

**Tracking Number: SIF/2017/100157**

**PHARMACY COUNCIL OF INDIA**

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

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

**(SIF-B)**

*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**

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**A - I.1**

<b>Name of the Institution</b>	Department of Pharmacy, Birla Institute of Tech. & Sciences
<b>Complete Postal address:</b>	Head, Dept. of Pharmacy Birla Institute of Technology & Science, PILANI-333 031 (Rajasthan)
<b>Telephone Number with STD Code</b>	01596 515206
<b>Fax No</b>	01596244183
<b>Email</b>	anugaikwad1@gmail.com
<b>Year of Establishment</b>	1950
<b>Status of the course conducting body</b>	University

**(Enclose copy of Registration documents of Society/Trust)**

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**A - I.2**

<b>Name of the Society/Trust/Management (attach documentary evidence)</b>	Birla Institute of Technology and Science Pilani
<b>Address</b>	Birla Institute of Technology and Science, Pilani Vidya Vihar Campus Pilani Rajasthan 333031
<b>Telephone Number with STD Code</b>	01596 242192
<b>Fax No</b>	01596244183
<b>Email</b>	<a href="mailto:siva232@gmail.com">siva232@gmail.com</a> , registrar@pilani.bits-pilani.ac.in
<b>Website</b>	<a href="http://www.bits-pilani.ac.in">www.bits-pilani.ac.in</a>

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**A - I.3**

<b>Name of the Person to be contacted by phone</b>	Prof. S.C. Sivasubramanian
<b>Designation</b>	Acting Registrar
<b>Address</b>	Acting Registrar Birla Institute of Technology and Science, Pilani Vidya Vihar Campus Pilani Rajasthan 333031
<b>STD Code</b>	01596

**Telephone Number**

Office 01596515298  
 Residence 515298  
 Mobile 9929095378  
 Fax No 01596244183  
 Email siva232@gmail.com

**A - I.4**

**Name of the Head of the Institution** Prof. Souvik Bhattacharyya  
**Address** Vice-Chancellor, Birla Institute of Technology and  
 Science, Pilani Vidya Vihar Campus Pilani Rajasthan  
 333031

**Signature of the Head of the Institution****Signature of the Inspectors****A - I.5****FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL****a. DETAILS OF AFFILIATION FEE PAID**

Name of the Course	Affiliation Fee Paid Upto	Receipt No.	Dated	Remarks of the Inspectors
B Pharm	2017-18	502760	17/07/2017	

**b. APPROVAL STATUS**

Name of the Course	Approved Upto	Intake Approved and Admitted	PCI	State Govt	University	Remarks of the Inspectors
B Pharm	2017-18	Approved Letter No & Date	32-6-2010-PCI/12945-47 28/06/2013	NA	NA	
		Approved Intake	60	0	0	
		Actually Admitted	42	0	0	

**c. STATUS OF APPLICATION**

COURSES INSPECTED FOR				
Course	Extension of Approval	Increase in Intake of Seates	Current Intake	Proposed increase in Intake
B Pharm	Yes	No	60	0

Note: Enclose relevant documents

**A - I.6**

Whether other educational institutions/courses are also being run by the trust/institution in the same building/campus?

If yes, give status

Yes

**A - I.6 a**

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

**Examining Authority:****Degree Course**

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

The Registrar Birla Institute of Tech. & Sciences,  
PILANI-333 031

Signature of the Head of the Institution

Signature of the Inspectors

**B - DETAILS OF THE INSTITUTION****B - I.1****Name of the Principal**

Dr. Gaikwad Anil Bhanudas

Qualification / Experience	Qualification		Teaching Experience Required	Actual experience	Remarks of the Inspectors
	M. Pharm	Yes	15 years, out of which 5 years as Prof. / HOD	7	
	PhD	Yes	10 years, out of which at least 05 years as Asst. Prof		

\* Documentary evidence should be provided

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

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied/Not Complied	Intake reduced/Stopped in the last 03 years*
<b>B Pharm</b>	01/01/1900		Yes	Yes

\* Enclose Documents

**B - I.3**

<b>Status of Governing Council</b>	Society
<b>Details of the Governing Body</b>	Enclosed
<b>Minutes of the last Governing council Meeting</b>	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	
Non-Teaching Staff	State Government	Yes	Yes	Yes	

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

ACADEMIC YEAR	2015-2016	2016-2017	2017-2018
Sanctioned	60	60	60
No. of Admissions	52	56	42
Unfilled Seats	8	4	18
No of Excess Admission	0	0	0

**B - I.6****Academic information: Percentage of UG results for the past three years based on University Calendar**

ACADEMIC YEAR	2015-2016	2016-2017	2017-2018
1st Year	100	100	0
2nd Year	100	100	100
3rd Year	100	100	100
Final Year	100	100	100
Pass % (Final Year)	100	100	100

