

PHARMACY COUNCIL OF INDIA

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

(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.
(BLOCK LETTERS)

2.

PART – I

A - GENERAL INFORMATION

A – I.1 Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail	Chalapathi Institute of Pharmaceutical Sciences Chalapathi Nagar, Lam, Guntur-522 034 0863 2524124 (Annexure-I) 2524123 nadendla2000@yahoo.co.in
Year of Establishment	2004 (Annexure-II)
Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	Private (Annexure-III)
A – I.2 Name, address of the Society/Trust/ Management (attach documentary evidence) STD Code: Telephone No: Fax No: E-mail Web Site:	Chalapathi Educational Society, Chalapathi Nagar, Lam, Guntur-522 034. 0863 2524112 (Annexure-IV) 2524123 nadendla2000@yahoo.co.in www.chalapathipharmacy.in
A – I.3 Name, Designation and Address of person to be contacted by phone STD Code Telephone No Office Residence Mobile No. Fax No E-Mail	Nadendla Rama Rao, Principal, Chalapathi Institute of Pharmaceutical Sciences, Chalapathi Nagar, Lam, Guntur-522 034 0863 (Annexure-V) 2524124, 2524125 09440101685 09440101685 0863-2524123 nadendla2000@yahoo.co.in

Signature of the Head of the Institution

Signature of the Inspectors

A – I. 4 Name and Address of the Head of the Institution	Nadendla Rama Rao (Annexure-VI) Chal apathi Institute of Pharmaceutical Sciences, Chalpathi Nagar, Lam, Guntur-522 034
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A –I . 5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. Details of Affiliation Fee Paid

(Annexure-VII)

Name of the Course	Affiliation Fee paid up to	Receipt No/D.D.No.	Dated	Remarks of the Inspectors
B. Pharm	2017-2018	732718	14/06/2016	

b. APPROVAL STATUS:

(Annexure-VIII)

Name of the Course	Approved up to	In take Approved and Admitted	PCI	STATE GOVERNMENT	UNIVERSITY	Remarks of the Inspectors
B. Pharm	2016-2017	Approval Letter No and Date	32-343/2013,PCI, dt:10/02/2014	G.O.Rt.No.120, dt:30/05/2016	ANU/Affil./S6/CIPS-Lam,GNT/TA-2015-16, dt:21/12/2015	
		Approved Intake	100	100	100	
		Actually Admitted	100	100	100	

c. STATUS OF APPLICATION

COURSES INSPECTED FOR

Faculty / Subject	Extension of Approval	Increase in Intake of Seats	Remarks	
			Current Intake	Proposed increase in Intake
B. Pharm	Yes	Yes	100	00

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 Details

No

A – I. 6 a

Status of the Pharmacy Course:

Independent Building	<input type="checkbox"/> YES
Wing of another college	<input type="checkbox"/> NO
Separate Campus	<input type="checkbox"/> YES
Multi Institutional Campus	<input type="checkbox"/> NO

Signature of the Head of the Institution

Signature of the Inspectors

Examining Authority with complete postal :
Address, telephone No. and STD Code.

Acharya Nagarjuna University
Nagarjuna Nagar, Guntur (dt.)
Ph : 0863-2346182
Fax No. : 0863-2293378

B - DETAILS OF THE INSTITUTION

(Annexure-IX)

B -I .1 Name of the Principal		Nadendla Rama Rao			
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	29 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

(Annexure-X)

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied / Not Complied	Intake reduced/Stopped in the last 03 years*
B. Pharm	30/11/2013	No Specific Remarks of Deficiencies	Yes	No

* Enclose Documents

B -I .3

(Annexure-XI)

Status of Governing Council:	Active (Enclosed)
Details of the Governing Body	Enclosed
Minutes of the last Governing council Meeting	Enclosed

Signature of the Head of the Institution

Signature of the Inspectors

B –I .4**Pay Scales:**

Staff	Scale of pay	PF	Gratuity	Pension benefit	Remarks of the Inspectors
Teaching Staff	AICTE 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 Years

(Annexure-XII)

