## PHARMACY COUNCIL OF INDIA

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

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

(SIF- A)

To be filled up by P.C.I.

To be filled up by inspectors

Inspection No. : Date of Inspection:

FILE No.: NAME OF THE INSPECTORS: 1. (BLOCK LETTERS) 2.

PART - I

## A - GENERAL INFORMATION

	INFORMATION
A-I.1	
Name of the Institution:	Yashwantrao Bhonsale College of D. Pharmacy, Building No. 04; A/p: Charathe – 416 510,
Complete Postal address:	Tal: Sawantwadi, Dist: Sindhudurg, M. S.
STD code	Tai. Sawantwaui, Dist. Sinundudig, W. S.
Telephone No.	02363 - 272251
relephone No.	02000 - 212231
Fax No.	
	ybdpharmacy@gmail.com
E-mail	
Year of Starting of the course	2017-2018
Status of the course conducting body:	
Government / University / Autonomous / Aided /	Private
Private (Enclose copy of Registration documents of	(Copy of Registration Certificate of Trust is Attached
Society/Trust)	ANNEXURE-I)
A-I.2	Shri. Yashwantrao Bhonsale Education Society,
Name, address of the Society/Trust/ Management (attach	Reg. No. f/1920/Sindhudurg Dt: 23/04/2002
documentary evidence)	(Memorandum of trust is attached ANNEXURE-II)
OTD O-day	(Wellioralidalii of trust is attached ANNEXONE-II)
STD Code:	02363
Telephone No: Fax No:	273535
Fax No.   E-mail	
Web Site:	sybessawantwadi@gmail.com
	www.sybes.org
A-1.3	
Name, Designation and Address of person to be contacted	Mr. Tushar G. Rukari
by phone	I/C Principal
STD Code	02363
Telephone No Office	272251
Ciffice Residence	
Mobile No.	+91-9209298123
Fax No	1.01-0200200120
E-Mail	ybdpharmacy@gmail.com
A – I. 4	Mr. Tushar G. Rukari
Name and Address of the Head of the Institution	I/C Principal
	Yashwantrao Bhonsale College of D. Pharmacy,
	Building No. 04; A/p: Charathe – 416 510, Tal: Sawantwadi,
	Dist: Sindhudurg, M. S.
A – I. 4 a) Whether the Jan Aushadhi Medical Store has	No
been opened by your institution	INO

#### 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/ D.D. Number	Dated	Remarks of the Inspectors
D. Pharm	2017-2018	069427	19/08/2016	

₹ 50,000/- Affiliation fees paid for academic year 2017-2018 in the form of D.D. of Bank of India, number 069427 dated 19/282016, where surprise inspection is held by PCI Inspectors DR. H. S. Chandel and Dr. Amita Argal on 17<sup>th</sup> and 18<sup>th</sup> of March 2017 for first time approval to conduct the course of Diploma in Pharmacy.

# Enclosed (ANNEXURE-III) b. APPROVAL STATUS:

Name of the Course	Approved up to	In take Approved and Admitted	PCI	STATE GOVERNMENT	Remarks of the Inspectors
D. Pharm	NA	Approval Letter No and Date	Ref. No.17- 1264/2016- PCI/35207-11 Dated: 20 <sup>th</sup> July 2017	GR No: Approval- 2017/(111/17)/TE-5 Dated: 20 <sup>th</sup> June 2017	
		Approved Intake	50	50	
		Actually Admitted	50	50	

# Enclosed (ANNEXURE-IV) c. STATUS OF APPLICATION

COURSES INSPECTED FOR					
			Re	marks	
Course	Extension of Approval	I Increase in Intake of Seats	Current Intake	Proposed increase in	
			Current intake	Intake	
D. Pharm	Yes	NA	50	NA	

NA- Not applicable

Note: Enclose relevant documents

Α	-	6

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same Building / campus? If Yes, Give Details

A – I. 6 a	Yes	No √
		Status of the Pharmacy Course:
Independent Building		$\sqrt{}$
Wing of another college		
Separate Campus		
Multi Institutional Campus		$\sqrt{}$

