	41.81%	Result awaited
<b>V-Semester</b>	50.0%	34.37%	97.50%
<b>VI-Semester</b>	77.8%	43.33%	77.08%
<b>VII-Semester</b>	75.0%	90.90%	67.85%
<b>VIII-Semester</b>	84.6%	100%	95.65%
<b>Pass % (Final Year)</b>	84.6%	100%	95.65%

### B – II

#### Co – Curricular Activities / Sports Activities

Whether college has NSS Unit (Yes/No)? If no give reasons	No. Number of students is less
NSS Programme Officer's Name	NA
Programme conducted (mention details)	Nil
Whether students participating in University level cultural activities / Co-curricular /sports activities	Yes
Physical Instructor	Not available
Sports Ground	Shared

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**C - FINANCIAL STATUS OF THE INSTITUTION**

**Audited financial Statement of Institute should be furnished**

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

**C .2 Please provide following Information**

**(As on 31.03.2014)**

Receipts			Expenditure			Remarks of the Inspector
Sl. No	Particulars	Amount	Sl. No	Particulars	Amount	
1.	Grants a. Government b. Others	Nil	<b>CAPITAL EXPENDITURE</b>			
2.	Tuition Fee	2,58,76,696	1.	Building	Nil	
3.	Library Fee	Nil	2.	Equipment	1,28,380	
4.	Sports Fee	Nil	3.	Others	Nil	
5.	Union Fee	Nil	<b>REVENUE EXPENDITURE</b>			
6.	Others	Nil	1	Salary	89,72,738	
	<b>Deficit</b>	89,46,741	2.	<b>MAINTENANCE EXPENDITURE</b>		
			i	College	6,05,829	
			ii	Others		
			3.	University Fee (If any)	3,58,600	
			4.	Apex Bodies Fee		
			5.	Government Fee		
			6.	Deposit held by the College		
			7.	Others	2,47,57,890	
			8.	Misc. Expenditure		
	<b>Total</b>	<b>3,48,23,437</b>	<b>Total</b>		<b>3,48,23,437</b>	

**Signature of Head of the Institution**

**Signature of the Inspectors**

**Note: Enclose relevant documents**

**PART- II PHYSICAL INFRASTRUCTURE**

1. a. Availability of Land (B. Pharm courses) : **Available**  
 a) 2.5 acres District HQ/Corporation/Municipality limit **3.2 acre**  
 b) 0.5 acre for City / Metros
- b. Building : **Own**
- c. Land Details to be in name of Trust and Society  
 Records to be enclosed  
 Sale deed : **Enclosed**
- d. Building†:  
 i) Approved Building plan, to be Enclosed : **Enclosed**
- e. Total Built Area of the college building in Sq.mts : Built up Area

6402.37 sqm
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Amenities and Circulation Area 355.8 sqm & 897.9 sqm
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**2. Class rooms:**

**Total Number of Class rooms provided at the end of 4 Year Course**

Class	Required Nos	Available Nos	Required Area * for each class room	Available Area in Sq.mts	Remarks of the Inspectors
B. Pharm	06	06	90 Sq. mts each (Desirable) 75 Sq. mts each (Essential)	78 sqm each	

(\*To accommodate 100 students).

**3. Laboratory requirement at the end of 4 Years**

Sl No	Infrastructure for	Requirement as per Norms	Available No. & Area in Sq mts	Remarks/ Deficiency
1	Laboratory Area for B.Pharm Course (12 Labs)	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	12 Labs includes m/c room & Central Instrument Room	
2	Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy Pharmaceutical Biotechnology	03 Laboratories 02 Laboratories 01 Laboratory 02 Laboratories 01 Laboratories 01 Laboratory	3x80 sqm 2x80 sqm 1x80 sqm 2x75 sqm 1x75 sqm 1x75 sqm	

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	(Including Aseptic Room) Total no. Laboratories for B.Pharm course	10 Laboratories *		
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)	Separately attached with labs	
4	Area of the Machine Room	80-100 Sq.mts	165.24 sqm	
5	Central Instrumentation Room	80 Sq.mts with A/ C	80 sqm	
6	Store Room – I	1 (Area 100 Sq mts)	100 sqm	
7	Store Room - II (For Inflammable chemicals)	1 (Area 20 Sq mts)	30 sqm	

\*Number of laboratories required for entire course of 4 years.

† 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 work benches 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	30 Sq .mts	01	31.5 Sqm	
2	Office – I - Establishment	01	60 Sq. mts	03	20+30+30 (Total 80 Sqm)	
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/ Deficiency
				No.	Area in Sq.mts	
1	HODs for B.Pharm Course	Minimum 4	20 Sq mts x 4	01	80 Sqm	
2	Faculty Rooms for B.Pharm course		10 Sq mts x n (n=No of teachers)	01	120 Sqm	

#### 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/ Deficiency
				No.	Area in Sq.mts	

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1	Animal House	01	80 Sq mts	01	80 Sqm	
2	Library	01	150 Sq mts	01	150 Sqm	
3	Museum	01	50 Sq mts (May be attached to the Pharmacognosy lab)	01	50 Sqm	
4	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	01	950 seating capacity	
5	Seminar Hall	01		01	165.24 Sqm	
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	02	Adequate Number of Medicinal Plants	

