



Tracking Number: SIF/2017/100020

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

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 Pharmacy, Prist University

Complete Postal address:

Ponnaiyah Ranajayam Institute of Science & Technology

Telephone Number with STD Code

044 27484812

Fax No

Email

pristpharmacymanamai@gmail.com

Year of Establishment

2016

Status of the course conducting body

University

(Enclose copy of Registration documents of Society/Trust)

A - I.2

Name of the Society/Trust/Management

PRIST UNIVERSITY

(attach documentary evidence)

Address

33-34, NATARAJAPURM SOUTH, MEDICAL COLLEGE ROAD

Telephone Number with STD Code

04362 265150

Fax No

Email

vicechancellor@prist.ac.in

Website

www.prist.ac.in

A - I.3

Name of the Person to be contacted by phone

Dr Kailasam Koumaravelou

Designation

DEAN

Address

DEAN, SCHOOL OF PHARMACY, PRIST UNIVERSITY, MANALI
MAHAPALIPURAM, THIRUKKALUKUNDRAM CHENNAI-603

STD Code

044

Telephone Number

Office

04427484812

Residence

27484812

Mobile 9443309034
 Fax No
 Email pristpharmacymanamai@gmail.com

A - I.4

Name of the Head of the Institution Dr Kailasam Koumaravelou
 Address DEAN, SCHHOL OF PHARMACY, PRIST UNIVERSITY, MAN
 MAHAPALIPURAM, THIRUKKALUKUNDRAM CHENNAI-603

Signature of the Head of the Institution

Signature of t

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
B Pharm	2018-19	618131	07/06/2017

b. APPROVAL STATUS

Name of the Course	Approved Upto	Intake Approved and Admitted	PCI	State Govt	Univer
B Pharm	2016-17	Approved Letter No & Date	32-1208/2015-PCI/1325-25 Dt-29-04-2016	00	PRIS UNIVER
		Approved Intake	60	00	00
		Actually Admitted	23	00	00

c. STATUS OF APPLICATION

COURSES INSPECTED FOR				
Course	Extension of Approval	Increase in Intake of Seats	Current Intake	
B Pharm	Yes	No	60	

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

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

Examining Authority:

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

Signature of the Head of the Institution

Signature of t

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

Dr Kailasam Koumaravelou

Qualification / Experience	Qualification		Teaching Experience Required	Actual experience
	M. Pharm	Yes	15 years, out of which 5 years as Prof. / HOD	18
	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	r
B Pharm	30/06/2017	Yet to be received	Yes	

* Enclose Documents

B - I.3

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

B - I.4**Pay Scales**

Staff	Scale of pay	PF	Gratuity	Pension benefit	Rema
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
Sanctioned	0	60
No. of Admissions	0	23
Unfilled Seats	0	37
No of Excess Admission	0	0

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

ACADEMIC YEAR	2015-2016	2016-2017
1st Year		80
2nd Year		

3rd Year		
Final Year		
Pass % (Final Year)		

B - II

Co-Curricular Activities / Sports Activities

Whether college has NSS Unit	No
If no give reasons	YET TO BE ESTABLISHED
NSS Program Officer's Name	
Programme Conducted Details	
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	Yes
Organization/Institution/Trust/Society Name	
Complete Postal Address.	
Telephone No.	
Nature of Association	

Signature of the Head of the Institution

Signature of

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			Rem
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants		CAPITAL EXPENDITURE			
	a. Government	0.00				
	b. Others	0.00				
2.	Tuition Fee	2300000.00	1.	Building	0.00	
3.	Library Fee	0.00	2.	Equipment	0.00	
4.	Sports Fee	0.00	3.	Others	0.00	
5.	Union Fee	0.00	REVENUE EXPENDITURE			
6.	Others	0.00	1.	Salary	2800000.00	
			2.	Maintenance Expenditure		
				i. College	0.00	
				ii. Others	0.00	
			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	0.00	
	8.	Misc. Expenditure	0.00	
	Total	2300000.00		
	Total		2900000.00	

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)

a) 2.5 acers District HQ/Corporation/Municipality limit

b) 0.5 acre for City/Metros

b. Building

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

i. Own Records to be enclosed

ii. Sale deed

d. Building

i) Approved Building plan, sale deed to be enclosed

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

Built up Area

Amenities and Circulation Area

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
B.Pharm	04	4	90 sq. mts each (Desirable) 75 sq. mts each (Essential)	374

[* To accomodate 60 students]