Examining Authority : The Secretary,

With complete postal Maharashtra State Board of Technical Education, Address, Telephone No. Government Polytechnic Building, III Floor,

and STD Code. 49, Kherwadi, Ali Yawar Jung Marg, Bandra (E) 400051

022-26478581

Enclosed (ANNEXURE-V)

## **B - DETAILS OF THE INSTITUTION**

B –I .1 Name of the Princip	oal		Mr. Tushar G. Rukari		
Ouglification/	Qual	ification*	Teaching Experience Required	Actual experience	Remarks of the Inspectors
Qualification/ Experience	M. Pharm	Pharmaceutics	05 Years	0	
	PhD (Desirable)	Nil	02 Years	- 8 years	

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

Detailed Bio data of the Principal is Provided- ANNEXURE-VI

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 <sup>th</sup> and 18 <sup>th</sup> March 2017	1. Books (98) to be purchased 2. Periodicals (03) to be purchased	Complied	NA

## ANNEXURE-VII

B -I .3

Pay Scales:

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

B-I.4

### D. Pharm Course: Admission Statement for the Past Three Years

ACADEMIC YEAR	Year 2015-2016	Year 2016-2017	Year 2017-2018
Sanctioned	NA	NA	50
No. of Admissions	NA	NA	50
Unfilled Seats	NA	NA	00
No. of Excess Admissions	NA	NA	00

B –I .5

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

ACADEMIC YEAR	Year 2015-2016 (%)	Year 2016-2017(%)	Year 2017-2018 (%)
D. Pharm	NA	NA	NA

B-II

Co – Curricular Activities / Sports Activities

Whether college has NSS Unit (Yes/No)?	No
If no give reasons	NO
NSS Programme Officer's Name	NA
Programme conducted (mention details)	NA
Whether students participating in University level cultural activities	Yes
/ Co- curricular/sports activities	163
Physical Instructor	Available
Sports Ground	Shared

## C - FINANCIAL STATUS OF THE INSTITUTION

## AUDITED FINANCIAL STATEMENT OF INSTITUTE SHOULD BE FURNISHED

(Copy of audited statements last year is enclosed ANNEXURE-VIII)

- C .1 Resources and funding agencies (give complete list)
- C .2 please provide following Information

Receipts					Expenditure	)	Remarks of
SI. No.	Particulars	Amount	SI. No.		Particulars	Amount	the Inspectors
1.	Grants a. Government b. Others		CAPIT	AL E	KPENDITURE		
2.	Tuition Fee	₹ 45,000	1.	Build	ding	₹ 2,00,00,000	
3.	Library Fee		2.		pment iture	₹ 15,00,000	
4.	Sports Fee		3.	Othe	ers – Books	₹ 5,00,000	
5.	Union Fee		REVENUE EXPENDIUTRE				
6.	Others Fees		1	Sala	ry	₹ 20,00,000	
7.	Other income (Miscellaneous)		2.		NTENANCE ENDITURE		
7.	(IVIISCEIIAITEOUS)			i	College		
				ii	Others		
			3.	Univ (If ar	rersity Fee ny)		
			4.		x Bodies Fee		
			5.		ernment Fee		
			6.	Colle Banl	osit held by the ege k of India cial Deposit	7,50,000 (B.O.I.) 15,00,000 (AICTE)	
			7.	Othe	ers		
	Total	₹ 45,000	8.	Misc	:.Expenditure		
	i Otai	\ 40,000		T	otal	₹2,62,50,000	

Note: Enclose relevant documents

(Copy of trust and college audited statement of last year & copies of FD enclosed ANNEXURE-VIII)

## PART- II PHYSICAL INFRASTRUCTURE

1. a. Building : **Own** 

b. Land

i. Leased or own : Own

Sale / Agreement deed (records to be enclosed) : Enclosed (ANNEXURE -IX)

c. Building : Leased NA Rented NA

i. Leased or rented (Record to be enclosed : NA

ii. If own

(Approved building plan & sale deed to be enclosed) : Enclosed (ANNEXURE - -IX)

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

1994.03

Sq.mt.