### 7. Student Facilities:

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	Girl's Common Room (Essential)	01	60 Sq.mts	01	62.4 Sqm	
2	Boy's Common Room (Essential)	01	60 Sq.mts	01	80 Sqm	
3	Toilet Blocks for Boys	01	24 Sq.mts	03	19.5 Sqm each	
4	Toilet Blocks for Girls	01	24 Sq.mts	03	19.5 Sqm each	
5	Drinking Water facility – Water Cooler (Essential).	01		02		
6	Boy's Hostel (Desirable)	01	9 Sq .mts/Room (Single occupancy)	01	2972 Sqm (Shared with other courses)	
7	Girl's Hostel (Desirable)	01	9 Sq .mts/Room (single occupancy) 20 Sq mts/Room (Triple occupancy)	01	1500 Sqm (Shared with other courses)	
8	Power Backup Provision (Desirable)	01		01	1000 KVA UPS System	

### 8. Computer and other Facilities:

Name	Required	Available	Remarks of the
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		No.	Area in Sq mts	Inspectors
Computer Room for B.Pharm Course	01 (Area 75 Sq mts)	01	76.5 Sqm	
Computer (Latest Configuration)	1 system for every 10 students	30		
Printers	1 printer for every 10 computers	05		
Multi Media Projector	01	01		
Generator (5KVA)	01	01		

### 9. Amenities (Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks/ Deficiency
		No.	Area in Sq mts		
Principal quarters	80 Sq. mts	0		√	
Staff quarters	16 x 80 Sq. mts	0		√	
Canteen	100 Sq. mts	01	232.34 Sqm (shared with other courses)		
Parking Area for staff and students		01	300 Sqm (shared with other courses)		
Bank Extension Counter		01	ATM		
Co operative Stores		01	100 Sqm (shared with other courses)		
Guest House	80 Sq. mts	0		√	
Transport Facilities for students		Yes	40 No of Buses		
Medical Facility (First Aid)		Yes	10 Sqm		

### 10. 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
				Title	Numbers	
1	Number of books	150	1500 adequate coverage of a large number of standard	544	4130	

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			text books and titles in all disciplines of pharmacy			
2	Annual addition of books		100 to 150 books per year	29	641	
3	Periodicals Hard copies / online		10 National 05 International periodicals	Yes Yes	10 06	
4	CDS		Adequate Nos	5		
5	Internet Browsing Facility		Yes/No (Minimum ten computers)	Yes	23 (3 offices + 20 in computer room)	
6	Reprographic Facilities: Photo Copier Fax Scanner		01 01 01		01 01 01	
7	Library Automation and Computerized System : Yes					
8	<b>Library Timings</b> : From 08.30 am to 05.30 pm					

#### 10.B. Library Staff:

Sl. No	Staff	Qualification	Required	Available	Remarks of the 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

#### Course Curriculum:

**1. Student Staff Ratio: 15:1                      Theory 60:1                      Practicals 20:1                      Remarks of the Inspectors**

(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. Scheme of B.Pharm Course:                      Annual                       Semester**

**3. Date of Commencement of session / sessions:**

Commencement		Completion	
<b>Odd Semester</b>		<b>Odd Semester</b>	
1yr -	01/08/2014	1yr -	30/11/2014
2,3,4yr -	15/07/2014	2,3,4yr -	20/11/2014
<b>Even Semester</b>		<b>Even Semester</b>	
1yr -	22/01/2015	1yr -	20/05/2015
2,3,4yr -	06/01/2015	2,3,4yr -	08/05/2015

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**No. of Days****No. of Days****4. Vacation:****Summer:**

15

**Winter:**

14

**5. Total No. of working days:**

Minimum 90 days/semester

Semester	1 Yr	2 Yr	3 Yr	4 Yr
Odd	87	93	93	93
Even	89	94	94	94

**6. Time Table:**

Time Table for B.Pharm course Enclosed

Yes

No

**7. Whether the prescribed numbers of classes are being conducted as per university norms:**

Yes, details are given semester-wise hereunder in the next pages –

**I Semester - B. Pharm**

Subject	No. of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No. of Hrs	No. of Hrs Conducted	Prescribed No of Hours	No of Hours Conducted	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	
1	2	3	4	5		
<b>PY-101(A)</b> Remedial Mathematics <i>OR</i> <b>PY-101(B)</b> Remedial Biology	58 <i>OR</i> 58	58  58	0 <i>OR</i> 28	0  28	0  14 classes x 2 hrs	
<b>PY-102</b> Computer Applications	58	57	28	28	14 classes x 2 hrs	
<b>PY-103</b> Pharmaceutics-I (Introduction to Pharmaceutics)	58	56	28	26	13 classes x 2 hrs	
<b>PY-104</b> Pharm. Chem-I (Physical)	58	58	28	28	14 classes x 2 hrs	
<b>PY-105</b> Pharm. Chem-II	58	56	28	26	13 classes x 2 hrs	

Signature of Head of the Institution

Signature of the Inspectors

(Inorganic)					
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## **II Semester - B. Pharm**