3. Laboratory requirement at the end of 4 Years

Sl.No.	Infrastructure for	Requirement As Per Norms	Available No.	A
1	Laboratory Area for B.Pharm Course	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	9	63
2	Pharmaceutics	03 Laboratories	2	18
3	Pharmaceutical Chemistry	02 Laboratories	2	18
4	Pharmaceutical Analysis	01 Laboratory	1	90
5	Pharmacology	02 Laboratories	2	93
6	Pharmacognosy	01 Laboratories	1	93
7	Pharmaceutical Biotechnology	01 Laboratory	1	93
8	Preparation Room for each lab	10 sq mts (minimum)	9	10
9	Area of the Machine Room	80-100 Sq.mts	0	0
10	Central Instrumentation Room	80 Sq.mts with A/ C	0	0
11	Store Room I	1 (Area 100 Sq mts)	1	12
12	Store Room II	1 (Area 20 Sq mts)	1	28

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 t whenever necessary.
3. The workbenches should be smooth and easily cleanable prefebly 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 cocerned laboratories.

4. Administration Area

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

5. Staff Facilities

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available	
				No.	Area Sq.m
1	HODs for B.Pharm course	Minimum 4	20 Sq. mts x 4	2	40
2	Faculty Rooms for B.Pharm course		10 Sq. mts x n (n=No. of teachers)	4	90

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	
				No.	Area Sq.m
1	Animal House	01	80 Sq. mts	1	80
2	Library	01	150 Sq. mts	1	150
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	610
5	Seminar Hall	01		1	610
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	150

7. Student Facilities

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available	
				No.	Area Sq.m
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	1	30
4	Toilet Blocks for Boys	01	24 Sq. mts	1	30
5	Drinking Water facility - Water cooler (Essential)	01	--	1	30
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	1	510

7	Girls's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20 Sq.mts/Room (Triple occupancy)	1	43
8	Power Backup Provision (Desirable)	01	--	1	0

8. Computer and other Facilities

Name	Required	Available	
		No.	Area Sq.mts
Computer Room B.Pharm Course	01 (Area 75 Sq. mts)	1	12
Computer (Latest Configuration)	1 system for every 10 students (UG & PG)	60	12
Printers	1 Printer for every 10 computers	5	10
Multi Media Projector	01	3	30
Generator (5KVA)	01	1	50

9. Amenities(Desirable)

Name	Requirment as per Norms in area	Available		No Avail
		No.	Area in Sq.mts	
Principal Quarters	80 Sq. Mtr.	1	80	
Staff Quarters	16 x 80 Sq. mts	16	1296	
Canteen	100 Sq. mts	1	112	
Parking Area fro staff and students		2	215	
Bank Extension Counter		0	0	
Cooperative Stores		0	0	
Guest House	80 Sq. mts	1	60	
Transport Facility for students		3	0	
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

Sl. No.	Item	Titles(No)	Minimum Volumes(No)	Available	
				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	150	180
2	Annual Addition of Books		100 to 150 books per year	10	150
3	Periodicals Hard Copies/Online		10 National 05 International periodicals	17	25
4	CDS		Adequate Nos	10	10
5	Internet Browsing Facilities		Yes/No (Minimum ten Computers)	Available	
6	Reprographic Facilities: PhotoCopier Fax Scanner		01 01 01	Available Available Available	
7	Library Automation and Computrized System				
8	Library timings				9.00

10.C.Library Staff

Sl. No.	Staff	Qualification	Required	Available
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 spacious.

Class	Theory	Practicles	Remarks of the In
B. Pharm	60:1	20:1	

2. Scheme of B. Pharm Course:

Semester

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

Commencement

12/07/2017

4. Vacation

	No of Days	
Summer :	25	Winter :

5. Total No. of working days

200

6. Time Table copy Enclosed:

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		
	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 Prescribed Number of Hours Column 5 No. of classes x H class
Pharmaceutical Inorganic chemistry	45	49	100	80	16
Pharmaceutical Analysis 1	45	51	100	96	16
Pharmacognasy	40	45	75	72	16
Computer Application in Pharmacy	30	71	75	72	16
Remedial Maths	30	85	0	0	0
Communication Skill	33	30	50	45	15
Human Anatomy and Physiology 1	45	35	100	85	16
Pharm Organic Chemistry 1	45	42	100	88	16
Biochemistry	45	36	100	84	16
Pathophysiology	45	36	0	0	0

4	Dr. SHANMUGAPANDIYAN	POC 1	3	3	0	0	0	0	0	0	0	6
5	Mr. N IRFAN	POC 2	0	0	3	3	0	0	0	0	0	6
6	Mr. S DINESHKUMAR	Physical Pharmacy	0	0	3	3	0	0	0	0	0	6
7	Mr. S SELVADURAI	Pharmacognasy	3	3	0	0	0	0	0	0	0	6
8	Mrs. B JAYANTHI	HAP 2	0	0	3	3	0	0	0	0	0	6
9	Mrs. P SWAPNA	Biochemistry	0	0	3	3	0	0	0	0	0	6