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

Whether college has NSS Unit	Yes
If no give reasons	NA
NSS Program Officer's Name	Dr Anupam Singhal
Programme Conducted Details	1. Literacy Program to provide literacy and smart education to needy 2. Computer Literacy program to provide computer literacy to adults and students living in Pilani and in nearby villages 3. Establishment of Pilani Resource Centre, Harinagar 4. Computer Literacy Programme in in Rayla village Govt. school: 5. Health and Public Awareness camps 6. Organisation of Blood Donation Camp 7. Initiated Leading Endeavour to Achieve Progress
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	

Signature of the Head of the Institution

Signature of the Inspectors

### C - FINANCIAL STATUS OF THE INSTITUTION

Audited financial Statement of Institute should be furnished

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

C .2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspector
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants		CAPITAL EXPENDITURE			
	a. Government	0.00				
	b. Others	0.00				
2.	Tuition Fee	44600000.00	1.	Building	16350000.00	
3.	Library Fee	0.00	2.	Equipment	7110000.00	
4.	Sports Fee	0.00	3.	Others	0.00	
5.	Union Fee	78300.00	REVENUE EXPENDITURE			
6.	Others	0.00	1.	Salary	31787594.00	
			2.	Maintenance Expenditure		
				i. College	2613000.00	
				ii. Others	400000.00	
			3.	University Fee	0.00	
			4.	Apex Bodies Fee	100000.00	
			5.	Government Fee	0.00	
			6.	Deposit held by the College	0.00	
			7.	Others	4005000.00	
			8.	Misc. Expenditure	118000.00	
	<b>Total</b>	<b>44678300.00</b>		<b>Total</b>	<b>62483594.00</b>	

Note: Enclose relevant documents

Signature of the Head of the Institution

Signature of the Inspectors

## PART- II PHYSICAL INFRASTRUCTURE

- 1. a. Availability of Land (B.Pharm courses) Available**
- a) 2.5 acres District HQ/Corporation/Municipality limit
- b) 0.5 acres 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. mts**
- |                                       |              |
|---------------------------------------|--------------|
| <b>Built up Area</b>                  | <b>25600</b> |
| <b>Amenities and Circulation Area</b> | <b>10000</b> |

### 2. Class Rooms

Total Number of Class rooms provided at the end of 4 Year Course					
Class	Required	Available Numbers	Required Area * for each class room	Available Area in Sq. mts	Remarks of the Inspectors
<b>B.Pharm</b>	04	14	90 sq. mts each (Desirable) 75 sq. mts each (Essential)	2124	

[\* To accommodate 60 students]

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

Sl.No.	Infrastructure for	Requirement As Per Norms	Available No.	Area in Sq. mts	Remarks or Deficiency
1	Laboratory Area for B.Pharm Course	90 Sq. mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	0	0	
2	Pharmaceutics	03 Laboratories	5	292	
3	Pharmaceutical Chemistry	02 Laboratories	3	163	
4	Pharmaceutical Analysis	01 Laboratory	1	49	
5	Pharmacology	02 Laboratories	3	176	
6	Pharmacognosy	01 Laboratories	2	139	
7	Pharmaceutical Biotechnology	01 Laboratory	1	157	
8	Preparation Room for each lab	10 sq mts (minimum)	1	70	
9	Area of the Machine Room	80-100 Sq.mts	1	101	
10	Central Instrumentation Room	80 Sq.mts with A/ C	1	232	
11	Store Room I	1 (Area 100 Sq mts)	1	49	
12	Store Room II	1 (Area 20 Sq mts)	1	61	

**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-absorbant 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

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available		Remarks/Deficiency
				No.	Area in Sq.mts	
1	Principal's Chamber	01	30 Sq. mts	1	24	
2	Office - I - Establishment	01	60 Sq. mts	1	10	
3	Office - II - Academics			1	15	
4	Confidential Room			1	100	

#### 5. Staff Facilities

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available		Remarks/Deficiency
				No.	Area in Sq.mts	
1	HODs for B.Pharm course	Minimum 4	20 Sq. mts x 4	0	0	
2	Faculty Rooms for B.Pharm course		10 Sq. mts x n (n=No. of teachers)	25	330.50	

#### 6. Meuseum, Library, Aniaml house and other Facilities

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available		Remarks/Deficiency
				No.	Area in Sq.mts	
1	Animal House	01	80 Sq. mts	1	160	
2	Library	01	150 Sq. mts	1	5000	
3	Museum	01	50 Sq. mts (Maybe attached to the Pharmacognosy lab)	1	50	
4	Auditorium/ Multi Purpose Hall (Desirable)	01	250 - 300 seating capacity	1	1500	
5	Seminar Hall	01		2	50	
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	30	

#### 7. Student Facilities

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available		Remarks/Deficiency
				No.	Area in Sq.mts	
1	Girls's Common Room (Essential)	01	60 Sq. mts	3	1107	
2	Boy's Common Room (Essential)	01	60 Sq. mts	3	156	
3	Toilet Blocks for Girls	01	24 Sq. mts	2	48	
4	Toilet Blocks for Boys	01	24 Sq. mts	3	96	

