

PHARMACY COUNCIL OF INDIA

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

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

(SIF-B-1)

To be filled up by P.C.I

To be filled up by inspectors

Inspection No. :

Date of Inspection:

FILE No.

**NAME OF THE INSPECTORS: 1.
(IN BLOCK LETTERS)
2.**

PART-1

A-GENERAL INFORMATION

A - I.1

Name of the Institution School of Pharmaceutical Sciences, Vels University(VISTAS)
Complete Postal address: Velan Nagar P.V.Vaithiyalingam Road, Pallavaram CHENNAI
- 600 117
Telephone Number with STD Code 044 22662501
Fax No 22662513
Email vistas@velsuniv.ac.in
Year of starting of the course 1993
Status of the course conducting body University
(Enclose copy of Registration documents of Society/Trust)

A - I.2

Name of the Society/Trust/Management Vels Institute of Science and Technology Advanced Studies
VISTAS
(attach documentary evidence)
Address Velan Nagar, P.V.Vaithiyalingam Road, Pallavaram, Chennai
- 600117
Telephone Number with STD Code 044 22662501
Fax No 22662503
Email vistas@velsuniv.ac.in
Website www.velsuniv.ac.in

A - I.3

Name of the Person to be contacted by phone Dr.P.Shanmugasundaram
Designation Director
Address School of Pharmaceutical Sciences, Vels University
(VISTAS), Velan Nagar, P.V.Vaithiyalingam Road,
Pallavaram, Chennai

STD Code 044
Telephone Number
Office 22662500
Residence 22662502
Mobile 9840126575
Fax No 22662513
Email director.sps@velsuniv.ac.in

A - I.4

Name of the Head of the Institution Dr.A.R.Veeramani
Address Registrar, Vels University (VISTAS), Velan Nagar,
 P.V.Vaithiyalingam Road, Pallavaram, Chennai - 600117

Signature of the Head of the Institution

Signature of the Inspectors

A - I.5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. DETAILS OF AFFLIATION FEE PAID

Name of the Course	Affiliation Fee Paid Upto	Receipt No.	Dated	Remarks of the Inspectors
B Pharm	2017-18	035664	10/06/2016	

b. APPROVAL STATUS

Name of the Course	Approved Upto	Intake Approved and Admitted	PCI	State Govt	University	Remarks of the Inspectors
B Pharm	2016-2017	Approved Letter No & Date	17-1/2012-PCI-60198-388 dated 12.10.2012	G.O.(MS)No.45 dated 06.02.2007	MHRD F.9-56/2004-U.3 dated 04.06.2008	
		Approved Intake	100	100	100	
		Actually Admitted	100	G.O.(MS)No.45 dated 06.02.2007	MHRD F.9-56/2004-U.3 dated 04.06.2008	

c. STATUS OF APPLICATION

COURSES INSPECTED FOR				
Course	Extension of Approval	Increase in Intake of Seats	Current Intake	Proposed increase in Intake
B Pharm	Yes	No	100	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	Yes

Examining Authority:

Degree Course

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

The Registrar, VELS University, School of Pharmaceutical Sciences, Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117.

Signature of the Head of the Institution

Signature of the Inspectors

B - DETAILS OF THE INSTITUTION**B - I.1**

Name of the Principal

Dr.P.Shanmugasundaram

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	15 years	
	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 Pharm	28/04/2014	Nil	Yes	No

* Enclose Documents

B - I.3

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

B - I.4**Pay Scales**

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

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

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
Sanctioned	100	100	100
No. of Admissions	99	100	100
Unfilled Seats	1	0	0
No of Excess Admission	0	0	0

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

ACADEMIC YEAR	2014-2015	2015-2016	2016-2017
1st Year	78	83	
2nd Year	65	73	
3rd Year	80	68	
Final Year	75	82	
Pass % (Final Year)	100	100	

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

Whether college has NSS Unit	Yes
If no give reasons	
NSS Program Officer's Name	MrSSenthilkumar
Programme Conducted Details	Conducted Blood donation camp and Medical camp.
Whether students participating in University level cultural	Yes

activities/Co-curricular/Sports activities	
Physical Instructor	Available
Sports Ground	Shared

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	46809955.00	1.	Building	0.00	
3.	Library Fee	0.00	2.	Equipment	69563.00	
4.	Sports Fee	0.00	3.	Others	590280.00	
5.	Union Fee	0.00	REVENUE EXPENDITURE			
6.	Others	4447012.00	1.	Salary	23442480.00	
			2.	Maintenance Expenditure		
				i. College	0.00	
				ii. Others	117962.00	
			3.	University Fee	0.00	
			4.	Apex Bodies Fee	650000.00	
			5.	Government Fee	0.00	
			6.	Deposit held by the College	0.00	
			7.	Others	2075695.00	
			8.	Misc. Expenditure	16836096.00	
	Total	51256967.00		Total	43782076.00	

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 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 Enclosed**
- i) Approved Building plan, sale deed to be enclosed
- e. Total Built Area of the college building in sq. mts Built up Area 7910**
- Amenities and Circulation Area 4636**