ACADEMIC YEAR	Year 2014-2015	Year 2015-2016	Year 2016-2017
Sanctioned	100	100	100
No. of Admissions	92	100	100
Unfilled Seats	8	0	0
No. of Excess Admissions	0	0	0

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

(Annexure-XIII)

ACADEMIC YEAR	Year 2014-2015	Year 2015-2016	Year 2016-2017
1 st year	99	99	Examinations are in Progress
2 nd year	98	100	
3 rd year	99	99	
Final year	98	100	
Pass % (Final Year)			

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

(Annexure-XIV)

Whether college has NSS Unit (Yes/No)? If no give reasons	Yes
NSS Programme Officer's Name	G.Nagaraju
Programme conducted (mention details)	Health Camps, Distribution of Free Medicines, Distribution of Fruits and Blankets, Blood Donation Camp[, Cleanliness drives, Visiting old-age homes, Plantation of Saplings, Special Medical Camps.
Whether students participating in University level cultural activities / Co- curricular/sports activities	Yes
Physical Instructor	Available
Sports Ground	Individual

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)

(Annexure-XV)

C .2 Please provide following Information

(Annexure-XVI)

Receipts			Expenditure			Remarks of the Inspectors
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants a. Government b. Others	0 0	CAPITAL EXPENDITURE			
2.	Tuition Fee	39252000.00	1.	Building	335410.00	
3.	Library Fee	0	2.	Equipment	2326226.00	
4.	Sports Fee	0	3.	Others	2326226.00	
5.	Union Fee	0	REVENUE EXPENDITURE			
6.	Others	5348299.00	1	Salary	22102721.00	
			2.	MAINTENANCE EXPENDITURE		
				i	College	9279183.00
				ii	Others	0
			3.	University Fee (If any)	2215512.00	
			4.	Apex Bodies Fee	437386.00	
			5.	Government Fee	0	
			6.	Deposit held by the College	0	
			7.	Others	1965510.00	
			8.	Misc.Expenditure	3612125.00	
			Total			
					39612437.00	
Total		44600299.00				

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 acres District HQ/Corporation/Municipality limit (Annexure-XVII)
 b) 0.5 acre for City / Metros
- b. Building : Own
- c. Land Details to be in name of Trust and Society
 Records to be enclosed
 Sale deed : Enclosed (Annexure-XVIII)
- d. Building[†]:
 i) Approved Building plan, to be Enclosed : Enclosed
- e. Total Built Area of the college building in Sq.mts : Built up Area **13100**
 Amenities and Circulation Area **3359**

2. Class rooms:

Total Number of Class rooms provided at the end of 4 Year Course

Class	Required Nos	Available Nos	Required Area * for each class room	Available Area in Sq.mts	Remarks of the Inspectors
B. Pharm	06	08	6 of 90 Sq.Mts. OR 4 of 150 Sq.mts. with Public address system	561	

(*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/ Deficiency
1	Laboratory Area for B.Pharm Course (12 Labs)	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts – Essential	12 = 14 sq.Mts.	
2	Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy Pharmaceutical Biotechnology (Including Aseptic Room) Total no. Laboratories for B.Pharm course	03 Laboratories 02 Laboratories 01 Laboratory 02 Laboratories 01 Laboratories 01 Laboratory 10 Laboratories *	4 = 597 Sq.Mts. 3 = 595 Sq.Mts. 1 = 108 Sq.Mts. 2 = 199 Sq.Mts. 2 = 204 Sq.Mts. 1 = 125 Sq.Mts.	
3	Preparation Room for each lab (One room can be shared by two labs, if it is in between two labs)	10 sq mts (minimum)	10 = 70 sq.mts	
4	Area of the Machine Room	80-100 Sq.mts	1 = 99 sq.mts.	
5	Central Instrumentation Room	80 Sq.mts with A/ C	1 = 175 sq.mts.	
6	Store Room – I	1 (Area 100 Sq mts)	1 = 100 sq.mts.	
7	Store Room - II (For Inflammable chemicals)	1 (Area 20 Sq mts)	1 = 25 sq.mts.	