Subject	No. of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No. of Hrs	No. of Hrs Conducted	Prescribed No of Hours	No of Hours Conducted	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	
1	2	3	4	5		
<b>PY-201</b> Adv. Mathematics	58	58	0	0	0	
<b>PY-202</b> Pharmaceutics-II (Physical Pharmacy)	58	57	28	26	13 classes x 2 hrs	
<b>PY-203</b> Pharm. Chem-III (Organic-I)	58	58	28	28	14 classes x 2 hrs	
<b>PY-204</b> Pharmacognosy-I	58	56	28	24	12 classes x 2 hrs	
<b>PY-205</b> Anatomy, Physiology & Health Education (APHE-I)	58	57	28	26	13 classes x 2 hrs	

## **III Semester - B. Pharm**

Subject	No. of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No. of Hrs	No. of Hrs Conducted	Prescribed No of Hours	No of Hours Conducted	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	
1	2	3	4	5		
<b>PY-301</b> Pharmaceutics-III (Pharmaceutical Engineering-I)	60	58	30	30	15 classes x 2 hrs	
<b>PY-302</b> Anatomy, Physiology & Health Education- (APHE-II)	60	59	30	30	15 classes x 2 hrs	
<b>PY-303</b> Pharm. Chem-IV (Organic-II)	60	57	30	28	14 classes x 2 hrs	
<b>PY-304</b> Pharmaceutical Microbiology	60	59	30	30	15 classes x 2 hrs	

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<b>PY-305</b> Pharmacognosy-II	60	58	30	30	15 classes x 2 hrs	
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#### **IV Semester - B. Pharm**

<b>Subject</b>	<b>No. of Theory Classes</b>		<b>Practicals</b>			<b>Remarks of the Inspectors</b>
	<b>Prescribed No. of Hrs</b>	<b>No. of Hrs Conducted</b>	<b>Prescribed No of Hours</b>	<b>No of Hours Conducted</b>	<b>No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
<b>PY-401</b> Pharmaceutics-IV (Pharmaceutical Engineering-II)	60	57	30	28	14 classes x 2 hrs	
<b>PY-402</b> Pharmaceutics-V (Dosage Form Design)	60	56	30	24	12 classes x 2 hrs	
<b>PY-403</b> Pharm. Analysis-I	60	58	30	26	13 classes x 2 hrs	
<b>PY-404</b> Pharm. Chem-V (Biochemistry)	60	57	30	24	12 classes x 2 hrs	
<b>PY-405</b> Pharmacology-I	60	56	30	28	14 classes x 2 hrs	

#### **V Semester - B. Pharm**

<b>Subject</b>	<b>No. of Theory Classes</b>		<b>Practicals</b>			<b>Remarks of the Inspectors</b>
	<b>Prescribed No. of Hrs</b>	<b>No. of Hrs Conducted</b>	<b>Prescribed No of Hours</b>	<b>No of Hours Conducted</b>	<b>No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
<b>PY-501</b> Pharmaceutics-VI (Cosmetic Tech-I)	60	70	30	30	15 classes x 2 hrs	
<b>PY-502</b> Pharmaceutics-VII (Dispensing, Community and Hospital Pharmacy)	60	72	30	28	14 classes x 2 hrs	
<b>PY-503</b> Pharm. Chem-VI (Medicinal Chem-I)	60	71	30	28	14 classes x 2 hrs	
<b>PY-504</b> Pharmacognosy-III	60	70	30	28	14 classes x 2 hrs	

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<b>PY-505</b> Pharmacology-II	60	72	30	26	13 classes x 2 hrs	
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### **VI Semester - B. Pharm**

<b>Subject</b>	<b>No. of Theory Classes</b>		<b>Practicals</b>			<b>Remarks of the Inspectors</b>
	<b>Prescribed No. of Hrs</b>	<b>No. of Hrs Conducted</b>	<b>Prescribed No of Hours</b>	<b>No of Hours Conducted</b>	<b>No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
<b>PY-601</b> Pharmaceutical Industrial Management	60	60	0	0	0	
<b>PY-602</b> Pharmaceutical Analysis-II	60	59	30	28	14 classes x 2 hrs	
<b>PY-603</b> Pharm. Chem-VII (Medicinal Chem-II)	60	60	30	28	14 classes x 2 hrs	
<b>PY-604</b> Pharmacognosy-IV	60	58	30	26	13 classes x 2 hrs	
<b>PY-605</b> Pharmacology-III	60	57	30	24	12 classes x 2 hrs	

### **VII Semester - B. Pharm**

<b>Subject</b>	<b>No. of Theory Classes</b>		<b>Practicals</b>			<b>Remarks of the Inspectors</b>
	<b>Prescribed No. of Hrs</b>	<b>No. of Hrs Conducted</b>	<b>Prescribed No of Hours</b>	<b>No of Hours Conducted</b>	<b>No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
<b>PY-701</b> Pharmaceutics-VIII (Pharm. Tech-I)	60	58	30	28	14 classes x 2 hrs	
<b>PY-702</b> Pharmaceutics-IX (Biopharmaceutics & Pharmacokinetics)	60	57	30	28	14 classes x 2 hrs	
<b>PY-703</b> Pharm. Chem-VIII (Medicinal Chem-III)	60	60	30	0	0	