5	Drinking Water facility - Water cooler (Essential)	01	--	4	4	
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	11	27840	
7	Girls's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20 Sq.mts/Room (Triple occupancy)	8	6235	
8	Power Backup Provision (Desirable)	01	--	1	30	

#### 8. Computer and other Facilities

Name	Required	Available		Remarks/Deficiency
		No.	Area in Sq.mts	
Computer Room B.Pharm Course*	01 (Area 75 Sq. mts)	7	195	
Computer (Latest Configuration)	1 system for every 10 students (UG & PG)	375	195	
Printers	1 Printer for every 10 computers	3	0	
Multi Media Projector	01	**	0	
Generator (5KVA)	01	1	15	

\*We have the information processing centre located at New Academic building. IPC supports IT Workshops, academic activities and e-attendance for all branches of students. The networking activities, computing support and maintenance for different sponsored research projects are also being taken care of by this unit. IPC composed of 7 labs of total area 930.59.

\*\* Each classroom is equipped with projector. Dept is having its own projector.

#### 9. Amenities(Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks/Deficiency
		No.	Area in Sq.mts		
Principal Quarters	80 Sq. Mtr.	1	172		
Staff Quarters	16 x 80 Sq. mts	20	3200		
Canteen	100 Sq. mts	2	253		
Parking Area for staff and students		2	1000		
Bank Extension Counter		0	0	ATM facility available in campus	
Cooperative Stores		1	750		
Guest House	80 Sq. mts	1	1000		



Transport Facility for students		0	0	Fully residential ca	
Medical Facilities(First Aid)		2	10000	One medical centre in campus and one hospital nearby	

#### 10.A. Library Books and Periodicals

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

Sl. No.	Item	Titles(No)	Minimum Volumes(No)	Available		Remarks of the Inspectors
				Title	No.	
1	Number Of Books	150	1500 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	4233	4233	
2	Annual Addition of Books		100 to 150 books per year	30	100	
3	Periodicals Hard Copies/Online		10 National 05 International periodicals	20	20	
4	CDS		Adequate Nos	2196	2196	
5	Internet Browsing Facilities		Yes/No (Minimum ten Computers)	Available		
6	Reprographic Facilities: PhotoCopier Fax Scanner		01 01 01	Available Not Available Available		
7	Library Automation and Computerized System			Available		
8	Library timings			9 am to 11 pm		

#### 10.C. Library Staff

Sl. 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	

Signature of the Head of the Institution

Signature of the Inspectors

### PART III ACADEMIC REQUIREMENTS

#### Course Curriculum

##### 1. Student Staff Ratio:

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

Class	Theory	Practicles	Remarks of the Inspectors
B. Pharm	12:1	12:1	

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

Semester

##### 3. Date of Commencement of session/ sessions for B.Pharm:

Commencement	Completion
01/08/2017	14/05/2018

##### 4. Vacation

	No of Days		No of Days
Summer :	60	Winter :	15

##### 5. Total No. of working days

225

##### 6. Time Table copy Enclosed:

Yes

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

B Pharm I

Subject 1	No of Theory Classes		Practical Classes			Remarks of the Inspectors
	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	
Biology Laboratory	0	0	2	2	0	
General Biology	4	4	0	0	0	
Chemistry Laboratory	0	0	2	2	0	
Mathematics I	3	3	0	0	0	
Physics Laboratory	0	0	2	2	0	
Mechanics, Oscilations and Waves	3	3	0	0	0	
Engineering Graphics	1	1	4	4	0	
Mathematics II	3	3	0	0	0	
Workshop Practice	2	2	4	4	0	
Computer Programming	3	3	0	0	0	
Electrical Sciences	3	3	0	0	0	
Technical Report Writing	3	3	0	0	0	
Probability and Statistics	3	3	0	0	0	
Thermodynamics	3	3	0	0	0	

**B Pharm II**

Subject 1	No of Theory Classes		Practical Classes			Remarks of the Inspectors
	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	
Mathematics-III	3	3	0	0	0	
Bhagwat Geeta	3	3	0	0	0	
Pharmaceutical Analysis	3	3	3	3	0	
Anatomy, Physiology and Hygiene	3	3	3	3	0	
Dispensing Pharmacy	3	3	3	3	0	
Microbiology	3	3	3	3	0	
Principles of Economics	3	3	0	0	0	
Pharmaceutical Chemistry	3	3	3	3	0	
Physical Pharmacy	3	3	3	3	0	
Biological Chemistry	3	3	3	3	0	
Process Engineering	3	3	3	3	0	
Contemporary India	3	3	0	0	0	
Environmental Studies	3	3	0	0	0	