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.Pharm	06	6	90 sq. mts each (Desirable) 75 sq. mts each (Essential)	120	

[* To accommodate 100 students]

3. Laboratory requirement at the end of 4 Years

Sl.No.	Infrastructure for	Requirement As Per Norms	Available No.	Area in Sq. mts	Remarks or Deficiency
1	Laboratory Area for B.Pharm Course	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	16	1920	
2	Pharmaceutics	03 Laboratories	3	360	
3	Pharmaceutical Chemistry	02 Laboratories	3	360	
4	Pharmaceutical Analysis	01 Laboratory	1	110	
5	Pharmacology	02 Laboratories	2	413	
6	Pharmacognosy	01 Laboratories	2	290	
7	Pharmaceutical Biotechnology	01 Laboratory	2	220	
	Total no. laboratories for B.Pharm course	10 Laboratories	13	1753	
8	Preparation Room for each lab	10 sq mts (minimum)	5	50	
9	Area of the Machine Room	80-100 Sq.mts	1	80	
10	Central Instrumentation Room	80 Sq.mts with A/ C	1	150	
11	Store Room I	1 (Area 100 Sq mts)	1	60	
12	Store Room II (For inflammable chemicals)	1 (Area 20 Sq mts)	1	60	

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

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	30	
2	Office - I - Establishment	01	60 Sq. mts	1	85	
3	Office - II - Academics			1	85	
4	Confidential Room			1	85	

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	5	80	
2	Faculty Rooms for B.Pharm course		10 Sq. mts x n (n=No. of teachers)	5	50	

6. Museum, Library, Animal 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	85	
2	Library	01	150 Sq. mts	1	1400	
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	200	
5	Seminar Hall	01		1	200	
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	22	

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	1	60	
2	Boy's Common Room (Essential)	01	60 Sq. mts	1	60	
3	Toilet Blocks for Girls	01	24 Sq. mts	2	60	
4	Toilet Blocks for Boys	01	24 Sq. mts	2	60	
5	Drinking Water facility - Water cooler (Essential)	01	--	2	5	
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	1	500	
7	Girls's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20 Sq.mts/Room (Triple occupancy)	1	500	
8	Power Backup Provision (Desirable)	01	--	1	20	

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)	1	170	
Computer (Latest Configuration)	1 system for every 10 students	82	170	
Printers	1 Printer for every 10 computers	4	5	
Multi Media Projector	01	4	5	
Generator (5KVA)	01	1	20	

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	150		
Staff Quarters	16 x 80 Sq. mts	2	185		
Canteen	100 Sq. mts	1	180		
Parking Area for staff and students		2	500		
Bank Extension Counter		1	10		
Cooperative Stores		0	0		
Guest House	80 Sq. mts	1	110		
Transport Facility for students		0	0	Yes	
Medical Facility(First Aid)		1	50	Yes	

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	2000 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	3260	11176	
2	Annual Addition of Books		150 to 200 books per year	89	369	
3	Periodicals Hard Copies/Online		10 National 05 International periodicals	50	50	
4	CDS		Adequate Nos	16	68	
5	Internet Browsing Facility		Yes/No (Minimum ten Computers)	Available		
6	Reprographic Facilities: Photo Copier Fax Scanner		01 01 01	Available Available Available		
7	Library Automation and Computerized System			Available		
8	Library timings			8.00a.m. to 8.00p.m.		

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	Practical	Remarks of the Inspectors
B. Pharm	15:1	15:1	

2. Scheme of B. Pharm Course:**Semester****3. Date of Commencement of session/ sessions :**

Commencement	Completion
01/07/2015	31/05/2016

4. Vacation

	No of Days		No of Days
Summer :	34	Winter :	40

5. Total No. of working days

212

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	
Basic Electronics & Computer Application	3	3	3	3	6	
Pharmaceutical chemistry - I (Inorganic)	3	3	3	3	6	

chemistry)						
Pharmaceutical Analysis I	3	3	3	3	6	
Pharmacognosy I	3	3	3	3	6	
Remedial Mathematics	3	3	0	0	3	
Remedial Biology	3	3	3	3	6	
Anatomy, Physiology & Health Education-I	3	3	3	3	6	
Pharmaceutical chemistry-II(Physical Chemistry)	3	3	3	3	6	
Pharmaceutical chemistry-III(Organic chemistry-I)	3	3	3	3	6	
Advanced Mathematics	3	3	0	0	3	
Physical pharmacy	3	3	3	3	6	
Basic Electronics & Computer Application	3	3	3	3	6	
Pharmaceutical chemistry - I (Inorganic chemistry)	3	3	3	3	6	
Pharmaceutical Analysis I	3	3	3	3	6	
Pharmacognosy I	3	3	3	3	6	
Remedial Mathematics	3	3	0	0	3	
Remedial Biology	3	3	3	3	6	
Anatomy, Physiology & Health Education-I	3	3	3	3	6	
Pharmaceutical chemistry-II(Physical Chemistry)	3	3	3	3	6	
Pharmaceutical chemistry-III(Organic chemistry-I)	3	3	3	3	6	
Advanced Mathematics	3	3	0	0	3	
Physical pharmacy	3	3	3	3	6	