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**Signature of the Inspectors**

<b>PY-704</b> Pharmaceutical Biotechnology	60	56	30	24	12 classes x 2 hrs	
<b>PY-705</b> Pharmacology-II (Clinical & Drug Interactions)	60	59	30	0	0	

### VIII Semester - B. Pharm

Subject	No. of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No. of Hrs	No. of Hrs Conducted	Prescribed No of Hours	No of Hours Conducte d	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	
1	2	3	4	5		
<b>PY-801</b> Pharmaceutics-X (Pharm. Tech-II)	60	60	87	84	28 classes x 3 hrs	
<b>PY-802</b> Pharmaceutics-XI (Pharmaceutical Jurisprudence)	60	57	0	0	0	
<b>PY-803</b> Pharmaceutical Analysis-III	60	58	42	39	13 classes x 3 hrs	
<b>PY-804</b> Elective-I	60	60	0	0	0	
<b>PY-805</b> Elective-II	60	59	0	0	0	

8. Whether Tutorials are being conducted  
(if any, as per university norms)

Yes

No

9. Number of Guest Lecture/Seminar/Workshop/Symposia/Presentation conducted during last Three years

A.

Name of the Event	Year 2011-2012	Year 2012-2013	Year 2013-2014
Guest Lectures	0	01	01
Seminars	0	0	0
Workshops	0	0	0
Symposia	0	0	0

B. Papers Presented / Published during last three years

	Year 2011-2012		Year 2012-2013		Year 2013-2014	
	National	Internationa l	National	Internationa l	National	Internationa l
Published	0	01	0	02	0	04
Presented	01	0	01	0	04	0

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**10. Whether Internal Assessments are conducted periodically as per university norms**

Yes

No

Class	I Sessional Dates DD/MM/YY		II Sessional Dates DD/MM/YY		III Sessional Dates DD/MM/YY		Remarks of the Inspector
	Theory	Practical	Theory	Practical	Theory	Practical	
I-Semester	24/09/2014 – 26/09/2014	24/09/2014 – 26/09/2014	10/12/2014 – 15/12/2014	10/12/2014 – 15/12/2014			
II- Semester	23/03/2015 – 25/03/2015	23/03/2015 – 25/03/2015	25/04/2015– 29/04/2015	25/04/2015– 29/04/2015			
III- Semester	01/09/2014 – 03/09/2014	01/09/2014 – 03/09/2014	25/11/2014 – 29/11/2014	25/11/2014 – 29/11/2014			
IV- Semester	16/03/2015 – 18/03/2015	16/03/2015 – 18/03/2015	25/04/2015– 29/04/2015	25/04/2015– 29/04/2015			
V-Semester	01/09/2014 – 03/09/2014	01/09/2014 – 03/09/2014	25/11/2014 – 29/11/2014	25/11/2014 – 29/11/2014			
VI- Semester	16/03/2015 – 18/03/2015	16/03/2015 – 18/03/2015	25/04/2015– 29/04/2015	25/04/2015– 29/04/2015			
VII- Semester	01/09/2014 – 03/09/2014	01/09/2014 – 03/09/2014	25/11/2014 – 29/11/2014	25/11/2014 – 29/11/2014			
VIII- Semester	16/03/2015 – 18/03/2015	16/03/2015 – 18/03/2015	25/04/2015– 29/04/2015	25/04/2015– 29/04/2015			

**11. Whether Evaluation of the internal assessments are Fair**

Yes

No

**I-B.Pharm**

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 Inspector
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I-Semester	0	73	32	0	22	0	19	0	
II- Semester	Result Awaited								
III- Semester	04	81	63	01	10	0	05	0	
IV- Semester	Result Awaited								
V-Semester	10	40	30	0	0	0	0	0	
VI- Semester	03	47	37	0	07	0	01	01	

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VII- Semester	03	27	21	01	03	0	01	0	
VIII- Semester	05	23	17	0	0	0	01	0	

