### PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting B. Pharm. for 100 admissions. (To be filled and submitted to PCI by an organization seeking approval of the course / continuation of the approval)

(SIF-B-1)

To be filled up by P.C.I To be filled up by inspectors

Inspection No. : Date of Inspection:

FILE No. NAME OF THE INSPECTORS: 1.

(IN BLOCK LETTERS)

2.

PART-1

**A-GENERAL INFORMATION** 

A - I.1

Name of the Institution J.K. College of Pharmacy, Bilaspur

Complete Postal address: Near Gatora Railway Station, Bilaspur (C.G)-495009

 Telephone Number with STD Code
 07752-212335

 Fax No
 07752407159

**Email** jkcp\_bilaspur@yahoo.co.in

Year of Establishment 2009
Status of the course conducting body Private
(Enclose copy of Registration documents of Society/Trust)

A - I.2

Name of the Society/Trust/Management JK Education and Welfare Society

(attach documentary evidence)

Address NEAR AANAND CHILDREN HOME, TORWA

CHOWK, BILASPUR (CG)

Telephone Number with STD Code 07752 407035

Fax No 07752407159

Email jkie@rediffmail.com

Website www.jkedugroup.com

A - I.3

Name of the Person to be contacted by phone Dr Irshad Ahmed Khan

**Designation** Secretary

Address J.K. Education and Welfare Society ,NEAR ANAND

CHILDREN HOSPITAL, TORWA CHOWK, Bilaspur (CG)

**STD Code** 07752

**Telephone Number** 

Office 07752409979

Residence 407035

Mobile 9893808080 Fax No 07752407159

Email jkie@rediffmail.com

A - I.4

Name of the Head of the Institution Dr. Durga Prasad Panda

Address

Director cum Principal, J.K. College of Pharmacy, near Gatora railway station, Bilaspur (C.G.)-495009 phone-07752-212335, mobile 09437772555,09406157737

#### A - I.5

# FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

#### a. DETAILS OF AFFLIATION FEE PAID

Name of the Course	Affiliation Fee Paid Up to	Receipt No.	Dated	Remarks of the Inspectors
B Pharm.	2016-17	D.D. NO.889426	29/08/2016	

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

Name of the Course	Up to	Intake Approved and Admitted	PCI	State Govt.		Remarks of the Inspectors
B. Pharm.	2018-19	Approved Letter No & Date	PCI(Pt)/54806-		CSVTU/AFFIL/2016- 17/2016/ Dated: 14/05/2016	
b. Filariii.		Approved Intake	60	60	60	
		Actually Admitted	60	60	60	

#### c. STATUS OF APPLICATION

COURSES INSPECTED FOR							
Course Extension of Approval Increase in Intake of Seats Current Intake in Intake							
B. Pharm.	Yes	Yes	60	100			

Note: Enclose relevant documents

#### A - I.6

Whether other educational institutions/courses are also being run by the trust/institution in the same building/campus? 
If yes, give status NO

#### A - I.6 a

Status of the Pharmacy Course:				
Independent Building	Yes			
Wing of Another College	No			
Separate Campus	Yes			
Multi Institutional Campus	No			

Examining Authority: Degree Course

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

The Registrar Chhattisgarh Swami Vivekanand Technical University, North Park Avenue, Sector-8, Bhilai-490 009.

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

B - I.1 Name of the Principal

Dr Durga Prasad Panda

	Qualification		Teaching Experience Required	Actual experience	Remarks of the Inspectors
Qualification / Experience	M. Pharm.	Yes	15 years, out of which 5 years as Prof. / HOD	29	
	Ph. D.	Yes	10 years, out of which at 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	Previous Inspection	Complied/Not Complied	Intake reduced/Stopped in the last 03 years*
	21/03/2016	APPLIED FOR INCREASE IN INTAKE FROM 60 TO	Yes	NO
		100 ACCORDINGLY		
B. Pharm.		ADEQUATE FACULTIES		
		03 NUMBERS		
		APPOINTED OR		
		PROVIDED		

<sup>\*</sup> Enclose Documents

### B - I.3

Status of Governing Council	Private
Details of the Governing Body	Enclosed
Minutes of the last Governing council Meeting	Enclosed

### B - I.4

### **Pay Scales**

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

B - I.5 B Pharm Course: Admission statement for the past three year

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
Sanctioned	60	60	60
No. of Admissions	60	60	60
Unfilled Seats	-00-	0	0
No of Excess Admission	00	0	0

B - I.6

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

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017	2015-2016
1st Year	55	-69-		
2nd Year		75		
3rd Year	50			
Final Year	92	83		100
Pass % (Final Year)	92	83		100

# B - II Co-Curricular Activities / Sports Activities

Whether college has NSS Unit	Yes
If no give reasons	N.A.
NSS Program Officer's Name	Mr. Mohd Akhtar Rasool
Programme Conducted Details	Blood Donation Camp, Health awareness Programme, Plantation, Programme on cleanliness, Pharmacy week celebration, etc.
Whether students participating in University level cultural activities/Co-curricular/Sports activities	Yes
Physical Instructor	Available
Sports Ground	Individual
Are you Associated with other Organization/Institution/ Trust/Society Running Pharmacy Course	NO
Organization/Institution/Trust/Society Name	
Complete Postal Address.	
Telephone No.	
Nature of Association	