Amenities and Circulation Area

723

Sq.mt

Enclosed (ANNEXURE-IX)

### 2. Class rooms:

### Total Number of Class rooms provided at the end of 1 Year Course

Class	Required Nos	Available Nos	Required Area * for each class room	Available Area in Sq.mts	Remarks of the Inspectors
D. Pharm	02	02	90 Sq. mts each (Desirable)	90	

(\*To accommodate 60 students).

3. Laboratory requirement

SI. No.	Infrastructure for	Requirement as per Norms	Available No.	Area in Sq mts	Remarks/ Deficiency
1	Laboratory Area for D. Pharm Course	50 Sq .mts x n (n=05)	05	75	
2	Pharmaceutics	01 Laboratories	01	75 each	
	Pharmaceutical Chemistry	01 Laboratories	01		
	Pharmacology	01 Laboratories	01		
	Pharmacognosy	01 Laboratories	01		
	Pharmacy practice	01 Laboratories	01		
	Total no. Laboratories for <b>D. Pharm</b>	05 Laboratories	01		
	course	01 (10 Sq. mt.)			
	*Animal house				
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)	01	10	
4	Area of the Machine Room	100 Sq.mts	01	110	
5	Aseptic room	25 sq. mts	01	25	
6	Store Room – I	1 (Area 20 Sq mts)	01	30	
7	Store Room - II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01	30	

<sup>\*</sup>Not required if computer simulated software available

## 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:

CINO	Name of infrastructure	Requirement	Requirement as	Av	/ailable	Remarks/
SI.No.	Name of infrastructure	as per Norms in number	per Norms, in area	No.	Area in Sq .mts	Deficiency
1	Principal's Chamber	01	20 Sq .mts	01	20	
2	Office – I including confidential room	01	40 Sq. mts	01	40	
3	Staff / faculty rooms for D. Pharm course	01	30 sq. mts	01	30	
4	Library with computer and reprographic facilities	01	100 sq. mts	01	100	
5	Museum	01	30 sq. mt (May be attached to Pharmacognosy lab)	01	30	
6	Auditorium / multipurpose hall (Desirable)	01	250 – 300 Seating capacity	01	250 – 300 Seating capacity	
7	Herbal garden (Desirable)	01	Adequate no. of medicinal plants	01	Adequate no. of medicinal plants	

## 5. Student Facilities:

SI.		Requirement as per	Requirement as per	Ava	ailable	Remark/
No.	Name of infrastructure	Norms in number	Norms, in area	No.	Area in Sq .mts	Deficiency
1	Girl's Common Room (Essential)	01	40 Sq. mts	01	50	
2	Boy's Common Room (Essential)	01	40 Sq. mts	01	50	
3	Toilet Blocks for Boys	01	25 Sq. mts	01	28	
4	Toilet Blocks for Girls	01	25 Sq. mts	01	28	
5	Canteen (Desirable)	01	100 sq. mt.	01	100	
6	Drinking water facility Water cooler (essential)	01		01	01	
6	Boy's Hostel (Desirable)	01	9 Sq .mts / Room Single occupancy	01	9	
7	Girl's Hostel (Desirable)	01	9 Sq .mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	01	9	
8	Power Backup Provision (Desirable)	01	Yes	01	NA	

6. Computer and other Facilities:

N	B. in I	A	Availal	Remarks of	
Name	Required	Available	No.	Area in Sq. mts	the Inspectors
Computer (Latest configuration)	01 system for every 10 students	10	10		
Printers	1 printer for every 10 Computers	01	01		
Xerox machine	01	01	01		
Multi Media Projector	02	01	01		

7. Amenities (Desirable)

	Requirement as per	А	vailable	Not	Remarks/
Name	Norms in area	No.	Area Sq. mts	Availabl e	Deficiency
Principal quarters	80 Sq. mts	Nil		NA	
Staff quarters	6 x 80 Sq. mts	Nil		NA	
Parking Area for staff and students		01	Available		
Bank Extension Counter		01	in campus		
Co operative Stores		01	in campus	NA	
Guest House	80 Sq. mts	Nil	Govt Guest H Available	NA	
Transport Facilities for students		Yes	Available		
Medical Facility (First Aid)		Yes	Available		