### 12. Work load of Faculty members for B. Pharm – (Current Session 2015-2016 Odd Semester)

Sl. No	Name of the Faculty	Subjects taught	B.Pharm		Total Work Load	Specific Remarks of the Inspector
			Th	Pr		
1	Dr. H.K. Sharma	PY-101 B Remedial Biology (Section-A)	5	2	7	
2	Prof. C.J. Verma	PY-103 Pharmaceutics-I (Section-A)	5	4	9	
3	Mr. Amit Agrawal	PY-504 Pharmacognosy-III (Section-A)	5	4	18	
		PY-504 Pharmacognosy-III (Section-B)	5	4		
4	Mr. Sunil Ojha	PY-302 APHE-II (Section-A)	5	4	18	
		PY-302 APHE-II (Section-B)	5	4		
5	Mr. R. S. Kushwaha	PY-103 Pharmaceutics-I (Section-B)	5	4	18	
		PY-701 Pharm. Technology-I	5	4		
6	Mr. Hemant Dhakad	PY-704 Pharm. Biotechnology	5	4	9	
7	Ms. Shikha Soni	PY-304 Pharma. Microbiology (Section-A)	5	4	9	
8	Ms. Parul Acharya	PY-304 Pharma. Microbiology (Section-B)	5	4	9	
9	Ms. Shalini Bajaj	PY-104 Pharm. Chemistry-I (Sec-A)	5	4	9	
10	Ms. Manisha Raikhere	PY-101 B Remedial Biology (Section-B)	5	2	7	
11	Ms. Bhubharti Dehariya	PY-705 Pharmacology-IV	5	-	9	
		PY-706 Project Work	-	4		
12	Mr. Rahul Sahu	PY-501 Pharmaceutics-VI (Section-A)	5	4	18	
		PY-501 Pharmaceutics-VI (Section-B)	5	4		
13	Mr. Sunil Dutt Tripathi	PY-502 Pharmaceutics-VII (Section-A)	5	4	18	
		PY-502 Pharmaceutics-VII (Section-B)	5	4		
14	Ms. Shruti Soni	PY-105 Pharm Chemistry-II (Sec-A)	5	4	9	
15	Ms. Rishika Dubey	PY-702 Pharma. and Biopharmaceutics	5	4	9	
16	Mr. Ritesh Agrawal	PY-305 Pharmacognosy-II (Section-A)	5	4	18	
		PY-305 Pharmacognosy-II (Section-B)	5	4		
17	Mr. Anurag Singh	PY-503 Medicinal Chemistry-I (Sec-A)	5	4	18	
		PY-503 Medicinal Chemistry-I (Sec-B)	5	4		
18	Ms. Sampada Nigam	PY-703 Medicinal Chemistry-III	5	-	18	
		PY-706 Project Work	-	4		
19	Mr. Archana Tiwari	PY-104 Pharm. Chemistry-I (Sec-B)	5	4	9	
20	Ms. Akanksha Jethmal	PY-301 Pharmaceutics-III (Section-A)	5	4	18	
		PY-301 Pharmaceutics-III (Section-B)	5	4		
21	Mr. Satish Suryawanshi	PY-505 Pharmacology-II (Section-A)	5	4	18	
		PY-505 Pharmacology-II (Section-B)	5	4		
22	Mr. Kamaal Ahmad	PY-105 Pharm. Chemistry-II (Section-B)	5	4	9	
23	Ms. Kalpana Singh Tomar	PY-303 Pharm. Chemistry-IV (Section-A)	5	4	18	
		PY-303 Pharm. Chemistry-IV (Section-B)	5	4		

### 13. Percentage of students qualified in GATE in the last Three Years

Details	Year 2011-2012	Year 2012-2013	Year 2013-2014
No. of Students Appeared	0	0	0
No. of Students Qualified	0	0	0
Percentage	0	0	0

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14. Whether the Institution has an Industry – Institution Interaction cell Yes  No   
 If applicable please give the details for the previous Year

Events	Details for the Previous Year
No. of Industrial visits	01
Industrial Tour	01
Industrial Training	01
No. of Resource Persons from the Industry for Guest Lectures	0
No. of Collaboration projects with Industry	0

15. Percentage of students Placed through the College Placement Cell in the Last Three Years

Year	Year 2011-2012	Year 2012-2013	Year 2013-2014
No. of students appeared for campus interview	21	12	20
% Placed	15 %	25 %	20%

16. Whether Professional Society Activities are Conducted (Enclose Details)

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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(ISTE, IPA, APTI, ICTA and Related Societies)