### **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

Recei	eipts			nditure	Remarks of the		
SI. No.	Particulars	Amount	SI. No.	Particulars	Amount	Inspector	
1.	Grants			CAPITA	AL EXPENDITUR	RE	
	a. Government	0.00					
	b. Others	0.00					
2.	Tuition Fee	5425200.00	1.	Building	358000.00		
3.	Library Fee	0.00	2.	Equipment	799384.00		
4.	Sports Fee	0.00	3.	Others	233062.00		
5.	Union Fee	0.00	REVENUE EXPENDITURE				
6.	Others	473175.00	1.	Salary	3895200.00		
			2.	Maintenance Expendit	ure	-	
				i. College	392879.00		
				ii. Others	0.00		
			3.	University Fee	54850.00		
			4.	Apex Bodies Fee	0.00		
			5.	Government Fee	165000.00		
			6.	Deposit held by the College	0.00		
			7.	Others	0.00		
			8.	Misc. Expenditure	1390446.00		
	Total	5898375.00		Total	5898375.00		

Note: Enclose relevant documents

#### PART- II PHYSICAL INFRASTRUCTURE

1. a. Availability of Land (B. Pharm. courses)

Available

- a) 2.5 Acers District HQ/Corporation/Municipality limit
- b) 0.5 acre for City/Metros

b. Building Own

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

Enclosed

- i. Own Records to be enclosed
- ii. Sale deed
- d. Building

i) Approved Building plan, sale deed to be enclosed

**Enclosed** 

e. Total Built Area of the college building in sq. meters

Built up Area 3995

Amenities and Circulation Area 1490

#### 2. Class Rooms

	Total Number of Class rooms provided at the end of 4 Year Course								
Class	Required	equired Available Required Area * for each class room		Available Area in Sq. miters	Remarks of the Inspectors				
B.	06	06	90 sq. meters each	90					
Pharm.			(Desirable)						
			75 sq. meters each						
			(Essential)						

<sup>[\*</sup> To accommodate 100 students]

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

SI. No.	Infrastructure for	Requirement As Per Norms	Available No.	Area in Sq. mtr.	Remarks or Deficiency
1		90 Sq .mtr. x n (n=10) - Including Preparation room - Desirable 75 Sq. mtr Essential	10	90	
2	Pharmaceutics	03 Laboratories	3	90	
3	Pharmaceutical Chemistry	02 Laboratories	2	90	
4	Pharmaceutical Analysis	01 Laboratory	1	90	
5	Pharmacology	02 Laboratories	2	90	
6	Pharmacognosy	01 Laboratories	1	90	
7	Pharmaceutical Biotechnology	01 Laboratory	1	90	
8	Preparation Room for each lab	10 sq mtr. (minimum)	6	18	
9	Area of the Machine Room	80-100 Sq.mts	1	92	
10	Central Instrumentation Room	80 Sq.mts with A/ C	1	90	
11	Store Room I	1 (Area 100 Sq mtr.)	1	100	
12	Store Room II	1 (Area 20 Sq mtr.)	1	37	

#### The Institutes will not be permitted to run the courses in the 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 whenever 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 skins Drainage should be efficient.
- 5. Balance room should be attached to the concerned laboratories.

#### 4. Administration Area

CI	Name of	Requirements	Requirements	Available		
	Infrastructure	as per Norms (in Number)	as per Norms (in Area)	No.	Area in Sq.mts	Remarks/Deficiency
	Principal's Chamber	01	30 Sq. mts	1	40	
	Office - I - Establishment	01	60 Sq. mts	1	61	
	Office - II - Academics			1	90	
	Confidential Room			1	60	

#### 5. Staff Facilities

SI	Name of	Requirements	Requirements	Avai	lable	
	Infrastructure	as per Norms (in Number)	as per Norms (in Area)	No.	Area in Sq.mts	Remarks/Deficiency
	HODs for B. Pharm. course	Minimum 4	20 Sq. mts x 4	4	80	
	Faculty Rooms for B. Pharm. course		10 Sq. mts x n (n=No. of teachers)	1	89	

### 6. Museum, Library, Animal house and other Facilities

CI	N	Requirements	Requirements	Available		
	Name of Infrastructure	as per Norms (in Number)	as per Norms (in Area)	No.	Area in Sq.mts	Remarks/Deficiency
1	Animal House	01	80 Sq. mts	1	80	
2	Library	01	150 Sq. mts	1	200	
3	Museum	01	50 Sq. mts (Maybe attached to the Pharmacognosy lab)	1	50	
	Auditorium/ Multi Purpose Hall (Desirable)	01	250 - 300 seating capacity	1	285	
5	Seminar Hall	01		1	38	
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	100	

### 7. Student Facilities

SI.	Na	Requirements	Requirements	Avai	lable	
No.	Name of Infrastructure	as per Norms (in Number)	as per Norms (in Area)	No.	Area in Sq.mts	Remarks/Deficiency
1	Girl's Common Room (Essential)	01	60 Sq. mts	1	60	
	Boy's Common Room (Essential)	01	60 Sq. mts	1	60	
3	Toilet Blocks for Girls	01	24 Sq. mts	1	24	
1	Toilet Blocks for Boys	01	24 Sq. mts	1	24	
	Drinking Water facility - Water cooler (Essential)	01		1	20	
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	1	1100	
7	Gils's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20 Sq.mts/Room (Triple occupancy)	1	335	
	Power Backup Provision (Desirable)	01		1	20	

### 8. Computer and other Facilities

		Avai	lable	
Name	Required	No.	Area in Sq.mts	Remarks/Deficiency
Computer Room B. Pharm. Course	01 (Area 75 Sq. mts)	1	92	
Computer (Latest Configuration)	1 system for every 10 students (UG & PG)	30	90	
Printers	1 Printer for every 10 computers	3	3	
Multi Media Projector	01	1	1	
Generator (5KVA)	01	1	20	

