#### PHARMACY COUNCIL OF INDIA

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

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

To be filled up by P.C.I.

To be filled up by inspectors

Inspection No.: Date of Inspection:

FILE No.: 32-1016

17-1051 NAME OF THE INSPECTORS: 1.

(BLOCK LETTERS) 2.

PART – I

**A - GENERAL INFORMATION** 

A - GENERAL 1	NFORMATION
A – I .1  Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail Year of starting of the course	SVKM's NMIMS, Deemed-to-be-University, School of Pharmacy and Technology Management Shirpur Campus, Babulde, Bank of Tapi River, Mumbai Agra Road, Shirpur- 425 405 02563 02563-286545 02563286552 shirpur.sptm@nmims.edu  Diploma 2015 & Degree 2007
Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	University
A – I .2  Name, address of the Society/Trust/ Management (attach documentary evidence)  STD Code:  Telephone No:  Fax No:  E-mail  Web Site:	Shri Vile Parle Kelvani Mandal Bhaidas Hall,Vile Parle (W) Bhaktivedanta Marg, JVPD, Vile Parle (W), Mumbai- 400056 Maharashtra 022 26171169 02226133400 svkm@vsnl.net http://www.svkm.ac.in
A-I.3 Name, Designation and Address of person to be contacted by phone STD Code Telephone No Office Residence Mobile No. Fax No E-Mail	Dr Meena Chintamaneni Registrar SVKM's NMIMS,V.L. Mehta Road,Vile Parle(W),Mumbai- 400056 022 24355555 24355555 0992015006 02242355994 Meena.chintamaneni@nmims.edu
A – I .4 Name and Address of the Head of the Institution	<b>Dr. Ashwini Deshpande</b> 403,Staff Quarter,SVKM's NMIMS Shirpur Campus, Babulde, Bank of Tapi River, Mumbai Agra Road, Shirpur- 425 405
A – I. 4 a) Whether the Jan Aushadhi Medical Store has been opened by your institution	$\sqrt{\frac{\text{Yes} / \text{No}}{\text{(Please tick () the relevant portion)}}}$

#### 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
D. Pharm	2017 - 18	DD No 046677 25,000/-	10/06/2017	
B. Pharm	2017 - 18	DD No.46678 1,00,000/-	10/06/2017	
B. Pharm (increase in Intake)	2017 - 18	DD No.46689 50,000/-	13/06/2017	

#### **b. APPROVAL STATUS**

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVT	UNIVERSITY	Remarks of the Inspectors
B. Pharm	2014 – 15	Approval Letter No and Date	32-1016	NA	BOM,24/03/2007	•
		Approved Intake	60		60	
		Actually Admitted	60		60	
D. Pharm	2015 - 16	Approval Letter No and Date	17-1051	NA	SVKM's NMIMS	
		Approved Intake	60		60	
		Actually Admitted	60		60	

#### c. STATUS OF APPLICATION

Course	Extension o	f Approval	Increase in Intake		Re	emarks
			of Seat		Current Intake	Proposed increase in Intake
D. Pharm	Yes√	No	Yes	No	60	60
B. Pharm	Yes√	No	Yes√	No	60(up to 2017)	100(2017-18)

**Note: Enclose relevant documents** 

	1	
Λ		- 6
	_	•

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same Building / campus? If yes, give status

A 1.6 a	Yes	No	<b>V</b>
A – I. 6 a			

#### **Status of the Pharmacy Course:**

Status of the Pharmacy Cou	ırse:		
Independent Building	Yes		
Wing of Another College	No		
Separate Campus	No		
Multi Institutional Campus	Yes		
Examining Authority:		Diploma Course	Degree Course
Name with Complete Postal and STD Code.	addı	ess, telephone No. Controller of Examination SVKM's, NMIMS Deemed to be Univers	
		022 - 2435555	viie i ai ie(vv),iviui iibai-400

#### **B** - Details of the Institution

B –I .1			Ashwini Deshpande		
Name of the Princi	ipal				
	Qualifica	ation*	Teaching Experience Required	Actual experience	Remarks of the Inspectors
Qualification/ Experience	M. Pharm	V	15 years, out of which 5 years as Prof. / HOD		
Experience	PhD	V	10 years, out of which a least 05 years as Asst Prof		

<sup>\*</sup> Documentary evidence should be provided

#### B –I .2

#### For institution seeking continuation of affiliation

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied/Not Complied	Intake reduced/Stopped in the last 03 years*
D Pharm	17/12/2014	No	Yes	No
B Pharm	24/03/2012	No	Yes	No

<sup>\*</sup> Enclose Documents

#### B –I .3

D 110	
Status of Governing Council:	University
Details of the Governing Body	Enclosed
Minutes of the last Governing council Meeting	Enclosed

#### B –I .4

#### **Pay Scales:**

Staff	Scale of pay		PF	Gratuity	Pension benefit	Remarks of the Inspectors
Teaching Staff	AICTE /UGC/State Govt.	Yes	Yes	Yes	Yes	
Non- Teaching Staff	State Government	Yes	Yes	Yes	Yes	

#### B –I .5

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

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
Sanctioned	0	60	60
No. of Admissions	0	60	60
Unfilled Seats	0	0	0
No of Excess Admission	0	0	0

#### B-I.6

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

ACADEMIC YEAR	Year 2014 - 15	Year 2015 - 16	Year 2016 - 17
D. Pharm	NA	NA	91

B –I .7 B. Pharm Course: Admission statement for the past three years

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
Sanctioned	60	60	60
No. of Admissions	44	60	60
Unfilled Seats	16	0	0
No of Excess Admission	0	0	0

 $B\,{-}I\,.8$  Academic information: Percentage of UG results for the past three years based on University Calendar

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
1st Year	77	77	92
2nd Year	89	86	94
3rd Year	81	81	100
Final Year	69	80	100
Pass % (Final Year)	69	80	100

B – II Co – Curricular Activities / Sports Activities

Whether college has NSS Unit (Yes/No)? If no give reasons	No School is performing social activity through Each one Save one social activity forum.
NSS Programme Officer's Name	NA
Programme conducted (mention details)	Blood donation camp
Whether students participating in University level cultural activities / Co- curricular/sports activities	Yes
Physical Instructor	Available
Sports Ground	Shared

#### 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 (Rs. In Lakhs)

Receipts			Expenditure			
Particulars	Amount	Sl. No.		Particulars	Amount	of the Inspectors
Grants a. Government b. Others	0.00 5.22	CAPITAL EXPENDITURE				
Tuition Fee	293.07	1.	Bui	lding		
Library Fee		2.	Equ	ipment	7.52	
Sports Fee		3.	Oth	ers	0.36	
Union Fee		REV	REVENUE EXPENDIUTRE			
Others	196.30	1	Sala	nry	228.41	
		2.			1	
			i	College	83.91	
			ii	Others	8.41	
		3.				
		4.			1.50	
		5.				
		6.				
	494.59	7.	_		137.99	
Total		8.	Mis	c. Expenditure		
					460.22	
	Particulars  Grants a. Government b. Others  Tuition Fee  Library Fee  Union Fee  Others	Particulars  Grants a. Government b. Others  Tuition Fee  293.07  Library Fee   Union Fee   Others  196.30	Particulars         Amount         SI. No.           Grants         0.00         5.22           a. Government         5.22         CAP           b. Others         293.07         1.           Library Fee          2.           Sports Fee          REV           Others         196.30         1           2.         3.         4.           5.         6.           494.59         7.	Particulars  Amount  SI. No.  Grants a. Government b. Others  Tuition Fee  293.07  Library Fee   Sports Fee   Union Fee  196.30  1 Sala  EXI  ii  3. Univ. (If a Ape 5. Gov 6. Dep the Total	Particulars  Amount  SI. No.  Crants a. Government b. Others  Tuition Fee  293.07  Library Fee   Sports Fee   Union Fee  196.30  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 494.59  7. Others	Particulars

Note: Enclose relevant documents

#### PART- II PHYSICAL INFRASTRUCTURE

1. a. Availability of Land (D.Pharm / B.Pharm courses) Available(45acres)

a) 2.5 acres District HQ/Corporation/Municipality limit

b) 0.5 acre for City / Metros

b. Building<sup>†</sup> Own

c. Land Details to be in the name of Trust and Society

i) Own – Records to be enclosed

Sale deed **Enclosed** 

d. Building:

i) Approved Building plan, sale deed to **Enclosed** 

be enclosed)

e. Total Built Area of the college building in Sq.mts : Built up Area

5752 Sq.mt

Amenities and Circulation Area

3129 Sq.mt

#### 2. Class rooms:

Total Number of Class rooms provided for both D. Pharm and B. Pharm

Class	Required	Available Numbers	Required Area * for each Class Room	Available Area in Sq. mts	Remarks of the Inspectors
D. Pharm	02	02	90 Sq. mts each	194	
B. Pharm	04	06	90 Sq. mts each (Desirable) 75 Sq. mts each (Essential)	540	