#### PART IV - PERSONNEL

**TEACHING STAFF:**

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

S N	Name	Designation	Qualification	Date of Joining	Teaching Experience	State Pharmacy Council	Signature of the faculty	Remarks of the Inspector
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					After PG	Reg No.		s
1	Dr.H.K. Sharma	Principal	M.Pharm, PhD (Pharmacognosy)	01/02/08	11½ years	MP 14442		
2	Prof. C.J. Verma	Professor	M.Pharm (Pharmaceutics)	28/09/11	11½ years	MS 65893		
3	Mr. Amit Agrawal	Asso. Prof	M.Pharm (Pharmacognosy)	16/06/07	8 years	MP 14445		
4	Mr. Sunil Ojha	Asso. Prof	M.Pharm (Ph.Biotechnology)	18/08/08	7 years	MP 14681		
5	Mr. R.S. Kushwaha	Asso. Prof	M.Pharm (Pharmaceutics)	01/04/09	6 years	MP 12022		
6	Mr. Hemant Dhakad	Asso. Prof	M.Pharm (Pharm. Chem.)	19/11/09	5½ years	MP 14541		
7	Ms. Shikha Soni	Asst. Prof	M.Pharm (Pharmacognosy)	18/08/11	4 years	MP 14227		
8	Ms. Parul Acharya	Asst. Prof	M.Pharm (Pharmacognosy)	10/04/12	3¼ years	MP 30480		
9	Ms. Shalini Bajaj	Asst. Prof	M.Pharm (Pharm. Chem.)	01/09/12	3years	MP 29969		
10	Ms. Manisha Raikhere	Asst. Prof	M.Pharm (Pharmaceutics)	18/02/13	2¼ years	MP 15694		
11	Ms. Bhubharti Dehariya	Asst. Prof	M.Pharm (Pharmacology)	01/07/13	3year	MP 27319		
12	Mr. Rahul Sahu	Asst. Prof	M.Pharm (Pharm. Chem.)	01/07/13	4years	MP 19978		
13	Mr. Sunil Dutt Tripathi	Asst. Prof	M.Pharm (Quality Assurance)	03/09/13	3years	MP 28141		
14	Ms. Shruti Soni	Asst. Prof	M.Pharm (Pharm. Chem.)	26/09/13	2year	MP 30003		
15	Ms. Rishika Dubey	Asst. Prof	M.Pharm (Pharmaceutics)	26/09/13	3 years	MP 26558		
16	Mr. Ritesh Agrawal	Asst. Prof	M.Pharm (Pharmacognosy)	01/07/14	6years	MP 13560		
17	Mr. Anurag Singh	Asso. Prof	M.Pharm (Pharm. Chem.)	01/07/14	5years	MP 17265		
18	Ms. Sampada Nigam	Asst. Prof	M.Pharm (Pharm. Chem.)	01/07/14	2year	Applied		
19	Mrs. Archana Dubey	Asst. Prof.	M.Pharm (Pharm. Chem.)	04/09/14	1year	MP 42472		
20	Ms. Aakansha Jethmal	Asst. Prof.	M.Pharm (Pharmaceutics)	15/09/14	1year	MP 39617		
21	Mr. Satish Suryawanshi	Asst. Prof.	M.Pharm (Pharmacology)	28/07/15	2year	MP 21240		
22	Mr. Kamaal Ahmad	Asso. Prof.	M.Pharm (Pharm. Chem.)	29/07/15	7year	MP 13472		
23	Mrs. Kalpana Singh Tomar	Asst. Prof.	M.Pharm (Pharm. Chem.)	17/08/15	2year	MP 16118		

## 2. Qualification and number of Staff Members

Qualification		
M. Pharm	PhD	Others - Full Time
21	1+1*	0

\* PhD Thesis is submitted, awaiting award of degree (Sr. No. 22in above list)

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### 3. Teaching Staff required year wise exclusively for B.Pharm for intake of 100 Students.

	No. of Staff required
1. Pharmaceutical Chemistry	7
2. Pharmaceutical Analysis	2
3. Pharmacology	4
4. Pharmacognosy	4
5. Pharmaceutics	6
6. Pharmacy Practice	1
7. Principal	1
<b>Total</b>	<b>25</b>
<b>*Part time teaching Staff</b>	<b>3</b>
<b>Remarks of the Inspection Team</b>	

\* Part time teaching staff for Mathematics, Biology and Computer Science can be appointed.

### 4. Staff Pattern for B. Pharm courses Department wise / Division wise:

Professor: Asst. Professor: Lecturer (Professor: Associate Professor: Assistant Professor)

Department / Division	Name of the post	For strength of 100 students	Provided by the institution	Remarks of inspection team
Department of Pharmaceutics	Professor	1	1	
	Asso. Professor	2	1	
	Asst. Professor	3	3	
Department of Pharmaceutical Chemistry	Professor	1	0	
	Asso. Professor	3	3	
	Asst. Professor	3	6	
Department of Pharmacology	Professor	1	0	
	Asso. Professor	2	0	
	Asst. Professor	1	2	
Department of Pharmacognosy	Professor	1	1	
	Asso. Professor	1	1	
	Asst. Professor	2	3	
Department of Pharm. Biotechnology	Asso. Professor	1	1	
	Asst. Professor	1	0	
Dept. of Ph. Analysis / Quality Assurance	Asso. Professor	1	0	
	Asst. Professor	1	1	

### 5. Selection criteria and Recruitment Procedure for Faculty:

a.	Whether Recruitment Committee has been formed	Yes
b.	Whether Advertisement for vacancy is notified in the Newspapers	Yes
c.	Whether Demonstration Lecture has been conducted	Yes
d.	Whether opinion of Recruitment Committee Recorded	Yes

### 6.Details of Faculty Retention for:

Name of Faculty Member	Period	%
	Duration of 15 yrs. and above	NA
	Duration of 10 yrs. and above	NA
Mr. H. K. Sharma, Mr. Amit Agrawal, Mr. Sunil Ojha & Mr. R.S. Kushwaha	Duration of 5 yrs. and above	18%

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Rest all of the Faculty members as listed in 1 of Part IV – Personal above	<b>Less than 5 yrs.</b>	82%
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**7. Details of Faculty Turnover:**

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
Mr. H.K. Sharma, Mr. Amit Agrawal, Mr. Sunil Ojha, Mr. R.S. Kushwaha & Mr. Hemant Dhaker	<b>% of faculty retained in last 3 yrs</b> (From Session 2012-2013 to Session 2014-2015)	0	0	5	18