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	
Anatomy physiology & Health Education - II	3	3	3	3	6	
Pharmaceutical chemistry IV (Organic chemistry II)	3	3	3	3	6	
Pharmaceutical Analysis II	3	3	3	3	6	
Pharmacognosy -II	3	3	3	3	6	

Pharmaceutics II (Unit operations I)	3	3	3	3	6	
Pharmaceutics III (Unit operations II)	3	3	3	3	6	
Pharmaceutical microbiology	3	3	3	3	6	
Pharmaceutics IV (Dispensing & community pharmacy)	3	3	3	3	6	
Pathophysiology of common diseases	3	3	0	0	3	
Pharmacognosy III	3	3	3	3	6	
Anatomy physiology & Health Education - II	3	3	3	3	6	
Pharmaceutical chemistry IV (Organic chemistry II)	3	3	3	3	6	
Pharmaceutical Analysis II	3	3	3	3	6	
Pharmacognosy -II	3	3	3	3	6	
Pharmaceutics II (Unit operations I)	3	3	3	3	6	
Pharmaceutics III (Unit operations II)	3	3	3	3	6	
Pharmaceutical microbiology	3	3	3	3	6	
Pharmaceutics IV (Dispensing & community pharmacy)	3	3	3	3	6	
Pathophysiology of common diseases	3	3	0	0	3	
Pharmacognosy III	3	3	3	3	6	

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	
Biochemistry	3	3	3	3	6	
Pharmaceutical Technology	2	2	3	3	5	
Pharmacognosy-IV	3	3	3	3	6	
Pharmacology-I	3	3	3	3	6	
Medicinal Chemistry-I	3	3	3	3	6	
Bio Pharmaceutics, Pharmacokinetics	3	3	3	3	6	
Pharmacognosy-V	3	3	3	3	6	
PJuril Prudenced Ethics	2	2	0	0	2	
PChemistry-VII	3	3	3	3	6	
Medicinal Chemistry-II	3	3	3	3	6	
Pharmacology-II	3	3	3	3	6	
Biochemistry	3	3	3	3	6	
Pharmaceutical Technology	2	2	2	2	4	
Pharmacognosy-IV	3	3	3	3	6	

Pharmacology-I	3	3	3	3	6	
Medicinal Chemistry-I	3	3	3	3	6	
Bio Pharmaceutics, Pharmacokinetics	3	3	3	3	6	
Pharmacognosy-V	3	3	3	3	6	
P'Juril Prudenced Ethics	2	2	0	0	2	
P'Chemistry-VII	3	3	3	3	6	
Medicinal Chemistry-II	3	3	3	3	6	
Pharmacology-II	3	3	3	3	6	

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	
Advanced Pharmacognosy	3	3	3	3	6	
Modern Method of Pharmaceutical Analysis	3	3	3	3	6	
Pharmaceutical Biotechnology	3	3	3	3	6	
Formulative Pharmacy & Biopharmaceutics	3	3	3	3	6	
Pharmacology-II	3	3	3	3	6	
Medicinal Chemistry - II	3	3	3	3	6	
Advanced Pharmacognosy	3	3	3	3	6	
Modern Method of Pharmaceutical Analysis	3	3	3	3	6	
Pharmaceutical Biotechnology	3	3	3	3	6	
Formulative Pharmacy & Biopharmaceutics	3	3	3	3	6	
Pharmacology-II	3	3	3	3	6	
Medicinal Chemistry - II	3	3	3	3	6	

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 three years

Name of the Event	2014-2015	2015-2016	2016-2017
Guest Lectures	2	4	0
Seminars	1	1	1
Workshops	0	2	0
Symposia	0	0	1