<sup>(\*</sup> To accommodate 60 students)

3. Laboratory requirement for both D. Pharm and B. Pharm

SI.No.	Infrastructure for	Requirement As Per Norms	Available No.	Area in Sq. mts	Remarks
1	Laboratory Area for B. Pharm Course	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	12	1171	
2	Laboratory area for D. Pharm Course	90 Sq .mts x n (n=3) - Including Preparation room - Desirable 75 Sq. mts - Essential	3	242	
3	Pharmaceutics	03 Laboratories	4	356	
4	Pharmaceutical Chemistry	03 Laboratories	4	324	
5	Pharmaceutical Analysis	01 Laboratory	1	122	
6	Pharmacology	03 Laboratories	3	282	
7	Pharmacognosy	02 Laboratories	2	244	
8	Pharmaceutical Biotechnology	01 Laboratory	1	122	
9	Preparation Room	10 sq mts (Minimum)	8	80	
10	Area of the Machine Room	80-100 Sq.mts	1	202	
11	Central Instrument Room	80 Sq.mts with A/ C	1	81	
12	Store Room I	1 (Area 100 Sq mts)	1	80	
13	Store Room II	1 (Area 20 Sq mts)	1	20	

<sup>\*</sup>No. of laboratories required for both D. Pharm and B. Pharm-0

### <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 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:

CI	Name of	Beguirement of nor	Doguiromento ao nos	Available		
		Requirement as per Norms in number	Requirements as per Norms (in Area)	No.	Area in Sq.mts	Remarks/Deficiency
1	Principal's Chamber	01	30 Sq. mts	1	40	
	Office - I - Establishment	01	60 Sq. mts	1	30	
	Office - II - Academics			1	30	
4	Confidential Room			1	10	

#### **5.Staff Facilities:**

Sl	Name of	Requirement	Requirement	Av	ailable	Remarks/
No.	infrastructure as per Norms as per Norms in number in area	No.	Area in Sq. mts	Deficiency		
1	HODs for B.Pharm Course	Minimum 4	20 Sq mts x 4	04	81Sqmt	
2	Faculty Rooms for D.Pharm & B.Pharm course	25	10 Sq mts x n (n=No of teachers)	25	250Sqmt	

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

Sl No.	Name of infrastructure	Requirement as per Norms	Requirement as per Norms in area	Av	ailable	Remarks/ Deficiency
		in number		No.	Area in Sq. mts	
1	Animal House	01	80 Sq. mts	1	140	
2	Library	01	150 Sq. mts	1	4026	
3	Museum	01	50 Sq. mts (May be attached to the Pharmacognosy lab)	2	50	
4	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	1	1200	
5	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	1000	

#### 7. Student Facilities:

Sl.	Name of	Requirement	Requirement as	Available		Remarks/
No.	infrastructure	as per Norms in number	per Norms in area	No.	Area in Sq. mts	Deficiency
1	Girl's Common Room (Essential)	01	60 Sqmts	1	81	
2	Boy's Common Room (Essential)	01	60 Sq.mts	1	140	
3	Toilet Blocks for Boys	01	24 Sq.mts	3	74	
4	Toilet Blocks for Girls	01	24 Sq.mts	2	146	
5	Drinking Water facility – Water cooler (Essential).	01	-	2	4	
6	Boy's Hostel (Desirable)	01	9 Sq mts/ Room Single occupancy	1	1000	
7	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	1	1000	
8	Power Backup Provision (Desirable)	01		1	10	

#### 8. Computer and other Facilities:

Name	Required	Av	ailable	Remarks of the
		No. Area in		Inspectors
			Sq. mts	
Computer Room for	01	2	161	
B.Pharm Course	(Area 75 Sq mts)			
Computer	1 system for every 10 students	100		
(Latest configuration)	(UG & PG)			
Printers	1 printer for every 10	8		
	computers			
Multi Media Projector	01	8		
Generator (5KVA)	01	Yes		

9. Amenities (Desirable)

Name	Requirement	Available		Not	Remarks/
	as per Norms in	No.	Area in Sq. mts	Available	Deficiency
Principal quarters	80 Sq. mts	1	130		
Staff quarters	16 x 80 Sq mts	5	650		
Canteen	100 Sq. mts	1	543		
Parking Area for staff and students		2	100		
Bank Extension Counter		1	4		
Co operative Stores		1	80		
Guest House	80 Sq. mts	1	260		
Auditorium		1	1200		
Seminar Hall		1	200		
Transport Facilities for students		1	0		
Medical Facility (First Aid)		1	40		

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:

SI.				Availa	ble	Remarks	
	Item	Titles (No)	Minimum Volums(No)	Title	No.	of the Inspecto rs	
1	Number Of Books	150	1500 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	983	4090		
2	Annual Addition of Books		150 books per year	92	282		
3	Periodicals Hard Copies/Online		10 National 05 International periodicals Online	20 13 82	20 13 82		
4	CDS		Adequate Nos	231	231		
5	Internet Browsing Facilities		Yes/No (Minimum ten Computers)	Available			
6	Reprographic Facilities: Photocopier Fax Scanner		01 01 01	Available Available Available			
7	Library Automation and	Compu	uterized System	<i>P</i>	vailabl	е	
8	Library timings			9 a	9 am to 9 pm		

#### 10.B. Subject wise Classification:

SI.No.	Subject	Available Titles	Available Numbers	Remarks of the Inspectors
1	Pharmaceutics — I	219	807	
2	Pharmaceutical Chemistry — I	179	700	
3	Pharmacognosy	94	325	
4	Biochemistry and Clinical Pathology	40	180	
s	Human Anatomy and Physiology	40	180	
6	Health Education and Community Pharmacy	32	142	
7	Pharmaceutics — II	47	119	
8	Pharmaceutical Chemistry — II	100	708	
9	Pharmacology and Toxicology	20	40	
10	Pharmaceutical Jurisprudence	10	250	
11	Drug Store and Business Management	10	250	
12	Hospital and Clinical Pharmacy	185	359	

#### 10.C. Library Staff:

SI. No.	Staff	Qualification	Required	Available	Remarks of the Inspectors
1	Librarian	M.Lib.	1	Available	
2	Assistant Librarian	D.Lib.	1	Available	
3	Library Attenders	10+2 / PUC	2	Available	

#### PART III ACADEMIC REQUIREMENT

#### **Course Curriculum**

#### 1.Student Staff Ratio:

Class

(Required ratio --- Theory  $\rightarrow$  60:1 and Practicals  $\rightarrow$  20:1) If more than 20 students in a batch 2 staff members

Theory

to be present provided the lab is spacious.

Remarks of the

(Tick  $\sqrt{\ }$ )

**Practicals** 

No

No

Ciuss	Theory	Tructicus	S	Ins	pectors
B. Pharm	60: 01	20:01			
D. Pharm	60 : 01	20:01			
2. Scheme of B. Pharm Course:	Annual		Semeste	r √	
3. Date of Commencement of ses	ssion / sessions for B.	PHARM:	Comme	ncement	Completion
			04/07/2	2016	01/04/2017
	No	of Days		No of Day	ys
4. Vacation for B.PHARM:	Summer:	64	Winter:	13	
5. Total No. of working days for	B.PHARM:	189			
6. Date of Commencement of ses	ssion for D.PHARM:	Commenc	ement	Completi	on
		04/07/2	016	15/04/201	7
	No	of Days		No of Day	ys
7. Vacation for D.PHARM:	Summer:	53	Winter:	10	
8. Total Number of working day	s for D.PHARM	195			

### 10. Whether the prescribed numbers of classes are being conducted as per university norms for B. PHARM

Yes √

Yes √

#### I B. Pharm:

a. B. Pharm course

b. D. Pharm Course

9. Time Table copy Enclosed:

	No of Theo	ry Classes					
Subject 1	Prescribed No of Hours Conducted 2 3		Prescribed No of Hours Conducted 5		No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	Remarks of the Inspectors	
Remedial Mathematics	60	60	00	00	00		
Remedial Biology	45	45	30	30	15 X 02		
General Pharmacy	45	45	60	60	15 X 04		
Basics in pharmaceutical Chemistry	45	45	60	60	15 X 04		
Human Anatomy and Physiology I	45	45	45	45	15 X 03		
Computers Applications for pharma. Industry	45	45	30	30	15 X 02		

Signature of the Head of the Institution

Signature of the Inspectors

Applied Mathematics and Pharmaceutical Statistics	45	45	00	00	00	
Pharmaceutical Organic Chemistry I	45	45	60	60	15 X 04	
Physical Pharmacy I	45	45	60	60	15 x 04	
Human Anatomy and Physiology II	45	45	45	45	15 X 03	
Disaster Management	20	20	00	00	00	
Pharmaceutical Microbiology	45	45	45	45	15 X 03	