**8. Number of Non-teaching staff available for B. Pharm course for intake of 60 Students:**

Sl. No	Designation	Required (Minimum)	Required Qualification	Available		Remarks of the Inspection team
				Number	Qualification	
1	Laboratory Technician	1 for each Dept	D. Pharm	5	B.Pharm/MSc	
2	Laboratory Assistants / Attenders	1 for each Lab (minimum)	SSLC	4	B.Sc	
3	Office Superintendent	1	Degree	1	MBA	
4	Accountant	1	Degree	1	B.Com	
5	Store keeper	1	D. Pharm/ Degree	1	B.Pharm	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1	BCA	
7	Office Staff I	1	Degree	1	B.Com	
8	Office Staff II	2	Degree	2	B.Com.	
9	Peon	2	SSLC	2	SSC	
10	Cleaning personnel	Adequate	---	2	3 <sup>rd</sup>	
11	Gardener	Adequate	---	1	5 <sup>th</sup>	

**9. Scale of pay for Teaching faculty (to be enclosed):** **Enclosed**

Sl. No	Name	Qualification	Designation	Basic pay Rs.	DA Rs.	HR Rs.	CCA Rs.	Other allowance Rs.	Deductions			Bank A/C No	PAN No	EPF A/c no.	Total	Signature
									P.T	TD S	EP F					

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

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

**12. Scope for the promotion for faculty: Promotions**      Yes       No

**13. Gratuity Provided**      Yes       No

**14. Details of Non-teaching staff members (list to be enclosed):** **Enclosed**

Sl No	Name	Designation	Qualification	Date of	Experience	Signature	Remarks of
				Signature of Head of the Institution			Signature of the Inspectors

				<b>Joining</b>			<b>the Inspectors</b>

15. Whether Supporting Staff (Technical & Administrative) are encouraged for skill up gradation programs. Yes/ No √

### PART V – DOCUMENTATION

#### Records Maintained: Essential

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

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**PART - VI**

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

Sl. No	Expenditure in Rs. 2013-2014			Expenditure in Rs. 2012-2013			Expenditure in Rs. 2011-2012			Remarks of the Inspectors*
	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Returning	Total budget sanctioned	Recurring	Non Returning	
1		225,00000	201,46,345	3,50,00,000	3,46,95,057	1,28,380	1,00,00,000	90,97,805	1,88,400	

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

Sl. No	Expenditure in Rs. 2013-2014			Expenditure in Rs. 2012-2013			Expenditure in Rs. 2011-2012			Remarks of the Inspectors*
	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	
1	Chemicals	40000	17,984	Chemicals	50,000	32,756	Chemicals	50,000	42,600	
2	Glassware	20000	9446	Glassware	25,000	18,203	Glassware	30,000	27,445	

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

Sl. No	Expenditure in Rs. 2013-2014			Expenditure in Rs. 2012-2013			Expenditure in Rs. 2011-2012			Remarks of the Inspectors*
	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	
1.	Equipment	5,00000	390,634	Equipment	5,00,000	75,000	Equipment	5,00,000	46,000	

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

Sl. No	Expenditure in Rs. 2013-2014			Expenditure in Rs. 2012-2013			Expenditure in Rs. 2011-2012			Remarks of the Inspectors*
	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	Total budget sanctioned	Sanctioned	Incurred	
1.	Books	150000	1,00,756	Books	3,00,000	2,76,940	Books	1,50,000	1,34,678	
2.	Journals	50000	25935	Journals	75,000	54,650	Journals	50,000	32,917	

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

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## PART VII – EQUIPMENT AND APPARATUS

**Department wise list of minimum equipments required for B. Pharm (for a batch of 20 students)**

### DEPARTMENT OF PHARMACOLOGY

**Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscopes	20	15		
2	Haemocytometer with Micropipettes	20	20		
3	Sahli's haemocytometer	20	20		
4	Hutchinson's spirometer	01	01		
5	Spygmomanometer	10	10		
6	Stethoscope	10	15		
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands One slide of each organ system	Available		
8	Models for various organs	One model of each organ system	Available		
9	Specimen for various organs and systems	One model for each organ system	Available		
10	Skeleton and bones	One set of skeleton and one spare bone	Available		
11	Different Contraceptive Devices and Models	One set of each device	Available		
12	Muscle electrodes	01	01		
13	Lucas moist chamber	01	01		
14	Myographic lever	01	01		
15	Stimulator	01	01		
16	Centrifuge	01	01		
17	Digital Balance	01	01		
18	Physical /Chemical Balance	01	02		
19	Sherrington's Kymograph Machine / Polyrite	10	10		
20	Sherrington Drum	10	10		
21	Perspex bath assembly (single unit)	10	10		
22	Aerators	10	10		
23	Computer with LCD	01	01		

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24	Software packages for experiment	01	01		
25	Standard graphs of various drugs	Adequate number	Adequate		
26	Actophotometer	01	01		
27	Rotarod	01	01		
28	Pole climbing apparatus	01	01		
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01	01		
30	Convulsiometer	01	01		
31	Plethysmograph	01	01		
32	Digital pH meter	01	01		

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Folin-Wu tubes	60	80		
2	Dissection Tray and Boards	10	10		
3	Haemostatic artery forceps	10	20		
4	Hypodermic syringes and needles of size 15,24,26G	10	10		
5	Livers, cannulae	20	25		

**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	15		
2	Digital Balance	02	03		
3	Autoclave	02	02		
4	Hot air oven	02	02		
5	B.O.D. incubator	01	01		
6	Refrigerator	01	01		
7	Laminar air flow	01	01		
8	Colony counter	02	02		
9	Zone reader	01	01		