Signature of the Head of the Institution

Signature of the Inspectors

***Number of laboratories required for entire course of 4 years.**

† The Institutions will not be permitted to run the courses in rented building on or after 31.12.2008

1. All the Laboratories should be well lit & ventilated
2. All Laboratories should be provided with basic amenities and services like exhaust fans and fume chamber to reduce the pollution wherever necessary.
3. The work benches should be smooth and easily cleanable preferably made of non-absorbent material.
4. The water taps should be non-leaking and directly installed on sinks. Drainage should be efficient.
5. Balance room should be attached to the concerned laboratories.

4. Administration Area:

Sl.No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms, in area	Available		Remarks/ Deficiency
				No.	Area in Sq .mts	
1	Principal's Chamber	01	30 Sq .mts	1	57	
2	Office – I - Establishment	01	60 Sq. mts	1	62	
3	Office – II - Academics			1	118	
4	Confidential Room			1	42	

5. Staff Facilities:

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement 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	2	40	
2	Faculty Rooms for B.Pharm course		10 Sq mts x 5 (n=No of teachers)	2	60	

6. Museum, Library, Animal House and other Facilities

Sl.No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms, in area	Available		Remarks/ Deficiency
				No.	Area in Sq. mts	
1	Animal House	01	80 Sq mts	1	80	
2	Library	01	150 Sq mts	1	348	
3	Museum	01	50 Sq mts (May be attached to the Pharmacognosy lab)	1	100	
4	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	1	1200	
5	Seminar Hall	01		1	187	
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	3	4000	

Signature of the Head of the Institution

Signature of the Inspectors

7. Student Facilities:

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms, in area	Available		Remarks/ Deficiency
				No.	Area in Sq .mts	
1	Girl's Common Room (Essential)	01	60 Sq.mts	1	38	
2	Boy's Common Room (Essential)	01	60 Sq.mts	1	38	
3	Toilet Blocks for Boys	01	24 Sq.mts	5	106	
4	Toilet Blocks for Girls	01	24 Sq.mts	4	102	
5	Drinking Water facility – Water Cooler (Essential).	01		6	0	
6	Boy's Hostel (Desirable)	01	9 Sq .mts / Room Single occupancy	1	60	
7	Girl's Hostel (Desirable)	01	9 Sq .mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	1	60	
8	Power Backup Provision (Desirable)	01		1	50	

8. Computer and other Facilities:

Name	Required	Available		Remarks of the Inspectors
		No.	Area in Sq. mts	
Computer Room for B.Pharm Course	01 (Area 75 Sq mts)	1	75	
Computer (Latest Configuration)	1 system for every 10 students	107	0	
Printers	1 printer for every 10 computers	16	0	
Multi Media Projector	01	11	0	
Generator (5KVA)	01	1	50	

Signature of the Head of the Institution

Signature of the Inspectors

9. Amenities (Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks/ Deficiency
		No.	Area in Sq. mts		
Principal quarters	80 Sq. mts	0	0	Not Available	
Staff quarters	16 x 80 Sq. mts	0	0	Not Available	
Canteen	100 Sq. mts	1	253	Available	
Parking Area for staff and students		1	1000	Available	
Bank Extension Counter		1	0	Not Available	
Co operative Stores		1	200	Available	
Guest House	80 Sq. mts	1	80	Available	
Transport Facilities for students		3	0	Available	
Medical Facility (First Aid)		1	20	Available	

10. A. Library books and periodicals

(Annexure-XIX)

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	Numbers	
1	Number of books	150	2000 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	2654	9112	
2	Annual addition of books		150 to 200 books per year	40	955	
3	Periodicals Hard copies / online		10 National 05 International periodicals	45	203	
4	CDS		Adequate Nos	145	145	
5	Internet Browsing Facility		Yes/No (Minimum ten computers)	Available		
6	Reprographic Facilities: Photo Copier Fax Scanner		01 01 01	Available Available Available	01 01 02	
7	Library Automation and Computerized System			Available		
8	Library Timings			08.00 am to 08.00 pm		

Signature of the Head of the Institution

Signature of the Inspectors

10.B. Library Staff:

(Annexure-XX)

	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	

PART III ACADEMIC REQUIREMENTS**Course Curriculum:**

1. Student Staff Ratio: Theory : **50 : 1** Practicals : **25 : 1** Remarks of the Inspectors

(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.