#### II B. Pharm:

	No of Theory Classes			Practicals				
Subject 1	Prescribed No of Hours 2	No of Hours Conducted 3	Prescribed No of Hours 4	No of Hours Conducted 5	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	Remarks of the Inspectors		
Physical Pharmacy II	45	45	60	60	15 X 04			
Pharmaceutical Analytical Approaches I	45	45	45	45	15 X 03			
Pharmaceutical Organic Chemistry II	45	45	60	60	15 X 04			
Human Anatomy and Physiology II	45	45	45	45	15 X 03			
Pharmacognosy I	45	45	45	45	15 X 03			
Unit operations	45	45	60	60	15 X 04			
Pharmaceutical Analytical Approaches II	45	45	45	45	15 X 03			
Pathophysiology I	45	45	00	00	00			
Biochemistry	45	45	45	45	15 X 03			
Pharmacognosy II	45	45	45	45	15 X 03			
Community Pharmacy	45	45	00	00	00			

#### III B. Pharm:

111 D. 1								
	No of Theo	ry Classes		Practicals				
Subject 1	Prescribed No of Hours 2	of Hours Conducted		No of Hours Conducted 5 No of Classes Conducted fulfill Prescribed Numb Hours as in Column 5 N classes x hours per cl		Remarks of the Inspectors		
Pathophysiology II	45	45	00	00	00			
Unit Operations II	45	45	60	60	15 X 04			
Pharmaceutical Technology I	45	45	60	60	15 X 04			
Pharmaceutical Analytical Approaches III	45	45	45	45	15 X 03			
Herbal Drug Technology	45	45	45	45	15 X 03			
Hospital Pharmacy	45	45	45	45	15 X 03			
Pharmacology I	45	45	45	45	15 X 03			
Pharmaceutical Technology II	45	45	60	60	15 X 04			
Medicinal Chemistry I	45	45	60	60	15 X 04			
Cell and Molecular Biology	45	45	45	45	15 X 03			
Biopharmaceutics and Pharmacokinetics	45	45	60	60	15 X 04			

#### IV B. Pharm:

	No of Theo	No of Theory Classes		Practicals				
Subject 1	Prescribed No of Hours 2	of Hours Conducted		No of Hours Conducted 5	No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class	Remarks of the Inspectors		
Pharmacology II	45	45	45	45	15 X 03			
Medicinal Chemistry II	45	45	60	60	15 X 04			
Hospital Pharmacy	45	45	45	45	15 X 03			
Pharmaceutical Technology III	45	45	60	60	15 X 04			
Pharmaceutical Biotechnology	45	45	60	60	15 X 04			
Technical Training	160	160						
Elective I	45	45	00	00	00			
Drug Delivery Systems	45	45	60	60	15 X 04			
Medicinal Chemistry	45	45	60	60	15 X 04			
Pharmacology III	45	45	00	00	00			
Drug Regulatory Affairs	45	45	00	00	00			
Clinical Pharmacy and Drug Interaction	45	45	00	00	00			
Biopharmaceutics and pharmacokinetics	45	45	60	60	15 X 04			

11. Whether the prescribed numbers of classes are being conducted as per PCI norms for D.PHARM

11. Whether the	The		nasses are bein	Practicals				
Class/Subject	Prescribed No of Hours	No of Hours Conducted	Prescribed No of Hours	No of Hours Conducted	Prescribed Number of Classes	No of Classes Conducted with duration per class	Remark of the Inspectors	
I D. Pharm	<u> </u>			l		<b>_</b>		
Pharmaceutics – I	75	75	100	100	25	25 X 4		
Pharmaceutical Chemistry – I	75	75	75	75	25	25 X 3		
Pharmacognosy	75	75	75	75	25	25 X 3		
Biochemistry and Clinical Pathology	50	50	75	75	25	25 X 3		
Human Anatomy and Physiology	75	75	50	50	25	25 X 2		
Health Education and Community Pharmacy	50	50						
II D. Pharm	I							
Pharmaceutics – II	75	75	100	100	25	25 X 4		
Pharmaceutical Chemistry – II	100	100	75	75	25	25 X 3		
Pharmacology and Toxicology	75	75	50	50	25	25 X 3		
Pharmaceutical Jurisprudence	50	50						
Drug Store and Business Management	75	75						
Hospital and Clinical Pharmacy	75	75	50	50	25	25 X 2		

12.	Whether	Tutorials	are being	conducted
	(if any, a	s per univ	ersity nor	ms)

Yes	V	No	

### 13. Number of Guest Lectures / Seminars / Work shops / Symposia / Presentations conducted during last year

A.

Name of the Event	Year 2014 - 15	Year 2015 - 16	<b>Year 2016 – 17</b>
Guest Lectures	06	06	10
Seminars			
Workshops	02	02	02
Symposia			

#### B. Papers Presented / Published during last three years

	Year	2014 -15	Year2015-	16	Year 2016 - 17		
	National	International	National	International	National	International	
Published	3	13	2	3	Nil	2	
Presented	12	Nil	2	5	nil	13	

#### 14. Whether Internal Assessments are conducted periodically as per university / Board norms

•	- 1	•
Ves	1	No -
1 05	٧	110

Class		nal Dates IM/YY		nal Dates IM/YY		onal Dates MM/YY	Remarks of the Inspectors
	Theory	ory Practicals Theor		Practicals	Theory	Practicals	
<b>B.PHARM</b>							
I B. Pharm	22/08/2016	22/08/2016	03/10/2016	26/09/2016	20/03/2017	20/03/2017	
II B. Pharm	22/08/2016	22/08/2016	03/10/2016	26/09/2016	20/03/2017	20/03/2017	
III B. Pharm	20/08/2016	20/08/2016	03/10/2016	26/09/2016	20/03/2017	20/03/2017	
IV B. Pharm	24/08/2016	24/08/2016	27/02/2017	27/02/2017	24/03/2017	24/03/2017	
D.PHARM							
I D. Pharm	03/10/2016	03/10/2016	02/01/2017	09/01/2017	27/03/2017	20/03/2017	
II D.Pharm	07/09/2016	07/09/2016	05/12/2016	05/12/2016	06/03/2017	06/03/2017	

15. Whether Ev	aluation of the int	ternal assessments is	Fair Yes $\sqrt{}$	No
	No. of	No. of Candidates	No. of Candidates	No. of
	G 11 1	1 41	1 41	O 1: 1 4

Class	No. of Candidates scored more		No. of Candidates scored more than 60 - 80%		No. of Ca scored me 50 - 6	ore than	No. o Candid Less than	ates	Remarks of the Inspectors
	than 3	80% <b>Pr</b>	Th	Pr	Th	Pr	Th	Pr	
I B.Pharm	08	03	47	57	05	-	-	-	
II B.Pharm	11	08	33	36	01	-	-	-	
III B.Pharm	05	01	31	36	02	01	-	-	
IV B.Pharm	00	00	29	24	08	14	01	-	

### 16. Whether Evaluation of the internal assessments is Fair Yes $\sqrt{\phantom{a}}$ No

Class	Cano	o. of didates ed more n 80%	scored	Candidates more than - 80%	scored r	andidates more than 60%	No. of Candidates Less than 50%		Remarks of the Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I D.Pharm	19	19 04		21 56		-	11	-	
II D.Pharm	16	10	27	37	03	-	01	-	

#### 17. Work load of Faculty members for D. Pharm and B. Pharm

Sl. No	Name of	Subjects	D. P	harm	B. P	harm		work ad	Remarks o the
	the Faculty	taught	Th	Pr	Th	Pr	D. Ph	B. Ph	Inspector
1	Dr. S. S. Deshpande	Pharmaceutical analysis			04	08		12	
2	Dr. C. G. Bonde	Pharmaceutical Analytical Approaches III			03	06		09	
3	Dr. Sateesh B.	Human anatomy and Physiology I			06	08		14	
4	D. W.A. D. W.	Pharmaceutical Organic Chemistry II			03	08		1.4	
4	Dr. V. A. Dixit	Pharmaceutical Analytical Approaches I			00	03		14	
5	Dr. R. N. Shinde	Pharmaceutical			05	08		13	
		Pharmaceutical analysis			03	06			
6	Dr. S. B. Bagade	Pharmaceutical analytical Approaches I			00	08		17	
7	Dr. A. B. Page	Pharmaceutics I			04	08		12	
		Pharmacogno sy I			03	09			
8	Dr. P. R. Dande	Management Today			1.5	00		15	
		Managerial Communicati on			1.5	00			
		Herbal Drug Technology			03	09			
9	Dr. S. U. Yele	Remedial Biology			02	00		18	
		Physical Pharmacy II			00	04			
		Human Anatomy and Physiology I			02	08			
10	Dr. K. H. Hatware	Pathophysiol ogy II			03	00		16	
	ratware	Pathophysiol ogy I			01	00			
		Remedial Biology			00	02			
11	Dr. P.A Kulkarni	Pharmaceutic a Technology I			03	08		11	
12	Dr. G. K. Saraog	Basics of Medical Devices			03	00		16	
14	Di. G. K. Saraog	Pharmaceutic s I			01	12			
13	Dr. P. C. Sangave	Pharmaceutic al Analysis			04	00		13	