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

Details	Year : 2015-2016	Year : 2016-2017
No of Students Appeared	0	0
No of Student Qualified	0	0
Percentage		00

14. Whether the Institution has an Industry interaction Cell: Not Available

Events	Details For thr previous Y
No of Industrial Visits	0
Insdustrials Tour	1
Industrial Training	0
No of resourse persons from the Industry for Guest Lectures	00
No. of collaboration projects with Industry	0

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

Details	Year : 2015-2016	Year : 2016-2017
No of Students Appeared for campus interview	0	0
% Percentage		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 Insp

PART IV - PERSONNEL

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.	Sig
1	RAJEEVKUMAR	Professor	B Pharm, M Pharm, PHD,	19/08/2017	0.5 + 10.5	7599A1	

2. Qualification and Number of Staff Members

Qualification			
B Pharm	M Pharm	PhD	
9	3	2	

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

No. of staff required for I B.	Available	No. of staff required for II	Available	No. of staff required for III	Available

	Pharm		B. Pharm		B. Pharm	
Principal	1		1		1	
Pharmaceutical Chemistry	1	0	2	0	3	0
Pharmaceutical Analysis	1	0	--	0	--	0
Pharmacology	1	0	2	0	3	0
Pharmacognosy	1		2		3	
Pharmaceutics	1	0	2	0	3	0
Total	6		9		13	
Part Time teaching staff	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: Lec

Department / Division	Name of the post	For strength of 60 students	Provided by the institution	Rem inspe
Department of Pharmaceutics	Professor	1	1	
	Asst. Professor	1	1	
	Lecturer	4	0	
Department of Pharmaceutical Chemistry (including Pharmaceutical Analysis)	Professor	1	1	
	Asst. Professor	1	1	
	Lecturer	4	0	
Department of Pharmacology	Professor	1	0	
	Asst. Professor	1	1	
	Lecturer	3	0	
Department of Pharmacognosy	Professor	1	0	
	Asst. Professor	1	2	
	Lecturer	2	0	

5. Selection criteria and Recruitment Procedure for Faculty

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

6. Details of Faculty Retention for:

Name of Faculty Member	Period
	Duration of 15 year and above
	Duration of 10 year and above
	Duration of 5 year and above
9	Less than 5 years

7. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	2
9	% of faculty retained in last 3 yrs	Yes	No	N

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
1	Laboratory technician	1 for each Dept	D. Pharm	3 DPharm
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	4 SSLC
3	Office Superintendent	1	Degree	1 Msc Mphil
4	Accountant	1	Degree	1 BCom
5	Store keeper	1	D. Pharm/ Degree	1 MCom
6	Computer Data Operator	1	BCA / Graduate with Computer Course	1 BCA
7	First Division Assistant	1	Degree	0
8	Second Division Assistant	2	Degree	0
9	Peon	2	SSLC	0
10	Cleaning personnel	Adequate	---	0
11	Gardener	Adequate	---	0

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	RAJEEVKUMAR	B Pharm, M Pharm, PHD,	Professor	14000	0	8750	8700	0	1750	1800	0	0	646227373
2	KAILASAM KOUMARAVELOU	B Pharm, M Pharm, PHD,	Principal/Director	0	0	0	0	0	0	0	0	0	00
3	N IRFAN	B Pharm, M Pharm,	Asstt. Professor	0	0	0	0	0	0	0	0	0	00
4	S V REKHA	B Pharm,	Professor	10000	0	6250	5700	1250	0	1800	0	0	0000
5	S SELVADURAI	B Pharm,	Asstt. Professor	10000	0	6250	5700	1250	0	1800	0	0	00
6	S DINESHKUMAR	B Pharm,	Asstt. Professor	10000	0	6250	5700	1250	0	1800	0	0	00
7	SHANMUGAPANDIYAN	B Pharm,	Professor	0	0	0	0	0	0	0	0	0	00
8	P SWAPNA	B Pharm,	Asstt. Professor	0	0	0	0	0	0	0	0	0	00
9	B JAYANTHI	B Pharm,	Asstt. Professor	0	0	0	0	0	0	0	0	0	00

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

(Inspectors to verify documents pertaining to the above)

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

(Inspectors to verify documents pertaining to the above)

12. Scope for the promotion for faculty: Promotions

13. Gratuity Provided

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

Name	Designation	Qualification	Date of Joining	Experience	Signature
Shanthalaskmi	Office Superintendent	Msc Mphil	02/08/2016	10	
Nalani	Librarian	BLib	02/08/2016	10	
Prema	Laboratory Technician	DPharm	02/08/2016	2	