2. Scheme of B. Pharmacy Course : Semester

(Annexure-XXI)

3. Date of Commencement of session / sessions:

Commencement	Completion
21/11/2016	31/03/2017

4. Vacation: No of Days Summer: **20** No of Days Winter: **10**

5. Total No. of working days: **200**

6. Time Table: (Annexure-XXII)

Time Table for B. Pharm course Enclosed **Yes**

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

I B. Pharm:

Subject	No of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No of Hrs 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	
1						
Mathematics	75	98	0	0	1	
Biology	50	62	50	51	1	
Pharmaceutical Organic Chemistry-1	75	100	75	90	1	
Physical Pharmacy-1	75	124	75	90	1	
Computer Applications and Statistical Methods	75	90	75	90	1	
Pharmaceutics-I	75	129	75	93	1	
Pharmaceutical Analysis-I	75	128	75	90	1	
Environmental Studies	50	59	0	0	1	

Signature of the Head of the Institution

Signature of the Inspectors

II B. Pharm:

Subject 1	No of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No of Hrs 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	
Pharmaceutical Organic Chemistry-II	75	80	75	75	1	
Pharmaceutical Engineering	75	77	0	0	1	
Pharmaceutical Microbiology	75	77	75	75	1	
Anatomy & Physiology	75	79	75	75	1	
Pharmaceutical Medicinal Chemistry-III	75	78	0	0	1	
Physical Pharmacy-II	75	80	75	84	1	
Applied Biochemistry & Clinical Pathology	75	86	75	93	1	
Forensic Pharmacy	75	76	0	0	1	
English & Communication Skills	0	0	50	50	1	

III B. Pharm:

Subject 1	No of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No of Hrs 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	
Pharmaceutical Chemistry (Medicinal-II)	75	102	75	84	1	
Pharmaceutics-II	75	96	75	96	1	
Pharmacognosy-I	75	87	75	87	1	
Pharmacology-I	75	96	0	0	1	
Pharmaceutical Engineering	75	84	75	75	1	
Pharmaceutical Biotechnology	75	89	75	81	1	
Hospital and Clinical Pharmacy	75	87	75	75	1	

Signature of the Head of the Institution

Signature of the Inspectors

IV B. Pharm:

Subject	No of Theory Classes		Practicals			Remarks of the Inspectors
	Prescribed No of Hrs 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	
1						
Pharmaceutical Chemistry-V	75	80	75	69	1	
Pharmaceutics-III	75	83	75	87	1	
Pharmacognosy-II	75	77	75	78	1	
Pharmacology-II	75	85	75	83	1	
Pharmaceutical Analysis-II	75	93	75	84	1	
Industrial Management and Pharmaceutical Marketing	50	56	0	0	1	
Good Manufacturing Practice & Validation	75	64	0	0	1	

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

Yes (Annexure-XXIII)

9. Number of Guest Lectures / Seminars / Work shops / Symposia / Presentations conducted during last Three years.

(Annexure-XXIV)

A.

Name of the Event	Year 2014-2015	Year 2015-2016	Year 2016-2017
Guest Lectures	13	13	05
Seminars	05	05	05
Workshops	02	08	10
Symposia	01	02	01

B. Papers Presented / Published during last three years

(Annexure-XXV)

	Year 2014-2015		Year 2015-2016		Year 2016-2017	
	National	International	National	International	National	International
Published	40	42	32	18	11	04
Presented	10	05	20	0	25	04

10. Whether Internal Assessments are conducted periodically as per university norms = YES

Class	I Sessional Dates DD/MM/YY		II Sessional Dates DD/MM/YY		III Sessional Dates DD/MM/YY		Remarks of the Inspectors
	Theory	Practicals	Theory	Practicals	Theory	Practicals	
I B. Pharm	30/11/2015	23/11/2015	08/03/2015	01/03/2016	28/06/2016	20/06/2016	
II B. Pharm	16/11/2015	12/11/2015	06/01/2016	02/01/2016	12/04/2016	06/04/2016	
III B. Pharm	01/10/2015	07/10/2015	02/12/2015	26/11/2015	02/03/2016	26/02/2016	
IV B. Pharm	26/08/2015	31/08/2015	10/11/2015	06/11/2015	11/02/2016	15/02/2016	