Signature of the Head of the Institution

Signature of the Inspectors

Sl. No	Name of	Subjects	D. P	harm	<b>B.</b> P	harm		work ad	Remarks of the
51. 110	the Faculty	taught	Th	Pr	Th	Pr	D. Ph	B. Ph	Inspector
		Pharmaceutic							
		al Inorganic			01	04			
		Chemistry							
		Pharmaceutic							
		al Organic			00	04			
		Chemistry II							
		Physical			03	08			
14		Pharmacy II Pharmaceutic						13	
		s I			02	00			
		Hospital							
		Pharmacy			03	06			
		Pharmacopoe			1.7	00			
15	Dr. D. Mishra	ial Testing			1.5	00		14.5	
		Pharmaceutic							
		al Inorganic			00	04			
		Chemistry							
		Communicati			01	04			
		on Skills							
16		Pathophysiol ogy I			02	00		16	
		Pharmacolog					-		
		y II			03	06			
		Communicati			0.2	0.0			
		on Skills			02	00			
17	Ms. S. Warier	Medicinal			03	08		16	
		Chemistry II							
		GMPQA			03	00			
		Pharmaceutic			01	00			
		s I							
		Communicati on Skills			01	02			
18		Pharmaceutic						15	
		al							
		Technology			03	08			
		III							
		Communicati			02	02			
		on Skills			02	02			
		Pharmaceutic							
19	Mr. R. B. Bagade	al Distantantan			03	06		16	
		Biotechnolog							
		y Pharmaceutic					-		
		al Marketing			03	00			
		Pharmaceutic			0.0	0.4			
		al Analysis I			00	04			
		Pharmaceutic							
		al Inorganic			00	04			
20	Ms. K. Sangtani	Chemistry						14	
		Language			00	04			
		Lab					-		
		Pharmaceutic al Inorganic			02	00			
		Chemistry			02	00			
	I	- 11 chillipti y			I				

Sl. No	Name of	•		harm		work ad	Remarks of the		
51. 110	the Faculty	taught	Th	Pr	Th	Pr	D. Ph	B. Ph	Inspector
		Health Education and Community pharmacy	02	00					•
21	Ms. M. Tilawat	Biochemistry and Cl. Pathology	00	09			16		
		Pharmaceutics II	03	00					
		Hospital and Clinical Pharmacy	00	02					
		Pharmaceutics I	01	00					
22	Mr. K. D. Patil	Pharmaceutics II	00	12			16		
		Hospital and Clinical Pharmacy	03	00					
		Pharmaceutical Chemistry I	03	09					
23	Mr. M. Shelke	Biochemistry and Clinical pathology	02	00			16		
		Hospital and Clinical Pharmacy	00	02					
24	Mr. J. B. Gawad	Pharmacognos y	00	03			16		
24	Mi. J. D. Gawau	Pharmaceutical Chemistry II	04	09			10		
		Pharmacognos y	03	06					
25	Ms. S. Karri	Pharmacology and Toxicology	03	02			16		
		Hospital and Clinical Pharmacy	00	02					
		Human anatomy and physiology	03	06					
26	Mr. P. N. Shendge	Drug store and Business Management	03	00			16		
		Pharmacology and Toxicology	00	04					
27	Mr. T. Patil	Pharmaceutics I	02	12			16		
		Pharmaceutical jurisprudence	02	00					

#### 18. Work load of Faculty members for B. Pharm

	Name of the	Subjects	Subjects B. Pharm			Total work	Remarks of					
Sl. No	Faculty	taught	]	[	I				I.		load	the
	_	_	Th	Pr	Th	Pr	Th	Pr	Th	Pr	1044	Inspector
1	Dr. S. S. Deshpande	Pharmaceutic al analysis	04	08							12	
2		Pharmaceutic al Analytical Approaches III					03	06			09	
3	Dr. Sateesh B.	Human anatomy and Physiology I	06	08							14	
4	Dr. V. A. Dixit	Pharmaceutic al Organic Chemistry II Pharmaceutic al Analytical Approaches I			03	08					14	
5	Dr. R. N. Shinde	Pharmaceutic al Inorganic Chemistry	05	08							13	
6	Dr. S. B. Bagade	Pharmaceutic al analysis Pharmaceutic al analytical Approaches I	00	08	03	06					17	
7	Dr. A. B. page	Pharmaceutic s I	04	08							12	
8	Dr. P. R. Dande	Pharmacogn osy I Management Today Managerial Communicat ion			03 1.5 1.5	09 00 00					15	
9	Dr. S. U. Yele	Herbal Drug Technology Remedial Biology Physical Pharmacy II	02	00	00	04	03	09			18	
10	Dr. K. H. Hatware	Human Anatomy and Physiology I Pathophysiol ogy II Pathophysiol	02	08	01	00	03	00			16	
11	Dr. P. Kulkarni	ogy I Remedial Biology Pharmaceuti ca Technology	00	02			03	08			11	
12	Dr. G. K. Saraogi	I Basics of Medical Devices					03	00			16	

Signature   Staget   The property		27	6.1.				B. Pl	harm				T ( )	Remarks of
Faculty   Pharmaceuti	Sl. No	Name of the	Subjects	]	[					I	V	Total work	
Pharmaceuti   O1   12   O3   O4   O4   O5   O5   O5   O5   O5   O5	20110	Faculty	taught	Th	Pr							load	
13   Dr. P. C. Sangave   Pharmaceutic cal Analysis   Pharmaceutic cal Analysis   Pharmaceutic cal Inorganic Chemistry   Pharmaceutic cal Chemistry   Pharmaceutic cal Chemistry   Pharmaceutic cal Inorganic Chemistry   Pharmaceutic cal Chemistry   Pharmaceutic cal Chemistry   Pharmaceutic cal Inorganic Chemistry   Pharmaceutic C			Pharmaceuti										Порессот
Pharmaceuti cal Analysis   O4   00   O4   O5   O6   O6   O7   O7   O7   O7   O7   O7				01	12								
13   Dr. P. C. Sangave   Pharmaceuti cal Inorganic of Chemistry   Pharmaceuti cal Organic Chemistry   Physical Pharmaceuti cal Organic Chemistry   I   Dr. Dinesh Mishra   Pharmaceuti cal Inorganic of Chemistry   I   Dr. Dinesh Mishra   Pharmaceuti cal Inorganic of Chemistry   I   Dr. Dinesh Mishra   Dr. Dinesh Mishra   Pharmaceuti cal Inorganic of Chemistry   Dr. Dinesh Mishra   Dr													
Dr. P. C. Sangave   Pharmaceuti   Chemistry   Pharmaceuti   Chemistry   Pharmaceuti   Chemistry   Pharmaceuti   Chemistry   Pharmaceuti   Chemistry   Dr. Dinesh Mishra   Pharmaceuti   Chemistry   Communicat   Chemistry   Communicat   Chemistry   Communicat   Communica				04	00								
13   Dr. P. C. Sangave   cal Inorganic   Chemistry   Hoarmaceuti   cal Organic   Chemistry II													
13				01	04								
Pharmaceuti cal Organic Chemistry II	13	Dr. P. C. Sangave		01	04							13	
Cal Organic Chemistry II													
Chemistry II						00	04						
14   Mr. m. B. Shete   Physical Pharmacy II   Pharmaceuti cs I   02   00   03   06													
14   Mr. m. B. Shete   Pharmacy II   Pharm													
14    Mr. m. B. Siete   Pharmaceuti cs   1						03	08						
15   Dr. Dinesh Mishra   Hospital Pharmacy Pharmacopo   Pharmacopo   Pharmacopo   Chemistry   O0   O4   O4   O5   O5   O5   O5   O5   O5	14	Mr. m. B. Shete										13	
Hospital Pharmacy   Pharmacy   Pharmacy   Pharmacy   Pharmacy   Pharmacy   Pharmacy   Pharmacy   Pharmacopo   Pharmacopo   Pharmacopo   Pharmacopo   Pharmacouti   Pharmacouti   Chemistry   Pharmacouti   Chemistry   Pharmacolog   Pharmacol				02	00								
Pharmacopo e ial Testing   Pharmacopo e ial Testing   Pharmacopo e ial Testing   Pharmacouti cal Inorganic   Chemistry													
Dr. Dinesh Mishra eial Testing								03	06				
15   Dr. Dinesh Mishra   eial Testing   Pharmaceuti   cal Inorganic   Chemistry   O   O   O   O   O   O   O   O   O													
Pharmaceuti cal Inorganic	15	Dr. Dinesh Mishra						1.5	00			14.5	
Cal Inorganic Chemistry													
Chemistry				00	04								
16   Mr. chhabildas   Dathophysiol ogy I   Deharmacolog y II   D													
16   Mr. chhabildas   Pathophysiol ogy I   Pharmacolog y II				0.1	0.4								
Buva			ion Skills	01	04								
Buva	1.6	Mr. chhabildas	Pathophysiol			0.2	00						
V II	10	Buva				02	00						
17   Ms. S. Warier   Communicat ion Skills   00   02										0.2	06		
17   Ms. S. Warier			-							03	00		
17   Ms. S. Warier				00	02								
Chemistry II				00	02								
Chemistry II	17	Ms. S. Warier								03	08	16	
Pharmaceuti   01   00											00		
18   Ms. M. Joshi										03	00		
18   Ms. M. Joshi   Communicat   01   02				01	00								
18 Ms. M. Joshi   ion Skills   O1   O2													
Pharmaceuti cal Technology III  Communicat ion Skills Pharmaceuti cal Biotechnolo  Mr. R. B. Bagade  Pharmaceuti cal 02 02 02 03 06 16				01	02								
cal Technology III  Communicat ion Skills  Pharmaceuti cal Biotechnolo  19 Mr. R. B. Bagade Biotechnolo  03 08  03 08  03 06	18	Ms. M. Joshi										15	
Technology III  Communicat ion Skills Pharmaceuti cal Biotechnolo  19 Mr. R. B. Bagade Biotechnolo  Technology III  03 08  03 06  16													
III  Communicat of the second										03	08		
Communicat ion Skills Pharmaceuti cal Biotechnolo  O2 02  03 06  16													
ion Skills   02   02													
Pharmaceuti cal Biotechnolo 03 06 16				02	02								
19 Mr. R. B. Bagade Biotechnolo 03 06 16													
19 Mr. R. B. Bagade Biotechnolo 16													
	19	Mr. R. B. Bagade								03	06	16	
			gy										
Pharmaceuti			Pharmaceuti										
cal   03   00										03	00		
Marketing Marketing			Marketing										
Pharmaceuti Pharmaceuti													
cal Analysis   00   04			cal Analysis	00	04								
20 Ms. K. Sangtani II 14	20	Ms K Sanatani	I									14	
Pharmaceuti	20	avis. ix. bangtam										17	
cal Inorganic 00 04				00	04								
Chemistry			Chemistry										