# 9. Amenities(Desirable)

	Requirement	Availabl	е	Not	
Name	as per Norms in area	No.	Area in Sq.mts	Available	Remarks/Deficiency
Principal Quarters	80 Sq. Mtr.	1	85		
Staff Quarters	16 x 80 Sq. mts	0		Future plan	
Canteen	100 Sq. mts	1	100		
Parking Area fro staff and students		1	100		
Bank Extension Counter		1	150 BOI JK CAMPUS BRANCH		
Cooperative Stores		0	_	Future plan	
Guest House	80 Sq. mts	0		Future plan	
Transport Facility for students		2	50		
Medical Facilities(First Aid)		1	30		

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.	Item	Titles(No)	Minimum	Avai	lable	Remarks of the
No.	rtem	Titles(No)	Volumes(No)	Title	No.	Inspectors
	Number Of Books	150	2000 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	559	3490	
	Annual Addition of Books		150 to 2000 books per year	30	150	
3	Periodicals Hard Copies/Online		10 National 05 International periodicals	18	18	
4	CDS		Adequate Nos.	5	5	
5	Internet Browsing Facilities		Yes/No (Minimum ten Computers)	Available		
	Reprographic Facilities: Photocopier Fax Scanner		01 01 01	Available Available Available		
7	Library Automation and Computerized System				Ava	ilable
8	Library timings				09.00 AM	- 04.00 PM

# 10.C.Library Staff

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

### PART III ACADEMIC REQUIREMENTS

#### **Course Curriculum**

#### 1. Student Staff Ratio:

(Required ratio --- Theory -> 60:1 and Practical -> 20:1)If more than 20 students in a batch 2 staff members to be present provided the lab is spacious.

Class	Theory	Particle	Remarks of the Inspectors
B. Pharm.	60:1	20:1	

#### 2. Scheme of B. Pharm. Course:

_			_
50	m	25	tei

3. Date of Commencement of session/ sessions for B. Pharm.:	Commencement	Completion
	01/08/2015	20/04/2016

4. Vacation		No of Days		No of Days
	Summer :	28	Winter:	0

5. Total No. of working days

195

6. Time Table copy Enclosed:

Yes

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

#### B. Pharm. I

	No of Theo	ry Classes		<b>Practical Cl</b>	asses	
Subject 1	No of Hours No of Hours Conducted Hours Condu		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	
Pharmaceutics- II (Hospital and Community Pharmacy	40	42	36	36	36	
Anatomy, Physiology and Health Education- II ( APH	40	41	36	39	39	
Pharmaceutics- III Drug Store and Business Management	40	43	36	36	36	
Pharmaceutical Chemistry-III (Organic	40	43	36	39	39	

Chemistry-2)						
English Communication - I	40	42	36	36	36	
PH CEUTICS -I ITP	40	42	36	39	39	
PH CHEMISTRY-I INORGANIC	40	43	36	36	36	
PH COGNOSY-I	40	42	36	36	36	
APHE-I	40	43	36	39	39	
PH CHEMISTRY- II ORGANIC	40	42	36	36	36	

### B. Pharm. II

	No of Theo	ry Classes		Practical Classes				
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		
Pharmaceutics -IV (Physical Pharmacy- I)	40	43	36	39	39			
Pharmaceutical Analysis-I	40	43	36	39	39			
Computer Application	40	58	36	39	39			
Pharmacognosy- II	40	43	36	39	39			
Mathematics	40	43	00	39	39			
English Communication- II	40	42	00	39	39			
Pharmaceutics -V (Physical Pharmacy -II)	40	43	40	36	36			
Pharmaceutics -VI (Pharmaceutical Engineering- I)	40	43	36	42	42			
Pharmaceutical Chemistry-IV (Organic chemistry-3)	40	42	36	39	39			
Pharmaceutical Biochemistry	40	42	36	39	39			
Pharmaceutical Microbiology	40	42	36	39	39			

### B. Pharm. IV

	No of Theo	ory Classes				
Subject 1	Prescribed No of Hours 2	No of Hours Conducted 3	Prescribed No of Hours 4	No of Hours Conducted 5	fulfill Prescribed	Remarks of the Inspectors
PHARMACEUTICS- X	50	55	0	0	0	

PH CHEM-VIII	50	58	0	0	0	
PH COLOGY-III	50	57	50	54	54	
PH CEUTICS-IX	50	56	50	54	54	
PHCOGNOSY-IV	50	54	50	51	51	
PHARMA CEUTICS XI	40	43	72	72	72	
PHARMACEUTICS XII	40	44	72	75	75	
PHARMA ANALYSIS	40	43	40	42	42	
PHARMACOLOGY	40	43	0	0	0	
PACKAGING TECHNOLOGY	28	30	0	0	0	

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

Yes

# 9. Number of Guests Lecturers/Seminars/Work Shops/Symposia/Presentations conducted during last year

during last year				
Name of the Event	2013-2014   2014-2015		2015-2016	
Guest Lectures	1	1	0	
Seminars	0	1	0	
Workshops	0	0	0	
Symposia	0	0	0	

### B. Papers Presented/Published during last 3 years

	20	13-2014	20	14-2015	2015-2016		
	National Internation		National International		National	International	
Published	1	0	0	0	0	0	
Presented	2 0		0	0 0		0	

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

#### **B. PHARM**

Class	I Session	nal Dates	II Sessio	nal Dates		essional ates	Remarks of the	
	Theory	Practical	Theory	Practical	Theory	<b>Practical</b>	Inspectors	
I B. Pharm.	16/03/2016	16/03/2016	23/05/2016	23/05/2016				
II B. Pharm.	17/03/2016	17/03/2016	12/05/2016	12/05/2016				
III B. Pharm.								
IV B. Pharm.	24/02/2016	24/02/2016	6/4/2016	6/4/2016				