Praveen	Laboratory Technician	DPharm	02/08/2016	2	
Durga Priya	Laboratory Technician	BPharm	02/08/2016	1	
Iyyappan	Laboratory Assistants	SSLC	02/08/2016	5	
Krishnan	Laboratory Assistants	SSLC	02/08/2016	5	
Murugan	Laboratory Assistants	SSLC	02/08/2016	5	
Palani	Laboratory Assistants	SSLC	02/08/2016	3	
Mohana Priya	Accountant	BCom	02/08/2016	5	
Munusamy	Store keeper	MCom	02/08/2016	3	
charles	Computer Data Operator	BCA	02/08/2016	5	

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

Signature of the Head of the Institution

Signature of the Ins

PART V - DOCUMENTATION

Records Maintained (Essential)			
Sl. No.	Records	Yes/No	Remark
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. 2015-2016	Expenditure in Rs. 2016-2017	Expenditure in 2017-2018
---	---	-------------------------------------

Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring
0	0	0	1150000	100000	1000000	2000000	500000

Total amount spent on Chemical, Glassware, Equipments, Books and Journals for the past Three Years (Enclose purchase invoice)

Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned
Chemicals	0	0	Chemicals	100000	50000	Chemicals	100000
Glassware	0	0	Glassware	100000	60000	Glassware	100000
Equipment	0	0	Equipment	200000	125000	Equipment	200000
Books	0	0	Books	100000	75000	Books	50000
Journals	0	0	Journals	25000	25000	Journals	30000

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

Signature of the Head of the Institution

Signature of

PART VII – EQUIPMENT AND APPARATUS

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

Department of Pharmacology

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
1	Microscopes	15	15	Yes
2	Haemocytometer with Micropipettes	20	20	Yes
3	Sahlia™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	5	Yes
8	Models for various organs	0	5	Yes
9	Specimen for various organs and systems	0	3	Yes
10	Skeleton and bones	0	1	Yes
11	Different Contraceptive Devices and Models	0	5	Yes
12	Muscle electrodes	1	1	Yes
13	Lucas moist chamber	1	1	Yes
14	Myographic lever	1	5	Yes
15	Stimulator	1	3	Yes
16	Centrifuge	1	3	Yes
17	Electronic Balance	1	5	Yes
18	Physical /Chemical Balance	1	5	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	2	Yes
24	Software packages for experiment	1	2	Yes
25	Standard graphs of various drugs	0	2	Yes
26	Actophotometer	1	2	Yes
27	Rotarod	1	2	Yes
28	Pole climbing apparatus	1	2	Yes
29	Analgesiometer (Eddy™s hot plate and radiant heat methods)	1	2	Yes
30	Convulsiometer	1	2	Yes

31	Plethysmograph	1	2	Yes
32	Digital pH meter	1	1	Yes

Appratus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
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:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
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	2	Yes
7	Laminar air flow	1	2	Yes
8	Colony counter	2	2	Yes
9	Zone reader	1	1	Yes
10	Digital pH meter	1	2	Yes
11	Microscope with stage and oil immersion objective	20	20	Yes
12	Sterility testing unit	1	2	Yes
13	Camera Lucida	15	15	Yes
14	Eye piece micrometer	15	15	Yes
15	Stage micrometer	20	20	Yes
16	Incinerator	1	2	Yes
17	Moisture balance	1	2	Yes
18	Heating mantle	15	15	Yes
19	Flourimeter	1	2	Yes
20	Vacuum pump	2	2	Yes
21	Micropipettes (Single and multi channeled)	2	2	Yes
22	Micro Centrifuge	1	2	Yes
23	Projection Microscope	1	2	Yes

Appratus:

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

Appratus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
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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

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
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	1	Yes
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
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	1	Yes
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
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	3	Yes
6	Fermenters of different capacity (Desirable)	1	0	No
7	Tissue culture station	1	0	No
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	1	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:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working
1	Colorimeter	1	1	Yes
2	Digital pH meter	1	1	Yes
3	UV- Visible Spectrophotometer	1	2	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	0	No
11	HPLC	1	1	Yes
12	HPTLC (Desirable)	1	0	No
13	Atomic Absorption and Emission spectrophotometer (Desirable)	1	0	No
14	Biochemistry Analyzer (Desirable)	1	0	No
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	1	0	No
16	Deep Freezer (Desirable)	1	0	No
17	Ion- Exchanger	1	0	No
18	Lyophilizer (Desirable)	1	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

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 Ins