NA=Not Applicable

## 8. A. Library books and periodicals

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

SI.		Titles		Av	ailable	Remarks of
No.	Item	(No)	Minimum Volumes (No)	Title	Numbers	the Inspectors
1	Number of books	75	750 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	121	797	
2	Annual addition of books		75 books per year			
3	Periodicals Hard copies / online		06 National Journals Indian Journal of Pharmaceutical Sciences Indian Journal of Pharmaceutical Education and Research Journal of Hospital Pharmacy Indian Journal of Pharmacology CIMS, MIMS Indian Journal of Experimental Biology.		06	
4						

8. B. Subject wise classification

S. N.	Subject	Ava	Available		
		Title	Numbers	•	
1	Pharmaceutics – I	13	80		
2	Pharmaceutical Chemistry - I	10	65		
3	Pharmacognosy	11	90		
4	Biochemistry and clinical pathology	12	77		
5	Human anatomy and physiology	11	80		
6	Health education and community pharmacy	9	50		
7	Pharmaceutics – II	10	64		
8	Pharmaceutical Chemistry - II	18	115		
9	Pharmacology and toxicology	12	68		
10	Pharmaceutical Jurisprudence	4	40		
11	Drug store and business management	6	29		
12	Hospital and clinical pharmacy	5	40		

## Enclosed (ANNEXURE-X)

## 8. C. Library Staff:

S. N.	Staff	Qualification	Required	Available	Remarks of the Inspectors
1	Librarian	D. Lib	01	01	
2	Library Attenders	10 +2 / PUC	01	00	

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

# PART III ACADEMIC REQUIREMENTS

### **COURSE CURRICULUM:**

1. Student Staff Ratio:

Theory Practicals

Remarks of the Inspectors

(Required ratio --- Theory  $\rightarrow$  60:1 and Practicals  $\rightarrow$  20:1)

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

Class	Theory	Practical	Remarks of the Inspector
D. Pharm	50:01	17:01	

2. Date of Commencement of session / sessions:

Commencement	Completion
DD/MM/YY	DD/MM/YY
16/08/2017	24/03/2018

No of Days: 39 Days No of Days: 07 Days

3. Vacation:	Summer:		Winter:	V
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4. Total No. of working days: 180

5. Time Table:

Time Table for D. Pharm course Enclosed <b>–ANNEXURE- XI</b> Yes √ No	
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6. Whether the prescribed numbers of classes are being conducted as per PCI norms

	The	eory		Practicals					
Class / subject	Prescribed No. of Hrs.	No. of Hrs. conducted	Prescribed No. of Hrs.	No. of Hrs. conducted	Prescribed No. of Classes	No. of Classes conducted	Remarks of the Inspector		
I D. Pharm									
Pharmaceutics – I	75	NA	100	NA	25	NA			
Pharmaceutical Chemistry - I	75	NA	75	NA	25	NA			
Pharmacognosy	75	NA	75	NA	25	NA			
Biochemistry and clinical pathology	50	NA	75	NA	25	NA			
Human anatomy and physiology	75	NA	50	NA	25	NA			
Health education and community pharmacy	50	NA	NA	NA		NA			
			II D. Pharm						
Pharmaceutics – II	75	NA	NA	NA	25	NA			
Pharmaceutical Chemistry - II	100	NA	NA	NA	25	NA			
Pharmacology and toxicology	75	NA	NA	NA	25	NA			
Pharmaceutical Jurisprudence	50	NA	NA	NA		NA			
Drug store and business management	75	NA	NA	NA		NA			
Hospital and clinical pharmacy	75	NA	50	NA	25	NA			