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

	scored r	andidates nore than 0%	score		score		No of Candidates scored less than 50%		
	Theory	<b>Practical</b>	Theory	<b>Practical</b>	Theory	<b>Practical</b>	Theory	<b>Practical</b>	
I B. Pharm.	05	35	35	21	16	00	0.00	0.00	

Signature of the Head of the Institution

Signature of the Inspectors

II B. Pharm.	05	35	41	21	15	04	0.00	0.00	
III B. Pharm.	00	00	00	00	00	00	0.00	0.00	
IV B. Pharm.	13	08	21	35	14	05	0.00	0.00	

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

SI. No.	Name of Faculty	Subjects Taught		B. Pharm.				Total Work Load	Remarks of the Inspectors			
			I		I	I	IJ	Ι	I١	V		
			Th.	Pr	Th.	Pr	Th.	Pr	Th.	Pr		
1	Dr. ABHIJEET DUBEY	PHARMACEUTICS II	4	3	0	0	0	0	0	0	7	
2	Dr. ANUBHA PANDEY	ph biotech	0	0	4	3	4	3	0	0	14	
3	Dr. Durga Prasad Panda	Ph. technology	0	0	0	0	0	0	2	3	5	
4	Dr. HAMID KHAN	elective QAPT ph analysis-III	0	0	0	0	0	0	2 4	0 3	2 7	
5	Dr. KISHOR KUMAR SAHU	PH ANALYSIS II	0	0	0	0	2	3	0	0	5	
6	Dr. Lata Choudhary	APHE II PH ANALYSIS II	0 2	0 3	0	0	2	3 0	0	0	5 5	
7	Dr. LOKESH SAHU	MEDICINAL CHEMISTRY	0	0	0	0	0	0	0	0	0	
8	Dr. MOHD AKHTAR RASOOL	Pharmaceutics	0	0	0	0	2	3	0	0	5	
9	Dr. Peeyush Kumar	pharmaceutics iii DSBM	4	0	0	0	0	0	0	0	4	
10	Dr. PRIYA OJHA	ORGANIC CHEMISTRY II	4	3	0	0	0	0	0	0	7	
11	Dr. RAGHUVIR KUMAR	BIOTECHNOLOGY PH CEUTICS II	0	0 2	0 3	0	2	3 0	0	0	5 5	
12	RAVI PRAKASH RATHORE	ORGANIC CHEMISTRY II	0	3	0	0	0	0	0	0	3	

13	Dr. SHUBHANGI DWIVEDI	PHARMA TECHNOLOGY II	0	0	0	0	0	0	4	3	7	
14	Dr. SWETA CHANDROL	PHARMACOLOGY	0	0	0	3	0	3	0	0	6	
15	MR. LEENA SAHU	MEDICINAL chemistry	0	0	2	3	2	3	0	0	10	
16	Miss. Vijeta Singh	Pharmacology IV	0	0	0	0	0	0	4	0	4	
17	Mr. Harsh Yadav											
18	Mrs. NIHARIKA TIWARI	DRA & PH ANALYSIS	0 2	0 3	0	0 0	0	0 0	4 0	3 0	7 5	
19	MR. DIMAK CHAND SAHU											
20	MR.ABHISHEK KUMAR											
21	MR. SURYAKANT DINKAR											

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

Details	Year: 2013- 2014	Year: 2014- 2015	Year: 2015- 2016
No of Students Appeared	15	0	12
No of Student Qualified	1	0	0
Percentage	6	0	0

# 14. Whether the Institution has an Industry interaction Cell: Available

Events	Details For thr previous Year
No of Industrial Visits	1
Industrial Tour	1
Industrial Training	1
No of resource persons from the Industry for Guest Lectures	0
No. of collaboration projects with Industry	0

#### 15. Percentage of students placed through the college placement cell in the last Three Years

Details	Year: 2013- 2014	Year: 2014- 2015	Year: 2015- 2016
No of Students Appeared for campus interview	20	8	12
% Percentage	75	75	77

<sup>16.</sup> Whether Professional Society Activities are Conducted (Enclose Details) (ISTE, IPA, APTI, ICTA and Related Societies) - YES