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10	Digital pH meter	01	01		
11	Sterility testing unit	01	01		
12	Camera Lucida	20	20		
13	Eye piece micrometer	20	15		
14	Incinerator	01	01		
15	Moisture balance	01	01		
16	Heating mantle	20	20		
17	Flourimeter	01	01		
18	Vacuum pump	02	02		
19	Micropipettes (Single and multi channeled)	05	04		
20	Micro Centrifuge	01	01		
21	Projection Microscope	01	01		

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Reflux flask with condenser	20	20		
2	Water bath	20	20		
3	Clavengers apparatus	10	20		
4	Soxhlet apparatus	10	12		
5	TLC chamber and sprayer	10	13		
6	Distillation unit	01	01		

**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		
2	Oven	03	03		
3	Refrigerator	01	01		
4	Analytical Balances for demonstration	05	05		
5	Digital balance 10mg sensitivity	10	10		
6	Digital Balance (1mg sensitivity)	01	01		
7	Suction pumps	06	06		
8	Muffle Furnace	01	01		
9	Mechanical Stirrers	10	10		

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10	Magnetic Stirrers with Thermostat	10	10		
11	Vacuum Pump	01	01		
12	Digital pH meter	01	01		
13	Microwave Oven	02	02		

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Distillation Unit	02	02		
2	Reflux flask and condenser single necked	20	20		
3	Reflux flask & condenser double/triple necked	20	20		
4	Burettes	100	100		
5	Arsenic Limit Test Apparatus	25	30		
6	Nessler's Cylinders	50	64		

**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	10		
2	Homogenizer	10	05		
3	Digital balance	05	05		
4	Microscopes	10	05		
5	Stage and eye piece micrometers	15	05		
6	Brookfield's viscometer	01	01		
7	Tray dryer	01	01		
8	Ball mill	01	01		
9	Sieve shaker with sieve set	01	01		
10	Double cone blender	01	01		
11	Propeller type mechanical agitator	05	05		
12	Autoclave	01	01		
13	Steam distillation still	01	01		
14	Vacuum Pump	01	01		
15	Standard sieves, sieve no. 8, 10, 12, 22, 24, 44, 66, 80	10 sets	10 sets		
16	Tablet punching machine	01	02		
17	Capsule filling machine	01	01		

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

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Ostwald's viscometer	20	15		
2	Stalagmometer	20	15		
3	Desiccator*	10	05		
4	Suppository moulds	20	20		
5	Buchner Funnels (Small, medium, large)	05 each	05 each		

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6	Filtration assembly	01	01		
7	Permeability Cups	05	05		
8	Andreason's Pipette	05	03		
9	Lipstick moulds	10	10		

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

## PHARMACEUTICAL BIOTECHNOLOGY

### Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Orbital shaker incubator	01	01		
2	Lyophilizer (Desirable)	01	0		
3	Gel Electrophoresis (Vertical and Horizontal)	01	01		
4	Phase contrast/Trinocular Microscope	01	01		
5	Refrigerated Centrifuge	01	01		
6	Fermenters of different capacity (Desirable)	01	0		
7	Tissue culture station	01	01		
8	Laminar airflow unit	01	01		
9	Diagnostic kits to identify infectious agents	01	01		
10	Rheometer	01	01		
11	Viscometer	01	01		
12	Micropipettes (single and multi channeled)	01 each	01 each		
13	Sonicator	01	01		
14	Respinometer	01	01		
15	BOD Incubator	01	01		
16	Paper Electrophoresis Unit	01	01		
17	Micro Centrifuge	01	01		
18	Incubator water bath	01	01		
19	Autoclave	01	01		
20	Refrigerator	01	01		
21	Filtration Assembly	01	01		
22	Digital pH meter	01	01		

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

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**CENTRAL INSTRUMENTATION ROOM:****Equipment:**

<b>Sl. No.</b>	<b>Name</b>	<b>Minimum required Nos.</b>	<b>Available Nos.</b>	<b>Working Yes / No</b>	<b>Remarks of the Inspectors</b>
1	Colorimeter	01	02		
2	Digital pH meter	01	01		
3	UV- Visible Spectrophotometer	01	01		
4	Flourimeter	01	01		
5	Digital Balance (1mg sensitivity)	01	01		
6	Nephelo Turbidity meter	01	01		
7	Flame Photometer	01	01		
8	Potentiometer	01	01		
9	Conductivity meter	01	01		
10	Fourier Transform Infra Red Spectrometer (Desirable)	01	0		
11	HPLC	01	01		
12	HPTLC (Desirable)	01	0		
13	Atomic Absorption & Emission spectrophotometer (Desirable)	01	0		
14	Biochemistry Analyzer (Desirable)	01	0		
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	0		
16	Deep Freezer (Desirable)	01	0		
17	Ion- Exchanger	01	01		
18	Lyophilizer (Desirable)	01	0		

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**Observation of the Inspectors:**

<b>Compliance of the last recommendations by Inspectors</b>
<b>Specific observations if not complied</b>

<b>Signature of Inspectors:</b>	

**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**

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- 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.

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