**B Pharm III**

Subject 1	No of Theory Classes		Practical Classes			Remarks of the Inspectors
	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	
Optimization	3	3	0	0	0	
Instrumental Methos of Analysis	3	3	3	3	0	
Dispensing Pharmacy	3	3	3	3	0	
Natural Drugs	3	3	3	3	0	
Anatomy, Physiology and Hygiene	3	3	3	3	0	
Process Engineering	3	3	3	3	0	
Operations Research	3	3	0	0	0	
Forensic Pharmacy	3	3	0	0	0	
Pharmacology and Toxicology	3	3	3	3	0	
Pharmaceutical Formulation and Biopharmaceuticals	3	3	3	3	0	
Pharmacoeconomics	3	3	0	0	0	
Medicinal Chemistry	3	3	3	3	0	

**B Pharm IV**

Subject 1	No of Theory Classes		Practical Classes			Remarks of the Inspectors
	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	
Biopharmaceutics	3	3	0	0	0	
Physical Pharmacy	3	3	3	3	0	
Pharmaceutical Management and quality control	3	3	0	0	0	
Chemistry of synthetic drugs	3	3	0	0	0	
Phytochemistry	3	3	0	0	0	
Thesis	0	0	18	18	0	
Practice School	0	0	40	40	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**

Name of the Event	2015-2016	2016-2017	2017-2018
Guest Lectures	4	2	0
Seminars	0	1	0
Workshops	0	0	0
Symposia	0	0	1

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

	2015-2016		2016-2017		2017-2018	
	National	International	National	International	National	International
<b>Published</b>	4	40	2	49	0	0
<b>Presented</b>	21	8	43	7	0	0

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

**B. PHARM**

Class	I Sessional Dates		II Sessional Dates		III Sessional Dates		Remarks of the Inspectors
	Theory	Practicals	Theory	Practicals	Theory	Practicals	
I B. Pharm	28/08/2017	28/08/2017	28/09/2017	28/09/2017	09/10/2017	09/10/2017	
II B. Pharm	28/08/2017	28/08/2017	28/09/2017	28/09/2017	09/10/2017	09/10/2017	
III B. Pharm	28/08/2017	28/08/2017	28/09/2017	28/09/2017	09/10/2017	09/10/2017	
IV B. Pharm	28/08/2017	28/08/2017	28/09/2017	28/09/2017	09/10/2017	09/10/2017	

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

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Class	No of Candidates scored more than 80%		No of Candidates scored 60% - 80%		No of Candidates scored 50% - 60%		No of Candidates scored less than 50%		Remarks of the Inspectors
	Theory	Practicals	Theory	Practicals	Theory	Practicals	Theory	Practicals	
I B.Pharm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
II B.Pharm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
III B.Pharm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IV B.Pharm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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

S.No.	Name of Faculty	Subjects Taught	B. Pharm								Total Work Load	Remarks of the Inspectors
			I		II		III		IV			
			Th	Pr	Th	Pr	Th	Pr	Th	Pr		
1	Dr. Anil Jindal	Process Engineering	0	0	3	3	3	3	0	0	12	
2	Dr. Aniruddha Roy	Introduction to molecular Biology and Immunology	0	0	3	0	0	0	0	0	3	
		Microbiology	0	0	3	0	0	0	0	0	3	
		Pharmaceutical Formulations and Biopharmaceutics	0	0	0	0	0	0	0	0	0	
3	Dr. ANUPAMA MITTAL	Instrumental Methods of Analysis	0	0	0	0	0	3	0	0	3	
		Physical Pharmacy	0	0	3	3	0	0	0	0	6	
4	Dr. Archana Khosa Kakkar	Pharmaceutical Formulations and Biopharmaceutics	0	0	0	0	3	3	0	0	6	
		Physical Pharmacy	0	0	0	6	0	0	0	0	6	
5	Dr. Deepak Chitkara	Dispensing Pharmacy	3	3	0	0	0	0	0	0	6	
6	Dr. Gaikwad Anil Bhanudas	Pharmacology II	0	0	0	0	3	0	0	0	3	
7	Dr. Gautam singhvi	Dispensing Pharmacy	0	3	0	0	0	0	0	0	3	
		Forensic Pharmacy	0	0	0	0	3	0	0	0	3	
		Pharmaceutical Management and Quality Control	0	0	0	0	3	0	0	0	3	
8	Dr. Hemant Jadhav	Pharmaceutical Chemistry	0	0	3	3	0	0	0	0	6	
9	Dr. Murali Monohar Pandey	Biological Chemistry	0	0	3	0	0	0	0	0	3	
		Biopharmaceutics	0	0	0	0	3	0	0	0	3	
		Pharmaceutical Analysis	0	0	0	3	0	0	0	0	3	
		Pharmacoeconomics	0	0	0	0	3	0	0	0	3	
10	Dr. Paul Atish Tulshiram	Instrumental Methods of Analysis	0	0	0	0	3	3	0	0	6	
		Natural Drugs	0	0	0	0	3	3	0	0	6	
11	Dr. R MAHESH	Medicinal Chemistry	0	0	0	0	3	0	0	0	3	
12	Dr. Rajeev Taliyan	Anatomy Physiology Hygine	0	0	3	0	3	3	0	0	9	
		Pathophysiology	0	0	0	0	0	0	0	0	0	