### **PART IV - PERSONNEL**

#### **TEACHING STAFF**

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

1 2 Vij 3 A F F F F F F F F F F F F F F F F F F	Peeyush Kumar /ijeta Singh MOHD AKHTAR RASOOL SWETA CHANDROL	Asst. Professor Asst. Professor Asst. Professor	B Pharm, M Pharm, B Pharm, M Pharm,	27/08/2011	40:00			of Inspector
3	MOHD AKHTAR RASOOL SWETA CHANDROL		B Pharm, M Pharm,	1	4.0 + 0.0	21794		
3	AKHTAR RASOOL SWETA HANDROL	Asst. Professor		31/07/2012	3.1 + 0.0	8011		
4 CH 5 A F 6 N 7 L 8 PR 9 DF 10 C	HANDROL		B Pharm, M Pharm,	03/05/2013	2.3 + 3.9	864		
5 F 6 N 7 L 7 S P R 9 DF 10 L 11 S H	ANLIRHA	Asst. Professor	B Pharm, M Pharm,	11/09/2012	3.0 + 0.0	9877		
6	PANDEY	Asst. Professor	B Pharm, M Pharm,	02/01/2013	2.7 + 0.0	8622		
8 PR 9 Di 10 C	NIHARIKA TIWARI	Asst. Professor	B Pharm, M Pharm,	02/08/2013	2.1 + 0.0	7166		
9 DF	LOKESH SAHU	Asst. Professor	B Pharm,	02/01/2013	2.7 + 0.0	9928		
10 E	RIYA OJHA	Asst. Professor	B Pharm, M Pharm,	08/11/2013	1.8 + 0.0	9141		
10	OR. HAMID KHAN	Associate Professor	PHD, B Pharm, M Pharm,	01/01/2014	1.7 + 9.1	33698		
	Dr. Durga Prasad Panda	Principal/Director	B Pharm., M. Pharm., Ph.D., F.I.C., LL.M.,	17/12/2013	1.7 + 26.6	3452		
''   C	HUBHANGI DWIVEDI	Asst. Professor	B Pharm, M Pharm,	05/08/2014	1.1 + 1.4	9438		
	DIMAK CHAND SAHU	Asst. Professor	B Pharm, M Pharm,	05/07/2016	4.6 + 0.0	18572		
	KISHOR KUMAR SAHU	Asst. Professor	M Pharm, B Pharm,	26/11/2014	0.8 + 0.0	1187		
14 C	Lata Choudhary	Asst. Professor	B Pharm, M Pharm,	22/09/2014	0.9 + 0.0	11064		
	ABHIJEET DUBEY	Asst. Professor	M Pharm, B Pharm,	21/03/2015	0.4 + 3.1	9142		
	RAGHUVIR KUMAR	Asst. Professor	B Pharm, M Pharm,	22/08/2014	1.0 + 0.0	10542		
	RAVI PRAKASH RATHORE	Asst. Professor	B Pharm, M Pharm,	2/3/2016	3	8247		
18 MIS	ISS LEENA SAHU	Asst. Professor	B Pharm, M Pharm,	2/3/2016	6	9455		
1 14 1	ABHISHEK KUMAR	Asst. Professor	B Pharm, M Pharm,	01/08/2016	0	10049		
	URYAKANT	Asst. Professor	B Pharm, M Pharm,	2/3/2016	3	8219		
	DINKAR			-		ļ	<del>                                     </del>	

# 2. Qualification and Number of Staff Members

	Qualification									
B. Ph	narm.	M Ph	arm.	Pi	1D	Others				
00		19		02		5	Part Time			

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

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

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

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

Department / Division	Name of the post	For strength of 100 students	Provided by the institution	Remarks of inspection team
Department of	Professor	1	01	
Pharmaceutics	Asst. Professor	2	6	
	Lecturer	3	0	
Department of	Professor	1	0	
Pharmaceutical	Asst. Professor	3	5	
Chemistry	Lecturer	3	0	
Department of	Professor	1	0	
Pharmacology	Asst. Professor	2	3	
	Lecturer	1	0	
Department of	Professor	1	0	
Pharmacognosy	Asst. Professor	1	2	
	Lecturer	2	0	
Department of	Asst. Professor	1	0	
Pharmacy Practice	Lecturer	1	0	
Department of	Asst. Professor	1	1(Asso. Prof.)	
Pharmaceutical Analysis	Lecturer	1	0	

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

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

# d. Whether opinion of Recruitment Committee Recorded

Yes

# 6. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
NA (New Organization)	Duration of 15 year and above	00
NA (New Organization)	Duration of 10 year and above	00
NA (New Organization)	Duration of 5 year and above	00
Dr. Durga Prasad Panda, Dr. Hamid Khan, Mr. Peeyush Kumar Mrs. Vijeta Singh MR.LOKESH SAHU MISS ANUBHA PANDEY MISS SWETA CHANDOL MISS NIHARIKA TIWARI MR MD AKHTAR, Miss Priya Ojha, Miss Shubhangi Dwivedi, MR. KISHOR SAHU MRS LATA CHOUDHARY, MR ABHIJEET DUBEY MR RAGHUVEER KAIWART	Less than 5 years	100

# 7. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
Dr. Durga Prasad Panda, Dr. Hamid Khan, Mr. Peeyush Kumar Mrs. Vijeta Singh MR.LOKESH SAHU MISS ANUBHA PANDEY MISS SWETA CHANDOL MISS NIHARIKA TIWARI MR MD AKHTAR, Miss Priya Ojha, Miss Shubhangi Dwivedi, MR. KISHOR SAHU MRS LATA CHOUDHARY MR ABHIJEET DUBEY MR RAGHUVEER KAIWART	retained in	No	No	Yes	No

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

SI No.	Designation	Required Number	Required Qualification	Available Number Qualification	Remarks of the Inspectors
1	Laboratory technician	1 for each Dept	D. Pharm	8 B.Sc., D. Pharm.	
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	5 MA	
3	Office Superintendent	1	Degree	0	
4	Accountant	1	Degree	1 M.Com.	
5	Store keeper	1	D. Pharm./ Degree	2 MA HIST MA POL SC	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1 MA PGDCA	
7	First Division Assistant	1	Degree	0	
8	Second Division Assistant	2	Degree	4 B SC LLB	
9	Peon	2	SSLC	5 H.S.C.	
10	Cleaning personnel	Adequate		5 10th	
11	Gardener	Adequate		1 5 th	