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

Yes	$\sqrt{}$	

## 8. Whether Evaluation of the internal assessments is Fair

Yes	 No	

Class	No. of candi scored more th		No. of cand scored more - 80 °	than 60	No. of cand scored more - 60 °	than 50	No. of candidates scored less than 50 %		Remarks of the Inspector
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I D. Pharm	NA	NA	NA	NA	NA	NA	NA	NA	
II D. Pharm	NA	NA	NA	NA	NA	NA	NA	NA	

# 2. Work load of Faculty members for D. Pharm

SI. No Name of the Faculty		D. Pharm		Total	Specific			
		Subjects taught		I D. Pharm		I II D. Pharm D. Pharm		l narm
	-		Th	Pr	Th	Pr	load	Inspector
4	Mr. Rukari Tushar G.	Pharmaceutics- I	3		NA	NA	7	
1	IVII. RUKAII TUSIIAI G.	Pharmaceutics- I (PR Batch- A)		4	NA	NA	] '	
2	Ms. Patle Priti C.	Human Anatomy & Physiology	3	6	NA	NA 20		
2	IVIS. Falle FIIII C.	Biochemistry and Clinical Pathology	2	9	NA	NA	20	
2	Ms. Mahajan Sneha S.	Pharmacognosy	3	9	NA	NA	14	
3	IVIS. IVIAITAJATI STIETIA S.	Health Education and Community Pharmacy	2	1	NA	NA	14	
4	Mc Phocala Namita C	Pharmaceutical Chemistry- I	3	9	NA	NA	20	
4	Ms. Bhosale Namita S.	Pharmaceutics-I		8	NA	NA	20	

## PART IV - PERSONNEL

## **TEACHING STAFF:**

1. Details of Teaching Faculty for D. Pharm Course to be enclosed in the format mentioned below: (ANNEXURE- VIII)

Sr. No.	Name	Designation	Qualificat ion	Date of Joining	Teac Exper After UG	hing ience After PG	State Pharmacy Council Reg No.	Signature of the faculty	Remarks of the Inspecto rs	
	(ANNEXURE- XII)									

#### 2. Qualification and number of Staff Members:

Qualification							
B. Pharm M. Pharm Ph D Others - Full Tin							
02	02	Nil	Nil				

## 3. Details of faculty Retention for:

Name of faculty member	Period	Percentage
NIL	Duration of 15 years and above	NA
NIL	Duration of 10 years and above	NA
NIL	Duration of 5 years and above	NA
NIL	Less than 5 years	NA

## 4. Details of faculty turnover:

Name of faculty member	Period	More than 50 %	50 %	25 %	Less than 25 %
NA	% of faculty retained in last 3 years	NA	NA	NA	NA

5. Number of Non-teaching staff available for D. Pharm course for intake of 60 Students:

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

**Enclosed (Annexure-XII)** 

7. Scale of	pay f	or teach	ing faculty (to be	e enclosed):	1	<b>.</b>	1	1					ī	T	ı	1	
	SI. No	Name	Qualification	Designation	Basic pay	DA Rs.	HRA Rs.	CCA Rs.	Other allowanc	e D	eductio	ons	Bank A/C	PAN No	EPF A/c no.	Total	Signature
					Rs.		1101	1.0.	Rs.	PΤ	TDS	EPF	No	110			
	(ANNEXURE- XII)																
			Research / Higherify documents pe	•		to the fa	aculty?		√Yes								
		•	pers are allowed rify documents pe		•	nd semi	nars?		√Yes								
10. Scope	for th	e promo	tion for faculty:	Promotions		Yes		\	1	No							
11. Gratuit	y Pro	vided				Yes				No	V						
12. Details	of No	on-teachi	ng staff membe	rs (list to be end	closed):												
	SI		Name	Designa	ition	Qualific	ation	Date		Experien	се	Sig	nature		_	rks of the	•

Joining

(ANNEXURE- XII)

Inspectors

13. Whether Supporting Staff (Technical and Administrative) are encouraged for skill up gradation programs. Yes

No

# PART V - DOCUMENTATION

## **Records Maintained: Essential**

SI. 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	NA	NA	

## PART - VI

1. Financial Resource allocation and utilization for the past three years:

(Audited Accounts for previous year to be enclosed) (Enclose purchase invoice- Please see ANNEXURE-XIII)