		Pharmacology I	0	0	0	0	0	0	0	0	0	0	
13	Dr. Ranendra Narayan Saha												
14	Dr. S MURUGESAN	Pharmaceutical Analysis	0	0	3	0	0	0	0	0	0	3	
15	Dr. Sunil Kumar Dubey	Pharmaceutical Management and Quality Control	0	0	0	0	3	0	0	0	0	3	

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

Details	Year : 2015-2016	Year : 2016-2017	Year : 2017-2018
No of Students Appeared	0	0	0
No of Student Qualified	0	0	0
Percentage	0	0	0

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

Events	Details For thr previous Year
No of Industrial Visits	2
Industrials Tour	0
Industrial Training	2
No of resourse persons from the Industry for Guest Lectures	0
No. of collaboration projects with Industry	8

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

Details	Year : 2015-2016	Year : 2016-2017	Year : 2017-2018
No of Students Appeared for campus interview	26	9	0
% Percentage	84	88	00

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

Signature of the Head of the Institution

Signature of the Inspectors

**PART IV - PERSONNEL**

**TEACHING STAFF**

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

S.No	Name	Designation	Qualification	Date of Joining	Teaching Experience After PG	State Pharmacy Coun. Reg No.	Signature of Faculty	Remarks of Inspector
1	Hemant Jadhav	Associate Professor	B Pharm, M Pharm, PHD,	01/02/2013	4.6 + 8.2	41349		
2	Sunil Kumar Dubey	Asstt. Professor	B Pharm, M Pharm, PHD,	20/06/2014	3.2 + 0.0	1393		
3	Gautam singhvi	Asstt. Professor	B Pharm, M Pharm, PHD,	14/10/2015	1.9 + 6.2	22139		
4	R MAHESH	Professor	B Pharm, PHD,	15/07/1989	28.1 + 0.0	1992A1		
5	S MURUGESAN	Asstt. Professor	B Pharm, M Pharm, PHD,	31/05/2010	7.2 + 5.4	4488-A1		
6	Murali Monohar Pandey	Lecturer	B Pharm, M Tech (Biotech),	17/08/2007	10.0 + 0.0	40380		
7	Archana Khosa Kakkar	Lecturer	B Pharm, M Pharm,	14/04/2012	5.4 + 1.2	20554		
8	Gaikwad Anil Bhanudas	Asstt. Professor	M Pharm, PHD, B Pharm,	13/08/2012	5.0 + 1.2	72002		
9	Rajeev Talyan	Asstt. Professor	M Pharm, PHD, B Pharm,	20/01/2012	5.6 + 0.0	40378		
10	Ranendra Narayan Saha	Professor	B Pharm, PHD, M Pharm,	01/07/1986	31.2 + 0.0	21956		
11	Paul Atish Tulshiram	Asstt. Professor	B Pharm,	16/01/2013	4.6 + 1.8	35369		
12	Deepak Chitkara	Asstt. Professor	M.S. (Pharm.), PHD, B Pharm,	12/06/2014	3.2 + 0.0			
13	Anil Jindal	Asstt. Professor	B Pharm, M Pharm, PHD,	18/04/2014	3.4 + 0.0	23683		
14	Dr. Anupama Mittal	Asstt. Professor	B Pharm, M Pharm, PHD	23/06/2014	1.9 + 0.0			
15	Dr. Aniruddha Roy	Asstt. Professor	B Pharm, M Pharm, PHD	17/11/2015	3.2 + 0.0	A6468		

**2. Qualification and Number of Staff Members**

Qualification				
B Pharm	M Pharm	PhD	Others	
15	14	14	0	Part Time

**3. 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
<b>Principal</b>	1		1		1		1	
<b>Pharmaceutical Chemistry</b>	1	0	2	2	3	2	4	3
<b>Pharmaceutical Analysis</b>	1	0	--	1	--	2	1	1
<b>Pharmacology</b>	1	0	2	4	3	5	4	0
<b>Pharmacognosy</b>	1		2		3		3	

<b>Pharmaceutics</b>	1	0	2	1	3	3	4	0
<b>Total</b>	6		9		13		17	
<b>Part Time teaching staff</b>	3		--		--		--	
<b>Remarks of the Inspection Team</b>								
*Part time teaching staff for Mathematics, Biology and Computer Science should be appointed.								

- Several courses are being commonly handled for all degree programs of institute by the respective discipline faculty. These faculty members are not included in the pharmacy faculty list.

**4. Staff Pattern for B. Pharm courses Department wise / Division 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	1	
	Asst. Professor	1	7	
	Professor	4	1	
	Lecturer			
Department of Pharmaceutical Chemistry (including Pharmaceutical Analysis)	Professor	1	1	
	Asst. Professor	1	1	
	Professor	4	1	
	Associate			
Department of Pharmacology	Professor	1	0	
	Asst. Professor	1	2	
	Professor	3	0	
	Lecturer			
Department of Pharmacognosy	Professor	1	0	
	Asst. Professor	1	1	
	Professor	2	0	
	Lecturer			

The institute follows a semester wise pattern and mentioned faculty are adequate as mentioned in timetable to conduct the theory and practical's. Total 15 faculty.