	Name of the	Subjects				B. Pl	narm				Total work	Remarks of
Sl. No		taught	I		II		III		IV			the
	Faculty		Th	Pr	Th	Pr	Th	Pr	Th	Pr	load	Inspector
		Language Lab							00	04		
		Pharmaceuti cal Inorganic Chemistry		00								

#### 19. Workload of Faculty members for D. Pharm

Sl.	Name of the	Subjects			D. Pha	rm	Total work load	Remarks of
No	Faculty	taught	ΙI	). Ph	П	D. Ph	Total Work load	the Inspector
			Th	Pr	Th	Pr		-
		Health Education and Community pharmacy	02	00				
1	Ms. M. Tilawat	Biochemistry and Cl. Pathology	00	09			16	
		Pharmaceutics II			03	00		
		Hospital and Clinical Pharmacy			00	02		
		Pharmaceutics I	01	00				
2	Mr. K. D. Patil	Pharmaceutics II			00	12	16	
2	MI. K. D. Paul	Hospital and Clinical Pharmacy			03	00	10	
		Pharmaceutical Chemistry I	03	09				
3	Mr. M. Shelke	Biochemistry and Clinical pathology	02	00			16	
		Hospital and Clinical Pharmacy			00	02		
		Pharmacognosy	00	03				
4	Mr. J. B. Gawad	Pharmaceutical Chemistry II			04	09	16	
		Pharmacognosy	03	06				
5	Ms. S. Karri	Pharmacology and Toxicology			03	02	16	
		Hospital and Clinical Pharmacy			00	02		
		Human anatomy and physiology	03	06				
6	Mr. P. N. Shendge	Drug store and Business Management			03	00	16	
		Pharmacology and Toxicology			00	04		
		Pharmaceutics I	02	12				
7	Mr. T. Patil	Pharmaceutical jurisprudence			02	00	16	

20. Percentage of students qualified in GATE in the last Three Years

Details	Year 2004-15	Year 2015-16	Year 2016-17
No. of Students Appeared	-	-	-
No. of Students Qualified	-	-	-
Percentage	-	-	-

### 21. Whether the Institution has an Industry – Institution Interaction cell For B. Pharm

Yes

 $\sqrt{}$ 

No

If applicable please give the details for the previous Year

Events	Details for the Previous Year
No. of Industrial visits	02
Industrial Tour	
Industrial Training	01
No. of Resource Persons from the Industry for Guest Lectures	10
No. of Collaboration projects with Industry	03

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

Year	Year 2004-15	<b>Year 2015-16</b>	Year 2016-17
No. of students			
appeared for campus			
interview			
% Placed			

23.	Whether	<b>Professional</b>	Society	Activities	are Conducted	(Enclose	Details)
	(ISTE, I	PA, APTI, IC	CTA and	Related S	Societies)		

Yes√	No

#### **PART IV - PERSONNEL**

#### TEACHING STAFF

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

S l N o	Name	Designation	Qualific ation	Date of Joining	Teaching Experience	State Pharm acy Council Reg.No	Signatur e of the faculty	Remarks of the Inspectors
1	Ashwini	Associate	M. Pharm,	01/06/2010				
1	Deshpande Chandrakant	Dean	Ph.D.		22 Years	36566		
2	Bonde	Professor	M. Pharm, Ph.D.	15/07/2007	20 Years	49433		
3	Sateesh Belamkar	Professor	M. Pharm, Ph.D.	01/03/2009	21 Years	35257		
	Shirish	110103301	M. Pharm,	01/06/0010	21 1 cars	33231		
4	Deshpande	Professor	M. Pharm, Ph.D.	01/06/2010	32 Years	40485		
5	Gaurav Saraogi	Associate Professor	M. Pharm,	10/07/2017	12 Years	12050		
	Parag	Associate	Ph.D.		12 1 ears	13059		
6	Kulkarni	Professor	M. Pharm, Ph.D.	29/06/2017	12 Years	51229		
	Preeti	Associate		01/07/2017				
7	Sangave	Professor	Msc. Ph.D. M Pharm,		11 Years	54419		
8	Ranajit Shinde	Associate Professor	PHD, Post	17/06/2017	09 Years			
0	Sanjay	Associate	Doc.		09 Years			
9	Sharma	Professor	M. Pharm, Ph.D.	01/07/2016	15 Years	14842		
10	Vaibhav Dixit	Associate Professor	M Pharm, PHD, Post	09/03/2016	05 Year			
10	Dinesh	110103501	Doc.		US Teat			
	Kumar	Associate	M. Pharm,	01/08/2017				
11	Mishra	Professor	Ph.D.		15 Years	11093		
12	Amit Page	Assistant Professor	M. Pharm, Ph.D.	20/06/2009	17 Years	51789		
13	Payal Dande	Assistant Professor	M. Pharm, Ph.D.	18/06/2009	09 Years	57886		
14	Santosh Yele	Assistant Professor	M. Pharm, Ph.D.	09/06/2016	12 Years	118770		
15	Shashikant Bagade	Assistant Professor	M. Pharm, Ph.D.	01/07/2008	14 Years	58628		
16	Smita Bonde	Assistant Professor	M. Pharm, Ph.D.	16/07/2007	13 Years	57778		
17	Ketan Hatware	Assistant Professor	M. Pharm, Ph.D.	28/07/2016	09 Years	76948		
18	Meghanath shete	Assistant Professor	M. Pharm	01/10/2016	7 Years	119488		
19	Jineetkumar Gawad	Lecturer	M. Pharm	01/08/2016	5 Years	120458		
20	Kiran Patil	Lecturer	M. Pharm	06/09/2016	5 Years	139718		
21	Madhav Shelke	Lecturer	M. Pharm	06/09/2016	2 Years	154106		

	Parshuram	Lecturer					
22	Shendge		M. Pharm	06/06/2016	07 Year	89713	
	Karri	Lecturer		20/07/2016	02.17		
23	Sravani		M. Pharm	28/07/2016	03 Years	114075	
	Meena	Lecturer		01/07/2016	05 Years		
24	Tilawat		M. Pharm	01/07/2016	05 rears	82466	
	Mr.	Lecturer	M. Pharm				
	Tulshidas						
25	Patil			01/09/2016	01 Years	192418	
	Ms. Monika	Assistant	M. Pharm				
26	Joshi	Professor		01/08/2016	01 Years		
	Ms. Sona	Assistant	M. Pharm				
27	Warrier	Professor		01/07/2014	03 Years	102961	
	Ms. Komal	Assistant	M. Pharm				
28	Padhariya	Professor		01/09/2017	01 Years	166130	
	Mr	Assistant	M. Pharm				
	Chabildas	Professor					
29	Buva			01/09/2017		144064	
	Mr.	Assistant	M. Pharm				
	Ramakant	Professor					
30	Bagade			01/09/2017		128169	