Signature of the Head of the Institution

Signature of the Inspectors

11. Whether Evaluation of the internal assessments is Fair = YES

Class	No. of Candidates scored more than 80%		No. of Candidates scored between 60 - 80%		No. of Candidates scored between 50 - 60%		No. of Candidates Less than 50%		Remarks of the Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I B.Pharm	58.00	94.00	34.00	5.00	6.00	0.00	3.00	2.00	
II B.Pharm	2.00	49.00	40.00	4.00	10.00	1.00	6.00	4.00	
III B.Pharm	2.00	38.00	30.00	9.00	14.00	3.00	5.00	1.00	
IV B.Pharm	11.00	48.00	35.00	11.00	11.00	0.00	13.00	1.00	

12. Work load of Faculty members for B. Pharm

(Annexure-XXVI)

Sl. No	Name of the Faculty	Subjects taught	B. Pharm		Total work load	Specific Remarks of the Inspector
			Th	Pr		

13. Percentage of students qualified in GATE in the last Three Years (Annexure-XXVII)

Details	Year 2014-2015	Year 2015-2016	Year 2016-2017
No. of Students Appeared	15	20	30
No. of Students Qualified	9	5	4
Percentage	68	25	13

14. Whether the Institution has an Industry – Institution Interaction cell : Available

If applicable please give the details for the previous Year

(Annexure-XXVIII)

Events	Details for the Previous Year
No. of Industrial visits	15
Industrial Tour	1
Industrial Training	54
No. of Resource Persons from the Industry for Guest Lectures	46
No. of Collaboration projects with Industry	2

15. Percentage of students Placed through the College Placement Cell in the Last Three Years

Year	Year 2014-2015	Year 2015-2016	Year 2016-2017
No. of students appeared for campus interview	45	40	68
% Placed	73	80	81

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:

Sl No	Name	Designation	Qualification	Date of Joining	Teaching Experience After PG	State Pharmacy Council Reg No.	Signature of the faculty	Remarks of the Inspectors
01	Prof. Nadendla Rama Rao	Principal and Professor	PhD.	01/07/2004	29	AP13397		
02	Dr.A.Narendra Babu	Professor	Ph.D.	01/10/2005	17	A1026036		
03	Prof. K.N.Rajini Kanth	Professor	M.Pharma,	01/09/2005	15	4224A1		
04	Dr.K.Lakshmi	Associate Professor	Ph.D.	01/08/2005	09	037895A1		
05	B.Valli Manalan	Asstt. Professor	M.Pharma.	29/08/2009	07	A110861		
06	S.S.Mani Kiran	Associate Professor	M.Pharma.	21/08/2006	09	042495A1		
07	Dr.A.Elphine Prabahar	Associate Professor	Ph,D.	06/08/2009	10	5678A1		
08	Dr.P.Venkata Suresh	Associate Professor	PhD.	15/07/2009	09	033040A1		
09	Dr.N.L.Prasanthi	Associate Professor	PhD.	02/03/2006	10	A1038657		
10	P.Sharmila Nirojini	Associate Professor	M.Pharma.	21/08/2007	10	12668A1		
11	Dr.S.T.V.Raghavamma	Associate Professor	B.Pharm. M.Tech., Ph.D (Biotechnology)	21/08/2006	10	331835A		
12	G.Nagaraju	Asstt. Professor	M.Pharma.	01/08/2013	07	038806A1		
13	N.Venkata Rama Rao	Associate Professor	M.Pharma.	27/05/2011	06	033268A1		
14	S.Radhika	Asstt. Professor	M.Pharma.	20/06/2011	07	027656A2		
15	Dr.V.Venkata Rao	Associate Professor	Ph,D.	19/01/2012	07	041632A1		
16	Md.Gulshan	Asstt. Professor	M.Pharma.	05/12/2012	04	68180A1		
17	SK.Shafiya Begum	Asstt. Professor	M.Pharma.	20/06/2013	06	058744A1		
18	N.Santhi Priya	Asstt. Professor	M.Pharma.	25/07/2014	04	101202A1		
19	G.Madhu	Asstt. Professor	M.Pharma.	27/04/2013	06	047084A2		
20	M.Venkata Ramana	Asstt. Professor	M.Pharma.	01/08/2012	07	038168A2		
21	R.Venkateswara Rao	Asstt. Professor	Pharm.D (PB)	05/02/2015	02	058235A2		
22	K.Renuka Sowjanya	Asstt. Professor	M.Pharma.	13/11/2014	02	84051A1		