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

<b>a. Whether Recruitment Committee has been formed</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>b. Whether Advertisement for vacancy is notified in the Newspapers</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>c. Whether Demonstration Lecture has been conducted</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<b>d. Whether opinion of Recruitment Committee Recorded</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No

**6. Details of Faculty Retention for:**

Name of Faculty Member	Period	Percentage
Prof R N Saha Prof R Mahesh	Duration of 15 year and above	13.33
Dr Hemant Jadhav	Duration of 10 year and above	6.66
Dr S Murugesan Dr Rajeev Taliyan Dr Anil Gaikwad Dr. Sunil Kumar Dubey Dr. Gautam Singhvi Dr. Murali Manohar Pandey	Duration of 5 year and above	40



Dr Atish Paul Dr. Anil Jindal Dr. Deepak Chitkara Dr. Anupama Mittal Dr. Aniruddha Roy Ms Archana Khosa Kakkar	Less than 5 years	40
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### 7. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
Dr. Shwetank Bhat, Dr. Jaipal, Dr. Gautam Singhvi Dr Priti Jain, Mr. Mahaveer Singh	% of faculty retained in last 3 yrs	Yes	No	No	No

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

Sl No.	Designation	Required Number	Required Qualification	Available Number Qualification	Remarks of the Inspectors
1	Laboratory technician	1 for each Dept	D. Pharm	3 D Pharm	
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	6 MA	
3	Office Superintendent	1	Degree	0	
4	Accountant	1	Degree	1 M Com	
5	Store keeper	1	D. Pharm/ Degree	1 MA	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1 Certificate course	
7	First Division Assistant	1	Degree	1 BA	
8	Second Division Assistant	2	Degree	0	
9	Peon	2	SSLC	1 8th	
10	Cleaning personnel	Adequate	---	2 5th standard	
11	Gardener	Adequate	---	1 M Sc	

### 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	Deductions			Bank A/C No
										PT	TDS	EPF	
1	Murali Monohar Pandey	B Pharm, M Tech (Biotech),	Lecturer	28420	0	18473	0	0	0	5627	3267	541	015001500037721
2	Hemant Jadhav	B Pharm, M Pharm, PHD,	Associate Professor	49760	0	32344	0	0	0	9311	10209	541	510897779152
3	Sunil Kumar Dubey	B Pharm, M Pharm, PHD,	Asstt. Professor	28020	0	18213	0	0	0	5548	1209	541	01500110010365
4	Gautam singhvi	B Pharm, M Pharm, PHD,	Asstt. Professor	39140	0	51665	0	0	0	9647	14206	1250	61055602076
5	R MAHESH	B Pharm, PHD,	Professor	68740	0	44681	0	0	0	13430	14962	541	01500100027353
6	S MURUGESAN	B Pharm, M Pharm, PHD,	Asstt. Professor	39140	0	25441	0	0	0	7209	6237	541	61096384172
7	Archana Khosa Kakkar	B Pharm, M Pharm,	Lecturer	27870	0	18116	0	0	0	5518	2301	541	01500110045749
8	Gaikwad Anil Bhanudas	M Pharm, PHD, B Pharm,	Asstt. Professor	48310	0	65702	0	0	8000	25359	19073	1250	153801503105
9	Paul Atish Tulshiram	B Pharm,	Asstt. Professor	41530	0	37377	0	0	0	9469	10144	541	153801503121
10	Rajeev Taliyan	M Pharm, PHD, B Pharm,	Asstt. Professor	38000	0	24700	0	0	0	7524	5089	541	153801502808
11	Ranendra Narayan Saha	B Pharm, PHD, M Pharm,	Professor	80340	0	52221	0	15000	0	15907	33200	541	24451

12	Anil Jindal	B Pharm, M Pharm, PHD,	Asstt. Professor	41530	0	56481	0	0	0	14310	12335	1250	015101562737	AL
13	Deepak Chitkara	M.S. (Pharm.), PHD, B Pharm,	Asstt. Professor	38000	0	38000	0	0	0	8579	5490	541	505086	AL
14	ANUPAMA MITTAL	B Pharm, PHD, M Pharm,	Asstt. Professor	39140	0	39140	0	0	0	8853	6028	541		AS
15	Aniruddha Roy	B Pharm, M Pharm, PHD,	Asstt. Professor	44070	0	58172	0	0	0	12269	15645	0		BH

**10. Whether facilities for Research / Higher studies are provided to the faculty?**

Yes  No

(Inspectors to verify documents pertaining to the above)

**11. Whether faculty members are allowed to attend workshops and seminars?**

Yes  No

(Inspectors to verify documents pertaining to the above)