B. Papers Presented/Published during last 3 years

5	Dr. M Vijey Aanandhi	Inorganic Chemistry Pharmaceutical Chemistry V Medicinal Chemistry I	3 0	6 0	0 0	0 0	0 0	0 3	0 6	0 0	0 0	9 9	
6	Dr. Malarkodivelraj	Pharmaceutical Chemistry VI Chemistry of Natural p Pharmacognosy I Pharmacognosy III	0 0 0	0 6 0	0 0 3	0 0 6	0 0 0	0 0 0	0 0 0	3 0 0	6 0 0	9 6 9	
7	Dr. NATARAJAN	Dosage form Design Pharmaceutics VIII Pharmaceutical Technology II	0 0	0 0	2 0	6 0	0 0	0 0	0 0	0 3	0 6	8 9	
8	Dr. Nithya S	Pharmacology I	0	0	0	0	0	0	0	0	0	0	
9	Dr. POORNIMA	Hospital Pharmacy Pharmacotherapeutics II	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
10	Dr. S Sathesh Kumar	Pharmaceutical Formulation	0	0	0	0	0	0	0	0	0	0	
11	Dr. Sankar ASK	Pharmaceutical Analysis I Pharmaceutical Analysis III	6 0	6 0	0 0	0 0	0 0	0 0	0 0	0 3	0 6	12 9	
12	Dr. SARAVANAKUMAR	Pharmaceutical Inorganic Chemistry	0	0	0	0	0	0	0	0	0	0	
13	Dr. Senthilkumar S	Biopharmaceutics & pharmacokinetics	0	0	0	0	0	0	0	0	0	0	
14	Dr. Shanmugapriya E	Medicinal Biochemistry	0	0	0	0	0	0	0	0	0	0	
15	Dr. SHANMUGARAJAN T S	Biopharmaceutics and Pharmacokinetics Dispensing and community pharmacy Pharmaceutical Microbiology Pharmaceutical Microbiology Pharmaceutical Technology	0 0 0 0 0	0 0 0 0 0	0 0 2 2 0	0 6 6 0 0	0 0 0 0 0	0 0 0 0 6	3 0 0 0 0	0 0 0 0 0	0 0 0 0 0	3 6 8 8 6	
16	Dr. Shanmugasundaram P	Pharmaceutical Organic Chemistry	0	0	0	0	0	0	0	0	0	0	
17	Dr. Somasundaram I	Biopharmaceutics and Pharmacokinetics Pharmaceutical Microbiology Pharmaceutical Technology I Unit Operations I	0 0 0 0	0 0 0 0	0 2 0 2	0 6 0 0	0 0 3 0	0 0 6 0	3 0 6 0	0 0 0 0	0 0 0 0	3 8 9 2	
18	Dr. SOWMYALAKSHMI V	Biochemistry Inorganic Chemistry	0 3	0 6	0 0	0 0	6 0	6 0	0 0	0 0	0 0	12 9	
19	Dr. SUBHASHINI V	Anatomy, Physiology Health Education II Pharmacology III	3 0	6 0	0 0	0 0	0 0	0 0	0 0	0 6	0 6	9 12	

20	Dr. Sumithra M	Pharmceutical Analysis	0	0	0	0	0	0	0	0	0	0	0	0
21	Dr. SUSITHRA E	Remidial Biology	0	0	0	0	0	0	0	0	0	0	0	0
22	Dr. VAISHALI S	Pharmacognosy II Physical Pharmacy II	0 3	0 6	6 0	6 0	0 0	0 0	0 0	0 0	0 0	0 0	12 9	
23	Dr. VIJAYALAKSHMI A	Chemistry of Natural Products Pharmacognosy III Pharmacognosy IV	0 0 0	0 0 0	0 3 0	0 6 0	0 0 0	0 0 6	3 0 0	6 0 0	0 0 0	0 0 0	9 9 6	
24	Miss. GEETHA P	Pharmacoepidemiology & Pharmacoeconomics Pharmacotherapeutics-III	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
25	Miss. JAYASHREE V	Pharmacology - II	0	0	0	0	0	0	0	0	0	0	0	
26	Miss. MAHESWARI P	Clinical Pharmacy Pharmacotherapeutics Physical Pharmacy II	0 3	0 6	0 0	0 0	0 0	0 0	0 3	3 12	0 0	0 0	15 9	
27	Mr. ARUNSUNDAR	Pharmceutical Microbiology	0	0	0	0	0	0	0	0	0	0	0	
28	Mr. ASHOKKUMAR M	Clinical Pharmacy Community Pharmacy Hospital Pharmacy	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
29	Mr. BINOY VARGHESE CHERIYAN	Medicinal chemistry I Organic Chemistry Organic Chemistry II	0 0 0	0 0 0	0 3 3	0 0 6	3 0 0	6 0 0	0 0 0	0 0 0	0 0 0	0 0 0	9 3 9	
30	Mr. KAMALRAJ	Pharmaceutical Technology II Pharmaceutical Analysis II Pharmaceutical Jurisprudence AND Ethics Unit Operations I	0 3 0 0	0 6 0 0	0 0 0 0	0 0 3 0	0 0 0 0	0 0 0 0	0 0 3 0	6 0 0 0	0 0 0 0	0 0 0 0	6 9 3 3	
31	Mr. KUMARAGURU A	Clinical Pharmacy Pharmacotherapeutics Hospital Pharmacy Pharmaceutical industrial managment Pharmacognosy II Remedial Biology Unit Operations II	0 0 0 0 0 2 0	0 0 0 0 0 4 0	0 0 0 6 0 0 6	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 0 2 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	3 2 2 6 6 6	
32	Mr. RAMESH G	physical Pharmacy I Therapeutic Drug Monitoring AND Bioavailability	3 0	3 0	0 0	0 0	0 0	0 0	0 3	0 0	0 0	0 0	6 3 8	

45	Mrs. VAHEEDA RAHMAN	Pharmacognosy I Pharmacology II	6 0	6 0	0 0	0 0	0 3	0 6	0 0	0 0	12 9
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13. Percentage of students qualified in GATE in the last Three Years