SI	Expenditure in ₹ 2015-2016				Expenditure in ₹ 2016-2017	:	E	Expenditure in ₹ 2017-2018		Remarks of the Inspectors*
No	Total budget sanctioned	Recurring	Non Returning	Total budget sanctioned	Recurring	Non Returning	Total budget sanctioned	Recurring	Non Returning	•
1	NA	NA	NA	NA	NA	NA	40,00,000	3,00,000	37,00,000	

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

(Enclose purchase invoice- Please see ANNEXURE-XIII)

SI	Expenditure in ₹ 2015-2016				Expenditure in ₹ 2016-2017		E	Expenditure in ₹ 2017-2018		Remarks of the Inspectors*
No.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Recurring
1	NA	NA	NA	NA	NA	NA	5,00,000	2,12,438	1,00,000	

3. Total amount spent on equipment's for the past three years: (Enclose purchase invoice- Please see ANNEXURE-XIII)

SI No	Expenditure in ₹ 2015-2016				Expenditure in ₹ 2016-2017		E	Expenditure in ₹ 2017-2018		Remarks of the Inspectors*
NO	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Recurring
1	NA	NA	NA	NA	NA	NA	10,00,000	2,70,000	1,00,000	

# 4. Total amount spent on Books and Journals for the past three years: (Enclose purchase invoice- Please see ANNEXURE-XIII)

SI No.	Expenditure in ₹ 2015-2016			E	xpenditure in ₹ 2016-2017	,	E	xpenditure in ₹ 2017-2018		Remarks of the Inspectors*
NO.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1	Books	NA	NA	NA	NA	NA	3,00,000	3,00,000	1,04,350	
2	Journals	NA	NA	NA	NA	NA	50,000	50,000	11,126	

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

Signature of the Head of the Institution

# PART VII - EQUIPMENT AND APPARATUS

Department wise list of minimum equipments required for D. Pharm

## **DEPARTMENT OF PHARMACEUTICS**

**Equipment:** 

SI. No.	Name	Minimum	Available	Working	Remarks of the Inspectors
01. 110.		Required Nos.	Nos.	Yes / No	remarks of the mopestors
1	Continuous Hot Extraction Equipment	05	01	YES	
2	Conical Percolator	05	02	YES	
3	Tincture Press	01	Nil	NA	
4	Hand Grinding Mill	01	Nil	NA	
5	Disintegrator	01	Nil	NA	
6	Ball Mill	01	Nil	NA	
7	Hand operator Tablet machine	01	Nil	NA	
8	Tablet Coating Pan unit with hot air blower laboratory size	01	Nil	NA	
9	Polishing pan laboratory size	01	Nil	NA	
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	Nil	NA	
14	Granulating sieve set	10	Nil	NA	
15	Tablet counter- small size	05	Nil	NA	
16	Friability tester	01	Nil	NA	
17	Collapsible tube- Filling and sealing equipment	01	Nil	NA	
18	Capsule filling machine- Lab size	01	Nil	NA	
19	Digital Balance	01	01	YES	
20	Distillation unit for distilled water	02	01	YES	
21	Deionization Unit	01	Nil	NA	
22	Glass distillation unit for water for injection	01	Nil	NA	
23	Ampoule washing machine	01	01	YES	
24	Ampoule Sealing machine	01	01	YES	
25	Sintered glass filter for bacterial proof filtration (four different grades)	Adequate	Nil	NA	

26	Millipore filter (3 grades)	Adequate	Nil	NA	
27	Autoclave	01	01	YES	
28	Hot air sterilizer	01	01	YES	
29	Incubator	01	Nil	NA	
30	Aseptic cabinet	01	01	YES	
31	Ampoule clarity test equipment	01	01	YES	
32	Blender	01	Nil	NA	
33	Sieves set (Pharmacopoeial standard)	02	02	YES	
34	Lab Centrifuge	01	01	YES	
35	Ointment slab	Adequate	Nil	NA	
36	Ointment spatula	Adequate	Nil	NA	
37	Pestle and mortar porcelain	Adequate	Nil	NA	
38	Pestle and mortar glass	Adequate	Nil	NA	
39	Suppository moulds of three sizes	Adequate	Nil	NA	
40	Refrigerator	01	Nil	NA	