**12. Scope for the promotion for faculty: Promotions**

Yes  No

**13. Gratuity Provided**

Yes  No

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

Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
Mr. Satyen Sharma	Accountant	M Com	18/02/2014	3		
Prof. S.C. Sivasubramanian	Administrative Officer	Ph D	22/01/1992	25		
Shyam Sundar	Cleaning personnel	5th standard	21/06/2011	6		
Shiv kumar	Cleaning personnel	5th Standard	21/06/2011	6		
Chandra Prakash Soni	Computer Data Operator	Certificate course	24/09/1993	23		
Virender Yadav	First Division Assistant	BA	04/06/2008	9		
Radha Raman Arora	Gardener	M Sc	18/04/2004	13		
Ram Pratap Suthar	Laboratory Technician	D Pharm	31/10/2005	12		
Pushp Lata	Laboratory Technician	B Sc	03/06/2008	9		
Subhash Chandra Rohila	Laboratory Technician	B Sc	09/08/2012	5		
Tara Chand Saini	Laboratory Assistants	MA	21/06/2011	6		
Navin Kumar Rana	Laboratory Assistants	BA	03/06/2008	9		
Laxman Kumar	Laboratory Assistants	10th	21/06/2011	6		
Vishal Gujjar	Laboratory Assistants	12th	21/06/2011	6		
Mukesh Saini	Laboratory Assistants	8th	03/06/2008	9		
Naresh Kumar Saini	Laboratory Assistants	12th	21/06/2011	6		
Giridhar Kunkur	Librarian	MLIS	24/06/2014	03		
Sajjan Kumar	Peon	8th	28/06/2003	14		
Mahender Singh	Steno Grapher	M Com	25/05/1989	28		
Mahender Singh	Store keeper	MA	03/06/2008	9		
Puran Singh	Typiest	12th	21/06/2011	6		

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

Yes  No

Signature of the Head of the Institution

Signature of the Inspectors

**PART V - DOCUMENTATION**

<b>Records Maintained (Essential)</b>			
<b>Sl. No.</b>	<b>Records</b>	<b>Yes/No</b>	<b>Remarks of the Inspectors</b>
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	

Signature of the Head of the Institution

Signature of the Inspectors

**PART - VI**

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

<b>Expenditure in Rs. 2015-2016</b>			<b>Expenditure in Rs. 2016-2017</b>			<b>Expenditure in Rs. 2017-2018</b>			<b>Remarks of the Inspectors*</b>
<b>Total budget sanctioned</b>	<b>Recurring</b>	<b>Non Recurring</b>	<b>Total budget sanctioned</b>	<b>Recurring</b>	<b>Non Recurring</b>	<b>Total budget sanctioned</b>	<b>Recurring</b>	<b>Non Recurring</b>	
1239600	448200	791400	1386100	7261000	6600000	0	0	0	

**Total amount spent on Chemical, Glassware, Equipment's, Books and Journals for the past Three Years**

Total budget allocated	Sanctioned	Incurr ed	Total budget allocated	Sanctioned	Incurr ed	Total budget allocated	Sanctioned	Incurr ed	Remarks of the Inspectors*
Chemicals	1190000	1190000	Chemicals	320000	320000	Chemicals	0	0	
Glassware	0	0	Glassware	0	0	Glassware	0	0	
Equipment	7914000	7914000	Equipment	6600000	6600000	Equipment	0	0	
Books	1913404	140838	Books	2045473	114724	Books	0	0	
Journals	17393000	1340386	Journals	19500000	3421559	Journals	0	0	

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

The institute has common budget and expenditure; the values are given reflect department expenditure.

Signature of the Head of the Institution

Signature of the Inspectors

**PART VII – EQUIPMENT AND APPARATUS**

**1 . Department wise List of Minimum equipment's required for B Pharm**

Department of Pharmacology					
Equipments:					
Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	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	1	1	Yes	
5	Spygmomanometer	5	5	Yes	
6	Stethoscope	5	5	Yes	
7	Permanent Slides for various tissues	0	1	Yes	
8	Models for various organs	0	1	Yes	
9	Specimen for various organs and systems	0	1	Yes	
10	Skeleton and bones	0	1	Yes	
11	Different Contraceptive Devices and Models	0	0	No	
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's 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	0	0	No	
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	

#### Apparatus:

Sl. 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

#### Equipment's:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Microscope with stage micrometer	15	15	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	Microscope with stage and oil immersion objective	20	20	Yes	
12	Sterility testing unit	1	1	Yes	
13	Camera Lucida	15	15	Yes	
14	Eye piece micrometer	15	15	Yes	
15	Stage micrometer	20	20	Yes	
16	Incinerator	1	1	Yes	
17	Moisture balance	1	1	Yes	
18	Heating mantle	15	15	Yes	
19	Flourimeter	1	1	Yes	
20	Vacuum pump	2	2	Yes	
21	Micropipettes (Single and multi channeled)	2	2	Yes	
22	Micro Centrifuge	1	1	Yes	
23	Projection Microscope	1	1	Yes	