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

S.No.	Name	Qualification	Designation	Basic Pay	D.P.	DA	HRA	CCA & Additional Pay	Other Allowances	De	Deductions		Bank A/C No	PAN N
										РТ	TDS	EPF		
1	Vijeta Singh	B Pharm., M Pharm.,	Asst. Professor	15600	0	0	0	0	5280	0	0	0	1539010021605	
2	Leena Sahu	B Pharm, M Pharm.,	Asst. Professor	15600	0	0	0	0	5280	0	0	0	1539010021599	DUHPS56
3	ANUBHA PANDEY	B Pharm, M Pharm.,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010030612	BLLPP55
4	NIHARIKA TIWARI	B Pharm, M Pharm.,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010030603	SSJKA53
5	MD AKHTAR RASOOL	B Pharm, M Pharm.,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010030597	BAWPR98
6	SWETA CHANDROL	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010023597	AVFPC83
7	LOKESH SAHU	B Pharm, M. Pharm.	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010030588	DNHPS41
8	SURYAKANT DINKAR	B Pharm, M Pharm,	Asst. Professor	15600	0	5000	1500	250	50	780	0	0	1539010083207	BGCPD97
9	Peeyush Kumar	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0	1539010018072	
10	DR. HAMID KHAN	PHD, B Pharm, M Pharm,	Associate Professor	21200	7000	5000	1500	250	50	0	0	0	1539010083632	AXBPK69
11	Dr. Durga Prasad Panda	B Pharm., M Pharm., Ph. D., F.I.C., LL.M.,	Principal/Director	40400	10000	20000	1500	300	2800	0	0	0	1539010083225	ACMPP40
12	RAVI PRAKASH RATHORE	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	0	0	0	1539010083215	ARXPR29
13	PRIYA OJHA	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	0	0	0	1539010083191	AAWPO04
14	KISHOR SAHU	B Pharm, M Pharm,	Asst. Professor	15600	5000	2000	1500	250	50	0	0	0	1539010083216	ghryg256
15	SHUBHANGI DWIVEDI	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		BOHPD95
16	DIMAK CHAND SAHU	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		
17	ABHISHEK KUMAR	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		
18	ABHIJEET DUBEY	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		
19	RAGHUVIR KAIWART	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		
20	LATA CHAUDHARY	B Pharm, M Pharm,	Asst. Professor	15600	7000	5000	1500	250	50	780	0	0		

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

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

12. Scope for the promotion for faculty: Promotions Yes 13. Gratuity Provided

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

Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
Bhupesh Yadav	Laboratory Technician	B.Sc. D Pharm.	04/07/2009	05		
Ramakant Tamboli	Laboratory Technician	D Pharm.	01/07/2009	05		
Arman Khan	Laboratory Technician	D Pharm.	25/02/2014	00		
Nand Kishore Baghel	Laboratory Assistants	MA	02/07/2009	05		
Kamta Prasad Verma	Laboratory Assistants	HSSc	17/08/2009	05		
Lala Yadav	Store keeper	MA HIST MA POL SC	02/03/2014	02		
Govardhan sao	Laboratory Technician	D Pharm.	15/03/2014	2		
Nem Prakash Lahare	Accountant	M. Com	09/07/2009	05		
Raj Kumar Dwivedi	Second Division Assistant	B SC LLB	01/03/2014	05		
Kaushal Singh	Store keeper	BSC	12/03/2014	3		
Dinesh vishwakarma	Computer Data Operator	MA PGDCA	15/11/2013	1		
pradeep kewat	Second Division Assistant	ВА	15/12/2013	1		
Mrs Chandani Mishra	Librarian	M Lib	01/08/2009	04		
Ravish Yadav	Peon	HSSc	01/08/2009	03		
Mukesh Rathore	Peon	HSSc	20/08/2009	03		
Nixon	Peon	HSSC	10/03/2014	02		
Dilchand Nisad	Gardener	5 th	01/07/2009	4		
Narendra Dewangan	Laboratory Technician	D Pharm.	02/08/2011	02		
Daman Rathore	Laboratory Technician	B.Sc. D Pharm.	02/08/2011	02		

Vikash Yadav         Labortory Assistants         B.Sc.         02/08/2011         02           Dharmendra Singh         Assistants         HSSc         02/08/2011         02           Jitendra Patel         Laboratory Technician         D Pharma         06/08/2012         01           Tousif Khan         Laboratory Technician         D Pharma         06/08/2012         01           Sunil SIngh         Second Division Assistant         BSC         12/12/2014         01           Rajesh Rathore         Librarian         D lib         06/08/2012         01           govind rathore         Labortory Assistants         hssc         15/03/2014         1           ramesh mahanand         Cleaning personnel         10th         19/01/2014         1           Naresh K S Chandel         Second Division Assistant         BA LLB         20/02/2014         7           Shiv Kumar Peon         12 TH ARTS         01/04/2014         0           Birendra Dhiwar         Peon         10 th         01/04/2014         0           MEPNA Cleaning personnel         5TH         01/04/2014         0           MEENA Cleaning personnel         5TH         01/04/2014         0           BHARATI         Cleaning personnel         5TH <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
Singh         Assistants         HSSC         02/08/2011         02           Jitendra Patel         Laboratory Technician         D Pharma         06/08/2012         01           Tousif Khan         Laboratory Technician         D Pharma         06/08/2012         01           Sunil Slngh         Second Division Assistant         BSC         12/12/2014         01           Rajesh Rathore         Librarian         D lib         06/08/2012         01           govind rathore         Labortory Assistants         hssc         15/03/2014         1           ramesh mahanand         Cleaning personnel         10th         19/01/2014         1           Naresh K S Chandel         Second Division Assistant         BA LLB         20/02/2014         7           Shiv Kumar Rathor         Peon         12 TH ARTS         01/04/2014         0           Birendra Dhiwar         Peon         10 th         01/04/2014         0           MANJU YADAV         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0	Vikash Yadav		B.Sc.	02/08/2011	02	
Technician			HSSc	02/08/2011	02	
Sunil SIngh   Second Division   Assistant   BSC   12/12/2014   01	Jitendra Patel		D Pharma	06/08/2012	01	
Rajesh Rathore   Librarian   D lib   06/08/2012   01	Tousif Khan		D Pharma	06/08/2012	01	
govind rathore	Sunil SIngh		BSC	12/12/2014	01	
Shykumar Rathor   Peon   10 th   01/04/2014   0	Rajesh Rathore	Librarian	D lib	06/08/2012	01	
mahanand         Cleaning personnel         10th         19/01/2014         1           Naresh K S Chandel         Second Division Assistant         BA LLB         20/02/2014         7           Shiv Kumar Rathor         Peon         12 TH ARTS         01/04/2014         0           Birendra Dhiwar         Peon         10 th         01/04/2014         0           MANJU YADAV         Cleaning personnel         5TH         01/04/2014         0           SHYAM KUMAR         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0	govind rathore		hssc	15/03/2014	1	
Chandel         Assistant         BA LLB         20/02/2014         7           Shiv Kumar Rathor         Peon         12 TH ARTS         01/04/2014         0           Birendra Dhiwar         Peon         10 th         01/04/2014         0           MANJU YADAV         Cleaning personnel         5TH         01/04/2014         0           SHYAM KUMAR         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0		Cleaning personnel	10th	19/01/2014	1	
Rathor         Peon         12 IH ARTS         01/04/2014         0           Birendra Dhiwar         Peon         10 th         01/04/2014         0           MANJU YADAV         Cleaning personnel         5TH         01/04/2014         0           SHYAM KUMAR         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0			BA LLB	20/02/2014	7	
MANJU YADAV         Cleaning personnel         5TH         01/04/2014         0           SHYAM KUMAR         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0		Peon	12 TH ARTS	01/04/2014	0	
SHYAM KUMAR         Cleaning personnel         5TH         01/04/2014         0           MEENA         Cleaning personnel         4TH         01/04/2014         0	Birendra Dhiwar	Peon	10 th	01/04/2014	0	
MEENA Cleaning personnel 4TH 01/04/2014 0	MANJU YADAV	Cleaning personnel	5TH	01/04/2014	0	
	SHYAM KUMAR	Cleaning personnel	5TH	01/04/2014	0	
BHARATI Cleaning personnel 5TH 01/04/2014 0	MEENA	Cleaning personnel	4TH	01/04/2014	0	
	BHARATI	Cleaning personnel	5TH	01/04/2014	0	_