Details	Year : 2014-2015	Year : 2015-2016	Year : 2016-2017
No of Students Appeared	4	3	0
No of Student Qualified	2	1	0
Percentage	50	34	0

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

Events	Details For the previous Year
No of Industrial Visits	3
Industrials Tour	1
Industrial Training	1
No of resource persons from the Industry for Guest Lectures	20
No. of collaboration projects with Industry	4

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

Details	Year : 2014-2015	Year : 2015-2016	Year : 2016-2017
No of Students Appeared for campus interview	25	41	0
% Percentage	72	60	0

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

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	P.Shanmugasundaram	Director	M Pharm, PHD, B Pharm,	08/09/2005	15	4327A1		
2	Malarkodivelraj	Associate Professor	M Pharm, B Pharm,	06/06/2005	11.2 + 3.9	1281A1		
3	D.Jose Prakash	Asstt. Professor	M Pharm, B Pharm,	28/08/2008	8.0 + 0.0	10216A1		
4	Sumithra M	Asstt. Professor	B Pharm, M Pharm,	04/09/2008	8.0 + 0.0	5427A1		
5	Somasundaram I	Asstt. Professor	B Pharm, M Pharm,	20/07/2007	9.1 + 0.0	8141A1		

6	M Vijey Aanandhi	Professor	M Pharm, B Pharm,	15/07/2002	14.1 + 2.0	5255A1		
7	S Satheesh Kumar	Professor	M Pharm, PHD, B Pharm,	02/07/2010	6.2 + 10.2	3158A1		
8	P. Sumathy	Asstt. Professor	B Pharm, M Pharm,	01/07/2015	11 + 0.0	2067A1		
9	Keerthi G.S.Nair	Asstt. Professor	B Pharm, M Pharm,	04/01/2016	01 + 0.0	38125		
10	M.Sekar Babu	Professor	B Pharm, M Pharm,	12/09/2013	30.00 + 0.0	557A1		
11	Binoy Varghese Cheryian	Assoc. Professor	B Pharm, M Pharm., PH.D	01/07/2016	11.0 + 0.0	10697A1		
12	A.S.K.Sankar	Assoc. Professor	B Pharm, M Pharm,	03/08/2011	14.0 + 0.0	1856A1		
13	C.N.Hemalatha	Asstt. Professor	B Pharm, M Pharm,	05/08/2015	1.0 + 0.0	13147A1		
14	R.Kamalraj	Asstt. Professor	B Pharm, M Pharm., PH.D	05/10/2015	1.5 + 0.0	12250A1		
15	V.Sowmyalakshmi	Asstt. Professor	B Pharm, M Pharm., PH.D	14/07/2016	04.00 + 0.0	3845A1		
16	Mohamed Zerine Fathima	Asstt. Professor	B Pharm, M Pharm,	28/01/2015	01.5 + 0.0	16493A1		
17	V.Santhosh Kumar	Professor	B Pharm, M Pharm., PH.D	21/11/2013	9.1 + 0.0	4775A1		
18	S.Nithya	Asstt. Professor	B Pharm, M Pharm,	28/04/2010	07 + 0.0	13990A1		
19	V.Jayashree	Asstt. Professor	B Pharm, M Pharm,	17/02/2014	3.0 + 0.0	13376A1		
20	Vaishali.S	Asstt. Professor	Pharm.D,	04/01/2016	1.00 + 0.0	63		
21	A.Vijayalakshmi	Assoc. Professor	B Pharm, M Pharm.,PH.D	22/08/2014	07.0 + 0.0	3947A1		
22	S.Dhanalakshmi	Asstt. Professor	B Pharm, M Pharm,	07/10/2015	03.00 + 0.0	11848A1		
23	Varaprasana Rao	Asstt. Professor	Pharm.D,	07/09/2016	1.5 + 0.0	50		
24	A.Kumaraguru	Asstt. Professor	B Pharm, M Pharm,	01/07/2016	1.00 + 0.0	7706A1		
25	T.S.Shanmugarajan	Professor	B Pharm, M Pharm, PH.D	14/08/2013	16.0 + 0.0	21665 A1		

2. Qualification and Number of Staff Members

Qualification				
B Pharm	M Pharm	PhD	Others	
	15	10	3	Part Time

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

	No.of Staff required	Available
Pharmaceutical Chemistry	07	7
Pharmaceutical Analysis	02	2
Pharmacology	04	4
Pharmacognosy	04	4
Pharmaceutics	06	6
Pharmacy Practice	01	1
Principal	01	1
Total	25	25
Part Time teaching staff	03	3
Remarks of the Inspection Team		
*Part time teaching staff for Mathematics, Biology and Computer Science should 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 the Inspection team
Department of Pharmaceutics	Professor	1	2	
	Asst. Professor	2	2	
	Lecturer	3	2	
Department of Pharmaceutical Chemistry	Professor	1	2	
	Asst. Professor	3	3	