#### Apparatus:

Sl. 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

#### Equipment's:

Sl. 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	Suction pumps	6	6	Yes	
7	Muffle Furnace	1	1	Yes	
8	Mechanical Stirrers	10	10	Yes	
9	Magnetic Stirrers with Thermostat	10	10	Yes	
10	Vacuum Pump	1	1	Yes	
11	Digital pH meter	1	1	Yes	
12	Microwave Oven	1	1	Yes	

#### Apparatus:

Sl. 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	40	40	Yes	
5	Arsenic Limit Test Apparatus	20	20	Yes	
6	Nessler's 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's:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Homogenizer	5	5	Yes	
2	Digital balance (10 mg sensitivity)	5	5	Yes	
3	Microscopes	5	5	Yes	
4	Stage and eye piece micrometers	5	5	Yes	
5	Brookfield's viscometer	1	1	Yes	
6	Ball mill	1	1	Yes	
7	Sieve shaker with sieve set	1	1	Yes	
8	Double cone blender	1	1	Yes	
9	Propeller type mechanical agitator	5	5	Yes	
10	Autoclave	1	1	Yes	
11	Steam distillation still	1	1	Yes	
12	Vacuum Pump	1	1	Yes	
13	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	0	0	No	
14	Tablet punching machine	1	1	Yes	
15	Capsule filling machine	1	1	Yes	
16	Ampoule washing machine	1	1	Yes	
17	Ampoule filling and sealing machine	1	1	Yes	
18	Tablet disintegration test apparatus IP	1	1	Yes	
19	Tablet dissolution test apparatus IP	1	1	Yes	
20	Monsanto's hardness tester	1	1	Yes	
21	Pfizer type hardness tester	1	1	Yes	
22	Friability test apparatus	1	1	Yes	
23	Clarity test apparatus	1	1	Yes	
24	Ointment filling machine	1	1	Yes	
25	Collapsible Tube Crimping Machine	1	1	Yes	
26	Tablet coating pan	1	1	Yes	
27	Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control.	10	10	Yes	
28	Digital pH meter	2	2	Yes	
29	All purpose equipment with all accessories	1	1	Yes	
30	Aseptic Cabinet	1	1	Yes	
31	BOD Incubator	2	2	Yes	
32	Bottle washing Machine	1	1	Yes	
33	Bottle Sealing Machine	1	1	Yes	
34	Bulk Density Apparatus	2	2	Yes	
35	Conical Percolator (glass/ copper/ stainless steel)	10	10	Yes	
36	Capsule Counter	2	2	Yes	
37	Energy meter	2	2	Yes	
38	Hot Plate	2	2	Yes	
39	Humidity Control Oven	1	1	Yes	
40	Liquid Filling Machine	1	1	Yes	
41	Mechanical stirrer with speed regulator	2	2	Yes	

42	Precision Melting point Apparatus	1	1	Yes	
43	Tray Drier	1	1	Yes	
44	Distillation Unit	1	1	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Ostwald's viscometer	15	15	Yes	
2	Stalagmometer	15	15	Yes	
3	Desiccator	5	5	Yes	
4	Suppository moulds	20	20	Yes	
5	Buchner Funnels Small, medium, large	0	0	No	
6	Filtration assembly	1	1	Yes	
7	Permeability Cups	5	5	Yes	
8	Andreason's Pipette	3	3	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:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Orbital shaker incubator	1	1	Yes	
2	Lyophilizer (Desirable)	1	1	Yes	
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)	0	0	No	
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:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Colorimeter	1	1	Yes	
2	Digital pH meter	1	1	Yes	
3	UV- Visible Spectrophotometer	1	1	Yes	
4	Flourimeter	1	1	Yes	
5	Digital Balance (1mg sensitivity)	1	1	Yes	
6	Nephelo Turbidity meter	1	1	Yes	
7	Flame Photometer	1	1	Yes	
8	Potentiometer	1	1	Yes	
9	Conductivity meter	1	1	Yes	
10	Fourier Transform Infra Red Spectrometer (Desirable)	1	1	Yes	
11	HPLC	1	1	Yes	
12	HPTLC (Desirable)	1	1	Yes	
13	Atomic Absorption and Emission spectrophotometer (Desirable)	1	1	Yes	
14	Biochemistry Analyzer (Desirable)	1	1	Yes	

15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	1	1	Yes	
16	Deep Freezer (Desirable)	1	1	Yes	
17	Ion- Exchanger	1	1	Yes	
18	Lyophilizer (Desirable)	1	1	Yes	

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 obserations if not compiled

Signature of Inspectors:	1.
	2.

**Note:**

1. The Inspection Team is instructed to physically verify the details and records filled up by the college in the application form submitted by the college, which is with you now and record the observations, opinions and recommendations in clear and explicit terms.
2. The team is requested to record their comments only after physical verification of records and details.

**Signature of the Head of the Institution**

**Signature of the Inspectors**