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

Yes

# **PART V - DOCUMENTATION**

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

PART - VI
Financial Resource Allocation and Utilization for the past Three years
(Audited Accounts for previous year to be enclosed)

-	Expenditure in Rs. 2012-2013			Expenditure in Rs. 2013-2014			Expenditure in Rs. 2014-2015		
Total budget sanction ed	Recurri ng	Non Recurri ng	Total budget sanction ed	ccaiii	Non Recurri ng	Total budget sanction ed	Recurri ng	Non Recurri ng	
1200000	1090000	110000	615000	484000	131000	800000	450000	300000	

Total amount spent on Chemical, Glassware, Equipments, Books and Journals for the past Three Years

(Enclose purchase invoice)

Total budget allocat ed	Sanction ed	Incurr ed	Total budget allocat ed	Sanction ed	Incurr ed	Total budget allocat ed	Sanction ed	Incurr ed	Remarks of the Inspector s*
Chemica	<b>Is</b> 150000	130000	Chemica	<b>Is</b> 120000	101000	Chemica	135000	98000	
Glasswa	<b>re</b> 100000	80000	Glasswa	<b>re</b> 75000	52000	Glasswa	<b>re</b> 75000	46000	
Equipme	nt 720000	675000	Equipme	<b>nt</b> 260000	195000	Equipme	e <b>nt</b> 500000	386000	
Books	200000	180000	Books	125000	105000	Books	170000	145000	
Journals	30000	25000	Journals	35000	33000	Journals	35000	26000	

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

# PART VII â€" EQUIPMENT AND APPARATUS

# 1. Department wise List of Minimum equipments required for B. Pharm.

# Department of Pharmacology

### **Equipments:**

SI. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Microscopes	20	20	Yes	
2	Haemocyto meter with Micropipettes	20	20	Yes	
3	Sahli's haemocytometer	20	20	Yes	
4	Hutchinson's spirometer	1	1	Yes	
5	Spygmomanometer	10	10	Yes	
6	Stethoscope	10	10	Yes	
7	Permanent Slides for various tissues	0	2	Yes	
8	Models for various organs	0	2	Yes	
9	Specimen for various organs and systems	0	6	Yes	
10	Skeleton and bones	0	3	Yes	
11	Different Contraceptive Devices and Models	0	2	Yes	
12	Muscle electrodes	1	1	Yes	
13	Lucas moist chamber	1	1	Yes	
14	Myographic lever	1	1	Yes	
15	Stimulator	1	1	Yes	
16	Centrifuge	1	1	Yes	
17	Electronic Balance	1	1	Yes	
18	Physical /Chemical Balance	1	1	Yes	
19	Sherrington Kymograph Machine / Polyrite	10	10	Yes	
20	Sherrington Drum	10	10	Yes	
21	Perspex bath assembly (single unit)	10	10	Yes	
22	Aerators	10	10	Yes	
23	Computer with LCD	1	1	Yes	
24	Software packages for experiment	1	1	Yes	
25	Standard graphs of various drugs	Adequate No.	1	Yes	
26	Actophotometer	1	1	Yes	
27	Rotarod	1	1	Yes	
28	Pole climbing apparatus	1	1	Yes	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	1	1	Yes	
30	Convulsiometer	1	1	Yes	
31	Plethysmograph	1	1	Yes	
32	Digital pH meter	1	1	Yes	