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

Name	Designat	Qualificat	Date of	Teach	State	Sig	Remar
	10 <b>n</b>	ion	Joining				ks of the
				_	•		Inspect
					il Reg	the	ors
					No.	fac	
						ult	
						y	
	Associate	M. Pharm,	01/06/2010				
	Dean		01/00/2010	22 Years	36566		
			15/07/2007				
	Professor			20 Years	49433		
	D 0		01/03/2009				
	Professor			23 Years	35257		
	D C	,	01/06/2010		40.40.		
				32 Years	40485		
			10/07/2017	44.55	400.50		
				12 Years	13059		
_			29/06/2017	10.77	51000		
		Pn.D.		12 Years	51229		
		Maa Dh D	01/07/2017	1137	54410		
Sangave	Professor			11 Years	54419		
Danajit	Associato		17/06/2017				
			1//00/201/	00 veers			
				09 years			
		,	01/07/2016	15 Veore	1/18/12		
Silarina	110103301			13 1 5415	14042		
Vaibhay	Associate		09/03/2016				
			57,03,2010	05 Year			
	Ashwini Deshpande Chandraka nt Bonde Sateesh Belamkar Shirish Deshpande Gaurav Saraogi Parag Kulkarni Preeti Sangave  Ranajit Shinde Sanjay Sharma  Vaibhav Dixit	Ashwini Deshpande Chandraka nt Bonde Professor Sateesh Belamkar Professor Shirish Deshpande Gaurav Saraogi Parag Associate Saraogi Professor Parag Associate Kulkarni Professor Preeti Sangave Professor Preeti Sangave Associate Sangave Professor Professor Associate Sangave Professor Associate Professor Professor Associate Shinde Professor Sanjay Associate Sharma Associate Professor	Ashwini Deshpande Chandraka nt Bonde Professor Belamkar Deshpande Professor Ph.D. Sateesh Belamkar Professor Ph.D. Shirish Deshpande Professor Ph.D. Gaurav Associate Saraogi Professor Professor Ph.D.  Parag Associate Kulkarni Professor Professor Ph.D.  Preeti Associate Sangave Professor Ph.D.  M. Pharm, Pharm, Ph.D.  M. Pharm, Ph.D.  Preeti Associate Sangave Professor Msc. Ph.D.  M Pharm, Pharm, Ph.D.  M Pharm, Pharm, Pharm, Ph.D.  M Pharm, Ph.D.	Ashwini Deshpande Chandraka nt Bonde Professor Belamkar Deshpande Professor Shirish Deshpande Caurav Saraogi Professor Professor Professor Professor Professor Professor Ph.D.  M. Pharm, Ph.D.  O1/06/2010 Ph.D.  Gaurav Associate Saraogi Professor Professor Professor Preeti Associate Sangave Professor Professor Professor Preeti Sassociate Sangave Professor Professor Professor Professor Professor M. Pharm, Ph.D.  M. Pharm, Ph.D.  10/07/2017 Preeti Associate Sangave Professor Msc. Ph.D.  M Pharm, Ph.D.  M Pharm, Ph.D.  Nor/2017 Professor Professor Professor Professor Professor Ph.D.  M Pharm, Ph.D.  M Pharm, Ph.D.  W Pharm, Ph.D.  Vaibhav Associate Professor Ph.D.  M Pharm, Ph.D.  M Pharm, Ph.D.  O1/07/2016	Ashwini Deshpande Chandraka nt Bonde Professor Shirish Deshpande Saraogi Professor Parag Kulkarni Professor Preeti Sangave Professor Professor Professor Professor Professor Ph.D.  M. Pharm, Ph.D.  10/07/2017 12 Years  M. Pharm, Ph.D.  10/07/2017 12 Years  M. Pharm, Ph.D.  M. Pharm, Ph.D.  Parag Kulkarni Professor Preeti Sangave Professor Professor Msc. Ph.D.  M. Pharm, Ph.D.  M. Pharm, Ph.D.  10/07/2017 11 Years  M. Pharm, Ph.D.  M. Pharm,	Ashwini Deshpande Chandraka nt Bonde Professor Ph.D. Shirish Deshpande Professor Ph.D. Saraogi Professor Ph.D. Saraogi Professor Ph.D. Saraogi Professor Ph.D. Preeti Associate Sangave Professor Professor Ph.D. Ph.D. Professor Ph.D. Professor Ph.D. Ph.D. Professor Ph.D.	Ion

	Dinesh						I	
	Kumar	Associate	M. Pharm,	01/08/2017				
11	Mishra	Professor	Ph.D.	01/00/2017	15 Years	11093		
11	TVIISIII	Assistant	M. Pharm,		13 1 cars	11075		
12	Amit Page	Professor	Ph.D.	20/06/2009	17 Years	51789		
	Payal	Assistant	M. Pharm,		17 10015	21707		
13	Dande	Professor	Ph.D.	18/06/2009	09 Years	57886		
	Santosh	Assistant	M. Pharm,		05 1 0015	27000		
14	Yele	Professor	Ph.D.	09/06/2016	12 Years	118770		
	Shashikant	Assistant	M. Pharm,	0.1.10 = 10.000		223,,0		
15	Bagade	Professor	Ph.D.	01/07/2008	14 Years	58628		
	Smita	Assistant	M. Pharm,	1.5/0.7/2.007				
16	Bonde	Professor	Ph.D.	16/07/2007	13 Years	57778		
	Ketan	Assistant	M. Pharm,	20/07/2017				
17	Hatware	Professor	Ph.D.	28/07/2016	09 Years	76948		
	Meghanath	Assistant		01/10/2016				
18	shete	Professor	M. Pharm	01/10/2016	07 Years	119488		
	Jineetkuma			01/09/2017				
19	r Gawad	Lecturer	M. Pharm	01/08/2016	05 Years	120458		
20	Kiran Patil	Lecturer	M. Pharm	06/09/2016	05 Years	139718		
	Madhav			06/00/2016				
21	Shelke	Lecturer	M. Pharm	06/09/2016	02 Years	154106		
	Parshuram	Lecturer		06/06/2016	07 Year			
22	Shendge		M. Pharm	00/00/2010	07 Teat	89713		
	Karri	Lecturer		28/07/2016	03 Years			
23	Sravani		M. Pharm	20/07/2010	05 Tears	114075		
	Meena	Lecturer		01/07/2016	06 Years			
24	Tilawat		M. Pharm	01/0//2010	00 10015	82466		
	Mr.	Lecturer	M. Pharm					
	Tulshidas							
25	Patil		3 ( 5)	01-08-16	01 Yrs	192418		
	Ms.	Assistant	M. Pharm					
26	Monika	Professor						
26	Joshi	<b>A</b> •	M DI	01-08-16	02 Yrs			
27	Ms. Sona	Assistant	M. Pharm	01.07.14	02.17	102071		
27	Warrier Ms. Komal	Professor	M. Dlagman	01-07-14	03 Yrs	102961		
28	Padhariya	Assistant	M. Pharm	01/00/2017	01 37 -	1///120		
28	Mr	Professor Assistant	M Dharm	01/09/2017	01 Years	166130		
	Chabildas	Assistant Professor	M. Pharm					
29	Buva	FIOICSSOI		01 00 17		144064		
29	Mr.	Assistant	M. Pharm	01-09-17		144064		
	Ramakant	Professor	IVI. FIIAIIII					
30	Bagade	1 10105501		01-09-17		128169		
50	Duguac			01-09-1/		120109	]	

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

S	Name	Design	Qualific	Date of	Teaching		State	Signat	Remarks of the
1		ation	ation	Joining	Expe	rience	Pharmacy	ure of	Inspectors
N					After	After	Council	the	_
0					UG	PG	Reg No.	faculty	
	Meena	Lecturer		01/07/2017		_			
1	Tilawat		M. Pharm	01/07/2016		5	82466		
2	Kiran Patil	Lecturer	M. Pharm	06/09/2016		5	139718		

3	Madhav Shelke	Lecturer	M. Pharm	06/09/2016	 2	154106	
	Jineetkumar			01/00/2016			
4	Gawad	Lecturer	M. Pharm	01/08/2016	5	120458	
5	Karri Sravani	Lecturer	M. Pharm	28/07/2016	 3	114075	
	Parshuram	Lecturer		06/06/2016	 7		
6	Shendge		M. Pharm	00/00/2010	/	89713	
	Mr. Tulshidas	Lecturer	M. Pharm		 1		
7	Patil*			01/09/2016		192418	

#### 4. Qualification and number of Staff Members

	Qualification									
B. P	harm	M. Pharm		PhD		Others				
							Part Time			
30		29		17		03				

#### 5.Staff Pattern for B. Pharm courses department wise: : Professor: Asst. Professor: Lecturer

Department / Division	Name of the post	For strength of 60 students	Provided by the institution	Remarks of the Inspectors of inspection team
Department of Pharmaceutics	Professor	1	01	
	Asst. Professor	1	03	
	Lecturer	4	03	
Department of Pharmaceutical	Professor	1	02	
Chemistry	Asst. Professor	1	04	
(including Pharmaceutical Analysis)	Lecturer	4	04	
Department of Pharmacology	Professor	1	01	
	Asst. Professor	1	00	
	Lecturer	3	03	
Department of Pharmacognosy	Professor	1	00	
	Asst. Professor	1	00	
	Lecturer	2	02	

6. Teaching Staff required year wise exclusively for B. Pharm for intake of 60 Students.

	No. of staff required for I *B.Pharm	Available	No. of staff required for II B.Pharm	Available	No. of staff required for III B.Pharm	Available	No. of staff required for IV B.Pharm	Available
Principal	1	1	1	1	1	1	1	1
Pharmaceutical Chemistry	1	1	1	1	3	3	4	5
Pharmaceutical Analysis	1	1	1	1	-	-	1	1
Pharmacology	1	1	1	1	3	3	4	4
Pharmacognosy	1	1	1	1	3	3	3	3
Pharmaceutics	1	1	1	1	3	3	4	5
Total	6	6	6	6	13	13	17	19
Part time teaching Staff	3	3	-		-		-	
Remarks of the Inspection Team								

<sup>\*</sup>Part time teaching staff for Mathematics, Biology and Computer Science should be appointed.