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

# DEPARTMENT OF PHARMACEUTICAL CHEMISTRY Equipment:

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

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

# PHYSIOLOGY & PHARMACOLOGY LABORATORY Equipment:

SI. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Haemoglobinometer	20	12	Yes	
2	Haemocytometer	10	12	Yes	
3	Student's organ bath	01	Nil	NA	
4	Sherington's rotation drum	01	01	Yes	
5	Frog board	Adequate	Nil	NA	
6	Tray (dissecting)	Adequate	01	NA	
7	Frontal writing lever	Adequate	Nil	NA	
8	Aeration tube	Adequate	Nil	NA	
9	Telethermometer	01	Nil	NA	
10	Pole climbing apparatus	01	Nil	NA	
11	Histamine chamber	01	Nil	NA	
12	Simple lever	Adequate	Nil	NA	
13	Staring heart lever	Adequate	Nil	NA	
14	Aerator	Adequate	Nil	NA	
15	Histological slides	Adequate	Nil	NA	
16	Sphygmomanometer (B.P apparatus)	05	03	YES	
17	Stethoscope	05	03	YES	
18	First aid equipment	Adequate	01	YES	
19	Contraceptive device	Adequate	Nil	NA	
20	Dissecting (surgical) instruments	Adequate	Nil	NA	
21	Balance for weighing small Animals	01	Nil	NA	
22	Kymograph paper	Adequate	Nil	NA	
23	Actophotometer	01	Nil	NA	
24	Analgesiometer	01	Nil	NA	
25	Thermometer	Adequate	Nil	NA	
26	Plastic animal cage	Adequate	Nil	NA	
27	Double unit organ bath with thermostat	01	Nil	NA	
28	Refrigerator	01	Nil	NA	

29	Single pan balance	01	Nil	NA	
30	Charts	Adequate	Adequate	YES	
31	Human Skeleton	01	01	YES	
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	01 Set	01 Set	Yes	
33	Electro-convulsiometer	01	Nil	NA	
34	Stop watch	Adequate	05	YES	
35	Clamp, boss heads, screw clips	Adequate	Nil	NA	
36	Syme's cannula	Adequate	Nil	NA	

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

# PHARMACOGNOSY LABORATORY Equipment:

SI. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
4	D : 0 10	Required Nos.			
1	Projection Microscope	01	Nil	NA	
2	Chart (different type)	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:

SI. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	02	01	YES	
2	Microscope	Adequate	05	YES	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	Adequate	Adequate	YES	

4	Watch glass	Adequate	Nil	NA	
5	Centrifuge	01	Nil	NA	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood	Adequate	Nil	NA	
7	Filtration equipment	02	Nil	NA	
8	Filling Machine	01	Nil	NA	
9	Sealing Machine	01	Nil	NA	
10	Autoclave sterilizer	01	01	YES	
11	Membrane filter	01 Unit	Nil	NA	
12	Sintered glass funnel with complete filtering assemble	Adequate	Nil	NA	
13	Small disposable membrane filter for IV admixture filtration	Adequate	Nil	NA	
14	Laminar air flow bench	01	Nil	NA	
15	Vacuum pump	01	Nil	NA	
16	Oven	01	Nil	NA	
17	Surgical dressing	Adequate	Nil	NA	
18	Incubator	01	Nil	NA	
19	PH meter	01	01	YES	
20	Disintegration test apparatus	01	Nil	NA	
21	Hardness tester	01	Nil	NA	
22	Centrifuge	01	Nil	NA	
23	Magnetic stirrer	01	Nil	NA	
24	Thermostatic bath	01	Nil	NA	

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

## **Observation of the Inspectors:**

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