	Lecturer	3	2	
Department of Pharmacology	Professor	1	1	
	Asst. Professor	2	2	
	Lecturer	1	1	
Department of Pharmacognosy	Professor	1	1	
	Asst. Professor	1	1	
	Lecturer	2	2	
Department of Pharmacy Practice	Asst. Professor	1	1	
	Lecturer	1	1	
Department of Pharmaceutical Analysis	Asst. Professor	1	1	
	Lecturer	1	1	

5. Selection criteria and Recruitment Procedure for Faculty

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

6. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
1.Dr.S.Jayakumari	Duration of 15 year and above	3.2%
1.Dr.M.Vijey Aanandhi 2.Dr.P.Shanmuga Sundaram 3. Dr. Malarkodi Velraj	Duration of 10 year and above	10%
1.Dr.T.S.Shanmugarajan 2.Dr.S.Satheeshkumar 3.Mr.A.S.K,Sankar 4.Mr.I.Somasundaram 5.Dr.D.Jose Prakash	Duration of 5 year and above	13%
1.Ms.M.Sumithra, 2. Ms.P.Maheswari 3.Mr. Sekar Babu . M 4.Dr.VSowmya Lakshmi 5.Dr.Binoy Varghese Cheriyan 6.Dr.A.Vijayalakshmi 7.Mr. Kumara Guru . A 8.Dr.S.Vaishali 9.Mr.V.Thyagarajan 10.Dr. D. Natarajan 11. Mrs.P. Sumathy 12. Mr. G. Ramesh 13. Mrs. Vaheeda Rahman 14.Mr. SK.Shahul Kamal 15.Mrs.C.N.Hemalatha 16.Mrs.Mohamed Zerine Fatima 17.Mr.R.Kamal Raj 18. Dr.V.Subashini 19. Mrs.K.Manjula Devi 20. Mrs. M.Kousalya	Less than 5 years	74%

7. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
1.Mr.B.Senthilnathan 2.Mr. Sekar Babu . M 3.Prof.Prathima Mathur 4.Ms.Sumithra Mohan 5.Ms.Sumithra Mani 6.Ms.Shanmuga Priya 7.Mr.K.Srinivasan 8.Mr.B.Venkatachalam 9. Dr.VSowmya Lakshmi 10.Dr.Binoy Varghese Cheriyan 11.Dr.A.Vijayalakshmi 12.Mr. Kumara Guru . A 13.Dr.S.Vaishali 14.Mr.V.Thyagarajan	% of faculty retained in last 3 yrs	No	Yes	No	No

8. Number of Non-teaching staff available for B. Pharm course for intake of 100 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 D Pharm	
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	5 HSC	
3	Office Superintendent	1	Degree	1	
4	Accountant	1	Degree	3 B A	
5	Store keeper	1	D. Pharm/ Degree	1 B Com	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1 BA	
7	Office Staff I	1	Degree	1	
8	Office Staff II	2	Degree	2 System Analyst BCom	
9	Peon	2	SSLC	2 SSLC	
10	Cleaning personnel	Adequate	---	5 0	
11	Gardener	Adequate	---	1 5th	

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

S.No.	Name	Qualification	Designation	Basic Pay	D. P.	DA	HR A	CCA & Additional Pay	Other Allowances	Deductions			Bank A/C No	PAN No	EPF A/C No	Total	Signature
										PT	TD S	EP F					
1	Jayakumari	PHD, M Pharm, B Pharm,	Professor	43381	0	17352	3200	600	0	0	0	780	8301010019309	AHCPJ3163E	TN/36657/61	63753	
2	Malarkodivelraj	M Pharm, B Pharm,	Associate Professor	24518	0	9807	0	0	0	0	0	780	083010100731980	0	0	33545	
3	Shanmugasundaram P	B Pharm, M Pharm, PHD,	Principal/Director	29483	0	11793	0	0	0	0	400	780	83010100260084	BCBPS2832N	0	40096	
4	Jose Prakash	M Pharm, B Pharm,	Asstt. Professor	16879	0	6752	0	0	0	780	0	0	83010100652520	0	0	22851	
5	Somasundaram I	B Pharm, M Pharm,	Asstt. Professor	17420	0	6968	0	0	0	0	0	780	83010100544474	0	0	23608	
6	Shanmugapriya E	B Pharm, M Pharm,	Associate Professor	19043	0	7617	0	0	0	780	0	0	910010011503874	0	0	25880	
7	Sumithra M	B Pharm, M Pharm,	Asstt. Professor	16879	0	6752	0	0	0	780	0	0	083010100652261	0	0	22851	
8	M Vijey Aanandhi	M Pharm, B Pharm,	Professor	43381	0	17352	3200	600	0	0	500	780	83010100030199	AEUPV8402M	TN/36657/142	63253	
9	Nithya S	M Pharm, B Pharm,	Asstt. Professor	16550	0	6620	0	0	0	780	0	0	910010025582069	0	0	22390	
10	S Sathesh Kumar	M Pharm, PHD, B Pharm,	Professor	43381	0	17352	3200	600	0	780	700	0	190010028150456	APYPS5183H	0	63053	
11	NATARAJAN	B Pharm, M Pharm, PHD,	Professor	37400	0	14960	3200	0	600	0	0	0		ANTXY2314B		56160	
12	POORNIMA	M Pharm, B Pharm,	Asstt. Professor	17438	0	6975	0	0	0	0	0	0	910010028149964	AXMPP3830C	0	24413	
13	Sankar ASK	B Pharm, M Pharm,	Associate Professor	24517	0	9807	0	0	0	0	0	0	911010039015680	AXFPS8930D	0	34324	
14	Senthilkumar S	B Pharm, M Pharm,	Asstt. Professor	18502	0	7400	0	0	0	0	0	0	911010039015237	BBPPS4703R	0	25902	