### Appratus:

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

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

# Department of Pharmacognosy

### **Equipments:**

SI. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Microscope with stage micrometer	20	20	Yes	
2	Digital Balance	2	2	Yes	
3	Autoclave	2	2	Yes	
4	Hot air oven	2	2	Yes	
5	B.O.D. incubator	1	1	Yes	
6	Refrigerator	1	1	Yes	
7	Laminar air flow	1	1	Yes	
8	Colony counter	2	2	Yes	
9	Zone reader	1	1	Yes	
10	Digital pH meter	1	1	Yes	
11	Sterility testing unit	1	1	Yes	
12	Camera Lucida	20	20	Yes	
13	Eye piece micrometer	20	20	Yes	
14	Incinerator	1	1	Yes	
15	Moisture balance	1	1	Yes	
16	Heating mantle	20	20	Yes	
17	Flourimeter	1	1	Yes	
18	Vacuum pump	2	2	Yes	
19	Micropipettes (Single and multi channeled)	5	5	Yes	
20	Micro Centrifuge	1	1	Yes	
21	Projection Microscope	1	1	Yes	

# Appratus:

SI. No.	Name	Minimum required Nos.	Available Nos.	Working	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	1	1	Yes	

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

#### Department of Pharmaceutical Chemistry

## **Equipments:**

SI. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Hot plates	5	5	Yes	
2	Oven	3	3	Yes	
3	Refrigerator	1	1	Yes	
4	Analytical Balances for demonstration	5	5	Yes	
5	Digital balance 10mg sensitivity	10	10	Yes	
6	Digital balance 1mg sensitivity	1	1	Yes	
7	Suction pumps	6	6	Yes	
8	Muffle Furnace	1	1	Yes	
9	Mechanical Stirrers	10	10	Yes	
10	Magnetic Stirrers with Thermostat	10	10	Yes	
11	Vacuum Pump	1	1	Yes	
12	Digital pH meter	1	1	Yes	
13	Microwave Oven	2	2	Yes	

# Appratus:

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

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

# Department of Pharmaceutics

# **Equipments:**

No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Mechanical stirrer	20	20	Yes	
2	Homogenizer	10	10	Yes	
3	Digital balance (10 mg sensitivity)	5	5	Yes	
4	Microscopes	10	10	Yes	
5	Stage and eye piece micrometers	15	15	Yes	
6	Brookfield viscometer	1	1	Yes	
7	Ball mill	1	1	Yes	
8	Sieve shaker with sieve set	1	1	Yes	
9	Double cone blender	1	1	Yes	
10	Propeller type mechanical agitator	5	5	Yes	
11	Autoclave	1	1	Yes	
12	Steam distillation still	1	1	Yes	
13	Vacuum Pump	1	1	Yes	
14	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	10 sets	10	Yes	
15	Tablet punching machine	1	1	Yes	
16	Capsule filling machine	1	1	Yes	
17	Ampoule washing machine	1	1	Yes	
18	Ampoule filling and sealing machine	1	1	Yes	
19	Tablet disintegration test apparatus IP	2	2	Yes	
20	Tablet dissolution test apparatus IP	1	1	Yes	
21	Monsanto hardness tester	2	2	Yes	
22	Pfizer type hardness tester	1	1	Yes	
23	Friability test apparatus	1	1	Yes	
24	Clarity test apparatus	1	1	Yes	
25	Ointment filling machine	1	1	Yes	
26	Collapsible Tube Crimping Machine	1	1	Yes	
27	Tablet coating pan	1	1	Yes	
28	Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control.	5 each 10	10	Yes	
29	Digital pH meter	1	1	Yes	
30	All purpose equipment with all accessories	1	1	Yes	
31	Aseptic Cabinet	1	1	Yes	
32	BOD Incubator	2	2	Yes	
33	Bottle washing Machine	1	1	Yes	
34	Bottle Sealing Machine	1	1	Yes	
35	Bulk Density Apparatus	2	2	Yes	
36	Conical Percolator (glass/ copper/ stainless steel)	10	10	Yes	
37	Capsule Counter	2	2	Yes	
38	Energy meter	2	2	Yes	
39	Hot Plate	2	2	Yes	
40	Humidity Control Oven	1	1	Yes	
41	Liquid Filling Machine	1	1	Yes	
	Mechanical stirrer with speed regulator	2	2	Yes	
	Precision Melting point Apparatus	1	1	Yes	
	Tray Drier	1	1	Yes	
	Distillation Unit	1	1	Yes	

# Appratus:

SI. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Ostwald viscometer	20	20	Yes	
2	Stalagmometer	20	20	Yes	
3	Desiccators	10	10	Yes	
4	Suppository moulds	20	20	Yes	
5	Buchner Funnels Small, medium, large	05 each	15	Yes	
6	Filtration assembly	1	1	Yes	
7	Permeability Cups	5	5	Yes	
8	Andreason's Pipette	5	5	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

# **Equipments:**

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

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

#### Central Instrumentation Room **Equipments:** Minimum Available Working Remarks of the Inspectors Name required Nos 1 Colorimeter Yes Digital pH meter 3 UV- Visible Spectrophotometer 1 1 Yes 4 Flourimeter Yes 5 Digital Balance (1mg sensitivity) Yes 6 Nephelo Turbidity meter 1 Yes Yes 7 Flame Photometer 8 Potentiometer Yes 1 1 Conductivity meter Yes 10 Fourier Transform Infra Red Spectrometer (Desirable) 0 No 11 HPLC 1 1 Yes 12 HPTLC (Desirable) 0 No 13 Atomic Absorption and Emission spectrophotometer (Desirable) 0 No 1 14 Biochemistry Analyzer (Desirable) No 15 Carbon, Hydrogen, Nitrogen Analyzer (Desirable) 0 No 16 Deep Freezer (Desirable) 0 No 17 Ion- Exchanger 1 1 Yes 18 Lyophilizer (Desirable) 0 No NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department. Observations of the Inspectors: Compliance of the last recommendations by Inspectors Specific observations if not compiled

#### Note:

Signature of Inspectors:

- 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.