#### 7. 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√

8. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
NA	Duration of 15 yrs. And above	NA
Dr. Chandrakant Bonde, Dr. Sateesh Belamkar, Dr. Smita	Duration of 10 yrs. And above	10
Bonde 3		
Dr. Ashwini Deshpande, Dr. Shirish Deshpande, Dr. Priti Sangvi, Dr. Amit Page, Dr. Santosh Yele, Dr. Shashikant	<b>Duration of 5 yrs. And above</b>	23
Bagade, Dr. Payal Dande 7		
Dr. Sanjay Sharma, Dr. Vaibhav Dixit, Dr. Gaurav Saraogi	Less than 5 yrs.	67
Dr. Dinesh Mishra, Dr. Parag Kulkarni, Dr Ranajit Shinde		
Dr. Ketan Hatware, Mr. Meghanath Shete		
Mr. Tulshidas Patil, Ms. Komal Padhriya		
Ms. Monika Joshi, Ms. Sona Warrier		
Mr Chabildas Buva, Mr. Ramakant Bagade		
Mr. Jineet kumar, Mr. Kiran Patil		
Mr. Madhav Shelke, Mr. Parshuram Shendge		
Mrs. Karri Sravani, Mrs. Meena Tilawat 20		
Mrs. Karri Sravani, Mrs. Meena Tilawat 20		

9. Details of Faculty Turnover

Name of Faculty		More than	50%	25	Less than
Member	Period	50%		%	25%
Dr. Ashwini Deshpande, Dr. Shirish	% of faculty		40		
Deshpande, Dr. Priti Sangvi, Dr. Amit Page,	retained in last 3				
Dr. Santosh Yele, Dr. Shashikant Bagade, Dr.	vrs				
Payal Dande, Dr. Chandrakant Bonde, Dr.					
Sateesh Belamkar, Dr. Smita Bonde, Ms.					
Sona Warrier,					

### 10. Number of Non-teaching staff available for D. Pharm and B. Pharm course for intake of 60 students:

Sl.	Designation	Required	Required	A	vailable	Remarks of
No.		Number	Qualification	Number	Qualification	the Inspection team
1	Laboratory Technician	1 for each Dept	D. Pharm	05	D. Pharm	
2	Labortory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	04	SSLC	
3	Office Superintendent	1	Degree	01	Degree	
4	Accountant	1	Degree	01	Degree	
5	Store keeper	1	D. Pharm/ Degree	01	D. Pharm	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	01	Degree	
7	First Division Assistant	1	Degree	01	Degree	
8	Second Division Assistant*	2	Degree	02	Degree	
9.	Peon	2	SSLC	02	SSLC	
10	Cleaning personnel*	Adequate		03	SSC	
11	Gardener*	Adequate		01	SSC	

<sup>\*</sup>Shaired

## 11. Scale of pay for Teaching Faculty (Enclosed)

12. Whether facilities for Research / Higher studies are provided to the faculty? YES (Inspectors to verify documents pertaining to the above)
13. Whether faculty members are allowed to attend workshops and seminars? YES (Inspectors to verify documents pertaining to the above)
14. Scope for the promotion for faculty: Promotions

15. Gratuity Provided Yes  $\sqrt{\phantom{a}}$  No

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

Sr	Name	Designation	Qualificatio	Date of	Experience	Signature	Remarks of
No			n	Joining			the Inspectors
1	Mr. Bhupesh Jaware	Superintendent	MBA	24/01/2011	11 Years		
2	Mr. Rahul Sonawane	Office cum Account Clerk	M. Com	01/02/2008	10 Years		
3	Mr. Chandrakant	Assistant (Purchase)	D. Pharm	16/07/2007	13 Years		
4	Mr. Hansraj Ahire	Lab Assistant	D. Pharm	18/07/2007	10 Years		
5	Mr. Hiralal Chaudhary	Assistant (Exam)	D. Pharm	20/07/2007	11 Years		
6		Lab Assistant (Intrument Room, Chemistry)	BSc, D Pharm	20/07/2007	10 Years		
7	Mr. Farooq Shaikh	Assistant	HSC	01/09/2008	9 Years		
8	Mr. Kiran Pawar	Lab	D. Pharm	15/07/2008	9 Years		
9	Mr. Pradip Jadhav	Lab Assistant(Chemistry,	Bsc	15/07/2008	9 Years		
10	Mr. Prafull Rajput	Lab Assistant (QA. Pceutics)	D. Pharm	15/07/2008	9 Years		
11	Mr. Mukesh Sonawane	Lab Assistant(Pharmaceutics , Pilot Plant)	Bsc,D Pharm	15/07/2008	9 Years		
12	Mr. Mukesh L. Patil	Lab Assistant	B.Com, D	02/03/2010	7 Years		
13	Ms. Dipali Mahajan	Assistant Librarian	M. Lib	02/11/2016	10 Years		
14	Mr. Rahul Sharma	Coordinator	MBA	12/10/2016	14 Years		
15	Mr. Ajya Wagh	Assistant Professor	MCA	23/08/2008	28 Years		
16	Mr. Anil Mahajan	Peon	HSC	01/09/2008	9 Years		

17. Whether Supporting Staff (Technical and Administrative) are encouraged for skill up gradation programs. Yes  $\sqrt{}$ 

#### **PART V - DOCUMENTATION**

#### **Records Maintained: Essential**

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

PART - VI

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

Sl	Expenditure in Rs. 2014 – 15 (Lakhs)			Expenditure in Rs. 2015 – 16 (Lakhs)			Expenditure in Rs. 2016 – 17 (Lakhs)			Remarks of the Inspectors*
No.	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Returning	Total budget sanctioned	Recurring	Non Returning	
	470.5	430	402	445.35	405.35	40.00	460	420	40	

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

Sl	Expenditure in Rs. 2014 – 15 (Lakhs)		Expenditure in Rs. 2015 – 16 (Lakhs)			Expenditure in Rs. 2016 – 17 (Lakhs)			Remarks of the Inspectors*	
No.	Total	Sanctioned	Incurred	Total budget	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			allocated			budget			
	allocated						allocated			
	Chemicals	2.00	0.32	Chemicals	5.50	2.96	Chemicals	5.50	1.42	
	Glassware	2.00	0.33	Glassware		2.11	Glassware		1.90	

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

Sl		Expenditur 2014 – 15 (		Expenditure in Rs. 2015 – 16 (Lakhs)		Expenditure in Rs. 2016 – 17 (Lakhs)			Remarks of the Inspectors*	
No.	Total budget	Sanctioned	Incurred	Total budget	Sanctioned	Incurred	Total budget	Sanctioned	Incurred	
	allocated			allocated			allocated			
	Equipment	1	00	Equipment	1	5.72	Equipment	1	7.52	

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

Sl No.	Expenditure in Rs. 2014 – 15 (Lakhs)			Expenditure in Rs. 2015 – 16 (Lakhs)			Expenditure in Rs. 2016 – 17 (Lakhs)			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Inspector s
1	Books	5.0	0.92	Books	5.0	1.23	Books	5.0	0.38	
2	Journals	5.0	1.26	Journals	5.0	1.34	Journals	5.0	0.52	

<sup>\*</sup>Last three years including this academic year till the date of inspection

#### PART VII – EQUIPMENT AND APPARATUS

Note: Inspectors are requested to note that items which are marked with an asterisk (\*) are common for both B. Pharm and D. Pharm.

I --Department wise List of Minimum equipments required for D. Pharm

#### **PHARMACEUTICS**

#### **Equipment:**

Sl.	Name	Minimum	Available Nos.	Working	Remarks of the
No.		required Nos.		Yes / No	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 bacteria proof filtration (four different grades)	Adequate	Adequate	Yes	

26	Millipore filter ( 3 grades)	Adequate	Adequate	Yes	
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 number of glassware commonly used in the laboratory should be provided in each laboratory and department.

### PHARMACEUTICAL CHEMISTRY Equipment:

Sl. No.	Name	Minimum	Available Nos.	Working	Remarks of
		required Nos.		Yes / No	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 number of glass ware commonly used in the laboratory should be provided in each laboratory and department.