(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 No

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

Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
Joyce Roy	Laboratory Technician	D Pharm	01/07/2002	11		
Hilda	Laboratory Technician	DMLT	02/07/2008	5		
Ramadoss.P	Laboratory Technician	D Pharm	04/09/2000	12		
Vilochanan Thampi.S	Librarian	MA MLIS M Phil	25/05/2000	13		
Kannan.S	Laboratory Assistants	HSC	16/01/1996	17		
Mohanavel.V	Laboratory Assistants	HSC	26/07/2000	12		
Raghavendran.V	Laboratory Assistants	HSC	11/08/2004	8		
Selvam.S	Laboratory Assistants	8th	01/07/1996	17		
Arputham.R	Cleaning personnel	0	17/07/1995	18		
Rajamani.R	Cleaning personnel	0	18/03/1995	18		
Suganthi.S	Accountant	B A	02/09/2004	8		
Mohanraj.S	Second Division Assistant	System Analyst BCom MCSE	15/07/2009	4		
Gopalakrishnan.A	Laboratory Technician	B Sc MA	08/12/2008	4		
Shanthi.N	Laboratory Technician	B Sc	01/09/1994	18		
Rajendran.K	Cleaning personnel	SSLC	01/12/1994	18		
Guruvaiah	Gardener	5th	10/09/1995	18		
Indreshu.R	Store keeper	B Com	01/07/2013	01		
Kannan.E	Cleaning personnel	SSLC	16/01/1996	15		
Subhramaniyan.Y	Administrative Officer	MSc MBA	12/09/2014	2		
Kalyanakumar.B	Accountant	MCom ICWA	20/01/2014	2		
Sankari.A	Second Division Assistant	B Com	12/07/1999	17		
Kumar.V	Computer Data Operator	BA	14/12/2005	10		
Manikandan.J	Librarian	Asst Lib MCom MLIS	14/07/2014	2		
Nithya Kalyani.K	Laboratory Technician	BSc	28/08/2014	2		
Sudha.S	Laboratory Technician	BSc	02/01/2014	2		

Esther Elizabeth.G	Laboratory Technician	MSc	28/05/2014	2		
Gopalakrishna.K	Laboratory Assistants	HSC	22/02/2014	2		
Saravanan.V	Peon	SSLC	04/04/2014	2		
Dhanaprabha.S	Accountant	B Com	12/03/2012	4		
Suseela.S	Cleaning personnel	0	14/06/2014	11		
Saravanan.R S	Peon	SSLC	07/10/1996	19		

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

Signature of the Head of the Institution

Signature of the Inspectors

PART V - DOCUMENTATION

Records Maintained (Essential)			
Sl. 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	Acquittance 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)

Expenditure in Rs. 2014-2015			Expenditure in Rs. 2015-2016			Expenditure in Rs. 2016-2017			Remarks of the Inspectors*
Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	
1824000	719200	1104800	2500000	2238000	262000	2625000	2350000	275000	

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

(Enclose purchase invoice)

Total budget allocated	Sanctioned	Incurr ed	Total budget allocated	Sanctioned	Incurr ed	Total budget allocated	Sanctioned	Incurr ed	Remarks of the Inspectors*
Chemicals	100000	44702	Chemicals	0	52437	Chemicals	75000	0	
Glassware	0	0	Glassware	0	184019	Glassware	250000	0	
Equipment	0	122325	Equipment	0	109997	Equipment	150000	0	
Books	0	10907	Books	0	371992	Books	500000	0	
Journals	0	0	Journals	0	0	Journals	0	0	

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

Signature of the Head of the Institution

Signature of the Inspectors

PART VII - EQUIPMENT AND APPARATUS

1 . Department wise List of Minimum equipments required for B Pharm (for a batch of 20 students)

Department of Pharmacology					
Equipments:					
Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Microscopes	20	20	Yes	
2	Haemocytometer with Micropipettes	20	20	Yes	
3	Sahli's haemocytometer	20	15	Yes	
4	Hutchinson's spirometer	1	1	Yes	
5	Sphygmomanometer	10	10	Yes	
6	Stethoscope	10	10	Yes	
7	Permanent Slides for various tissues	1 pair of each tissue	60	Yes	
8	Models for various organs	1 model of each organ	1 model of each organ	Yes	
9	Specimen for various organs and systems	1 model of each organ	1 model of each organ	Yes	

10	Skeleton and bones	1 set of Skeleton	1 set of Skeleton	Yes	
11	Different Contraceptive Devices and Models	1 set of each device	1 set of each device	Yes	
12	Muscle electrodes	1	4	Yes	
13	Lucas moist chamber	1	1	Yes	
14	Myographic lever	1	1	Yes	
15	Stimulator	1	6	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	15	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 number	4	Yes	
26	Actophotometer	1	2	Yes	
27	Rotarod	1	2	Yes	
28	Pole climbing apparatus	1	1	Yes	
29	Analgesimeter (Eddy's hot plate and radiant heat methods)	1	4	Yes	
30	Convulsimeter	1	1	Yes	
31	Plethysmograph	1	2	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	65	Yes	
2	Dissection Tray and Boards	10	20	Yes	
3	Haemostatic artery forceps	10	15	Yes	
4	Hypodermic syringes and needles of size 15,24,26G	10	10	Yes	
5	Levers, cannulae	20	15	Yes	

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

Department of Pharmacognosy

Equipments:

Sl. 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	1	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	0	No	
16	Heating mantle	20	18	Yes	
17	Flourimeter	1	1	Yes	
18	Vacuum pump	2	1	Yes	
19	Micropipettes (Single and multi channeled)	5	5	Yes	

20	Micro Centrifuge	1	1	Yes	
21	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

Equipments:

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	10	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	No	
9	Mechanical Stirrers	10	10	Yes	
10	Magnetic Stirrers with Thermostat	10	8	Yes	
11	Vacuum Pump	1	2	Yes	
12	Digital pH meter	1	1	No	
13	Microwave Oven	2	2	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	25	Yes	
3	Reflux flask and condenser double / triple necked	20	20	No	
4	Burettes	100	100	Yes	
5	Arsenic Limit Test Apparatus	25	25	Yes	
6	Nessler's 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:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Mechanical Stirrer	20	10	Yes	
2	Homogenizer	10	5	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's viscometer	1	1	Yes	
7	Tray Dryer	1	1	Yes	
8	Ball mill	1	1	Yes	
9	Sieve shaker with sieve set	1	1	Yes	
10	Double cone blender	1	1	Yes	
11	Propeller type mechanical agitator	5	5	Yes	
12	Autoclave	1	1	Yes	

13	Steam distillation still	1	1	Yes	
14	Vacuum Pump	1	1	Yes	
15	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	10	10	Yes	
16	Tablet punching machine	1	1	Yes	
17	Capsule filling machine	1	2	Yes	
18	Ampoule washing machine	1	2	Yes	
19	Ampoule filling and sealing machine	1	1	Yes	
20	Tablet disintegration test apparatus IP	1	2	Yes	
21	Tablet dissolution test apparatus IP	1	2	Yes	
22	Monsanto's hardness tester	1	1	Yes	
23	Pfizer type hardness tester	1	1	Yes	
24	Friability test apparatus	1	2	Yes	
25	Clarity test apparatus	1	1	Yes	
26	Ointment filling machine	1	1	Yes	
27	Collapsible Tube Crimping Machine	1	1	Yes	
28	Tablet coating pan	1	1	Yes	
29	Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control.	10	10	Yes	
30	Digital pH meter	1	3	Yes	
31	All purpose equipment with all accessories	1	1	Yes	
32	Aseptic Cabinet	1	1	Yes	
33	BOD Incubator	2	1	Yes	
34	Bottle washing Machine	1	1	Yes	
35	Bottle Sealing Machine	1	1	Yes	
36	Bulk Density Apparatus	2	2	Yes	
37	Conical Percolator (glass/ copper/ stainless steel)	10	20	Yes	
38	Capsule Counter	2	1	Yes	
39	Energy meter	2	1	Yes	
40	Hot Plate	2	5	Yes	
41	Humidity Control Oven	1	1	Yes	
42	Liquid Filling Machine	1	1	Yes	
43	Mechanical stirrer with speed regulator	2	2	Yes	
44	Precision Melting point Apparatus	1	1	Yes	
45	Distillation Unit	1	1	Yes	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Ostwald's viscometer	20	37	Yes	
2	Stalagmometer	20	35	Yes	
3	Desiccator	10	5	Yes	
4	Suppository moulds	20	22	Yes	
5	Buchner Funnels Small, medium, large	5	5	Yes	
6	Filtration assembly	1	1	Yes	
7	Permeability Cups	5	5	Yes	
8	Andreason's Pipette	5	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	2	Yes	

9	Diagnostic kits to identify infectious agents	1	1	No	
10	Rheometer	1	1	Yes	
11	Viscometer	1	1	Yes	
12	Micropipettes (single and multi channeled)	1	1	Yes	
13	Sonicator	1	1	Yes	
14	Respinometer	1	0	No	
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	3	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	2	Yes	
10	Fourier Transform Infra Red Spectrometer (Desirable)	1	1	Yes	
11	HPLC	1	2	Yes	
12	HPTLC (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 observations 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