### 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	01	10	Yes	
4	Sherington's rotating drum*	01	10	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	01	01	Yes	
10	Pole climbing apparatus*	01	01	Yes	
11	Histamine chamber	01	01	Yes	
12	Simple lever*	Adequate	Adequate	Yes	
13	Sterling heart lever*	Adequate	Adequate	Yes	
14	Aerator*	Adequate	Adequate	Yes	
15	Histological Slides	Adequate	Adequate	Yes	
16	Sphygmomanometer* (B.P. apparatus)	05	05	Yes	
17	Stethoscope*	05	05	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	01	01	Yes	
22	Kymograph paper	Adequate	Adequate	Yes	
23	Actophotometer*	01	01	Yes	
24	Analgesiometer*	01	01	Yes	
25	Thermometer	Adequate	Adequate	Yes	
26	Plastic animal cage	Adequate	Adequate	Yes	
27	Double unit organ bath with thermostat	01	01	Yes	
28	Refrigerator	01	01	Yes	
29	Digital balance	01	01	Yes	
30	Charts	Adequate	Adequate	Yes	
31	Human skeleton*	01	01	Yes	

3	Anatomical specimen (Heart, brain,	01 set	01 set	Yes	
2	eye, ear reproductive system etc.,)*				
3	Electro-convulsiometer*	01	01	Yes	
3	Stop watch	Adequate	Adequate	Yes	
3	Clamp, boss heads, screw clips*	Adequate	Adequate	Yes	
3	Syme's Cannula*	Adequate	Adequate	Yes	

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

#### PHARMCOGNOSY LABORATORY

#### **Equipment:**

Sl No.	Name	Minimum	Available Nos.	Working	Remarks of the
		required Nos.		Yes / No	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 number of glassware commonly used in the laboratory should be provided in each laboratory and department.

### PHARMACY PRACTICE LABORATORY Equipment:

Sl 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	Centri fuge	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	
8	Filling Machine	1	1	Yes	
9	Sealing Machine	1	1	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

10	Autoclave sterilizer	1	1	Yes	
11	Membrane filter	1 Unit	1 Unit	Yes	
12	Sintered glass funnel with complete filtering	Adequate	Adequate	Yes	
	assemble				
13	Small disposable membrane filter for IV	Adequate	Adequate	Yes	
	admixture filtration				
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 number of glass ware 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.

# II 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*	15	15	Yes	
2	Haemocytometer with Micropipettes*	20	20	Yes	
3	Sahli's haemocytometer	20	20	Yes	
4	Hutchinson's spirometer	01	01	Yes	
5	Sphygmomanometer*	5	5	Yes	
6	Stethoscope*	5	5	Yes	
	Permanent Slides for various tissues	One pair of each tissue	One pair of each tissue	Yes	
		Organs and endocrine glands One slide of each organ system	Organs and endocrine glands One slide of each organ system		
8	Models for various organs	One model of each organ system	One model of each organ system	Yes	
9	Specimen for various organs and systems*	One model for each organ system	One model for each organ system	Yes	
10	Skeleton and bones*	One set of skeleton and one spare bone	One set of skeleton and one spare bone	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	Electronic 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	

2	Aerators*	10	10	Yes
2	Computer with LCD	01	01	Yes
2	Software packages for experiment	01	01	Yes
2	Standard graphs of various drugs	Adequate number	Adequate number	Yes
2	Actophotometer*	01	01	Yes
2	Rotarod	01	01	Yes
2	Pole climbing apparatus*	01	01	Yes
2	Analgesiometer (Eddy's hot plate and	01	01	Yes
9	radiant heat methods)*			
3	Convulsiometer*	01	01	Yes
3	Plethysmograph	01	01	Yes
3	Digital pH meter	01	01	Yes

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
		Nos.		Yes / No	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	10	10	Yes	
	size 15,24,26G				
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	15	15	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	Microscope with stage and oil	20	20	Yes
	immersion objective			
12	Sterility testing unit	01	01	Yes
13	Camera Lucida	15	15	Yes
14	Eye piece micrometer	15	15	Yes
15	Stage micrometer	20	20	Yes
16	Incinerator	01	01	Yes
17	Moisture balance	01	01	Yes
18	Heating mantle	15	15	Yes
19	Flourimeter	01	01	Yes
20	Vacuum pump	02	02	Yes
21	Micropipettes (Single and multi	02	02	Yes
	channeled)			
22	Micro Centrifuge	01	01	Yes
23	Projection Microscope	01	01	Yes

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	
5	TLC chamber and sprayer	10	10	Yes	
6	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	

Signature of the Head of the Institution

Signature of the Inspectors

5	Digital balance 10mg sensitivity	10	10	Yes	
6	Suction pumps	06	06	Yes	
7	Muffle Furnace	01	01	Yes	
8	Mechanical Stirrers	10	10	Yes	
9	Magnetic Stirrers with Thermostat	10	10	Yes	
10	Vacuum Pump	01	01	Yes	
11	Digital pH meter	01	01	Yes	
12	Microwave Oven	01	01	Yes	

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	40	40	Yes	
5	Arsenic Limit Test Apparatus	20	20	Yes	
6	Nesslers Cylinders	40	40	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	Homogenizer	05	5	Yes	
2	Digital balance (10 mg sensitivity)	05	5	Yes	
3	Microscopes	05	5	Yes	
4	Stage and eye piece micrometers	05	5	Yes	
5	Brookfield's viscometer	01	1	Yes	
6	Ball mill*	01	1	Yes	
7	Sieve shaker with sieve set*	01	1	Yes	
8	Double cone blender	01	1	Yes	
9	Propeller type mechanical agitator	05	5	Yes	
10	Autoclave*	01	1	Yes	
11	Steam distillation still	01	1	Yes	

12	Vacuum Pump*	01	1	Yes	
13	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	10 sets	10	Yes	
14	Tablet punching machine	01	1	Yes	
15	Capsule filling machine*	01	1	Yes	
16	Ampoule washing machine*	01	1	Yes	
17	Ampoule filling and sealing machine*	01	1	Yes	
18	Tablet disintegration test apparatus IP	01	1	Yes	
19	Tablet dissolution test apparatus IP	01	1	Yes	
20	Monsanto's hardness tester	01	1	Yes	
21	Pfizer type hardness tester	01	1	Yes	
22	Friability test apparatus*	01	1	Yes	
23	Clarity test apparatus	01	1	Yes	
24	Ointment filling machine*	01	1	Yes	
25	Collapsible Tube Crimping Machine*	01	1	Yes	
26	Tablet coating pan*	01	1	Yes	
27	Magnetic stirrer, 500ml and 1 liter capacity*,	10	10	Yes	
	with variable speed control.				
28	Digital pH meter	02	2	Yes	
29	All purpose equipment with all accessories	01	1	Yes	
30	Aseptic Cabinet	01	1	Yes	
31	BOD Incubator	02	2	Yes	
32	Bottle washing Machine	01	1	Yes	
33	Bottle Sealing Machine	01	1	Yes	
34	Bulk Density Apparatus	02	2	Yes	
35	Conical Percolator (glass/ copper/ stainless steel)	10	10	Yes	
36	Capsule Counter	02	2	Yes	
37	Energy meter	02	2	Yes	
38	Hot Plate	02	2	Yes	
39	Humidity Control Oven	01	1	Yes	
40	Liquid Filling Machine	01	1	Yes	
41	Mechanical stirrer with speed regulator	02	2	Yes	
42	Precision Melting point Apparatus	01	1	Yes	
43	Tray Drier	01	1	Yes	
44	Distillation Unit	01	1	Yes	
	•				

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Ostwald's viscometer	15	15	Yes	
2	Stalagmometer	15	15	Yes	
3	Desiccator*	05	05	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	03	03	Yes	
9	Lipstick moulds	10	10	Yes	

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

#### PHARMACEUTICAL BIOTECHNOLOGY

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
		Nos.		Yes / No	Inspectors
1	Orbital shaker incubator	01	01	Yes	
2	Lyophilizer (Desirable)	01	00	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	01	01	Yes	
	(Desirable)				
7	Tissue culture station	01	01	Yes	
8	Laminar airflow unit	01	01	Yes	
9	Diagnostic kits to identify infectious	01	01	Yes	
	agents				
10	Rheometer	01	01	Yes	
11	Viscometer	01	01	Yes	
12	Micropipettes (single and multi	01 each	01 each	Yes	
	channeled)				
13	Sonicator	01	01	Yes	
14	Respinometer	01	01	Yes	
15	BOD Incubator	01	01	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

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.

#### **CENTRAL INSTRUMENTATION ROOM:**

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

<sup>\*</sup> Items marked with asterisk are common for B.Pharm and D. Pharm

#### **Observation of the Inspectors:**

Compliance of the last recommendations by Inspectors			
Specific observations if not complied			
	1.		
	1.		
Signature of Inspectors:	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.