Signature of the Head of the Institution

Signature of the Inspectors

22	M.Maneesh Kumar Reddy	Asstt. Professor	Pharm.D (PB)	21/09/2015	1.5	0423		
23	K.Nani Babu	Asstt. Professor	Pharm.D	10/03/2016	01	55002		
24	G.Nagamalleswari	Asstt. Professor	M.Pharma.	05/12/2012	04	67432A1		
25	D.Eswar Tony	Asstt. Professor	M.Pharma.	17/10/2013	04	In Process		
26	P.Prachet	Asstt. Professor	M.Pharma.	26/08/2015	2.5	93881A1		
27	K.Swathi	Asstt. Professor	M.Pharma.	21/08/2015	2.5	91877A1		
28	A.Aneesha	Asstt. Professor	M.Pharma.	11/07/2015	2.5	044209A2		
29	J.Nagalakshmi	Asstt. Professor	M.Pharma.	05/10/2015	1.5	061838A2		
30	Rama Lakshmi Naidu	Asstt. Professor	M.Pharma.	02/11/2015	07	049411A1		
31	P.Sai Geervani	Asstt. Professor	M.Pharma.	19/07/2016	01	102250A1		
32	Ch.Sai Charitha	Asstt. Professor	M.Pharma.	19/07/2016	01	104084A1		
33	N.Bhargav Kumar	Asstt. Professor	Pharm.D	29/07/2016	01	065862A1		
34	M.Greeshma	Asstt. Professor	Pharm.D	23/06/2016	01	511		
35	Ch.Krishna Kartheek	Asstt. Professor	M.Pharm.	20/08/2017	01	58441		
36	V.Pallavi	Asstt. Professor	Pharm.D	16/11/2016	08	032674A1		
37	M.Sai Priya	Asstt. Professor	Pharm.D	06/02/2017	01	In Process		
38	G.Prem Kumar	Asstt. Professor	Pharm.D	16/11/2016	01	In Process		
39	K.Tejonidhi	Asstt. Professor	M.Pharm.	11/07/2016	01	86755A1		
40	P.Abhinandana	Asstt. Professor	M.Pharm.	11/07/2016	01	98856A1		
41	J.Venkateswara Rao	Asstt. Professor	Pharm.D (PB)	08/12/2016	01	In Process		
42	Ch.Prasanna Lakshmi	Asstt. Professor	M.Pharm.	26/12/2016	01	102857A1		
43	M.Komali	Asstt. Professor	M.Pharm.	16/03/2017	01	106394A1		
44	K.Bhanu Prakash	Asstt. Professor	M.Pharm.	31/03/2017	02	103820A1		
45	K.Vijay Kumar	Asstt. Professor	MBA	05/07/2012	05			
46	B.Vasundhara	Asstt. Professor	M.Tech (Statistics)	17/06/2008	10			
47	P.Bhanu Prakash	Asstt. Professor	M.P.Ed.	18/07/2011	6			
48	C.Anthony Reddy	Asstt. Professor	M.Sc.,	11/07/2016	01			
49	Y.Swetha	Asstt. Professor	M.Sc.,	21/08/2015	02			

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2. Qualification and number of Staff Members

Qualification		
M. Pharm	PhD	Others - Full Time
36	08	5

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

S.No.	Department	No. of staff required
01	Pharmaceutical Chemistry	7
02	Pharmaceutical Analysis	2
03	Pharmacology	4
04	Pharmacognosy	4
05	Pharmaceutics	6
06	Pharmacy Practice	1
07	Principal	1
Total		25
*Part time teaching Staff		3
Remarks of the Inspection Team		

*Part time teaching staff for Mathematics, Biology and Computer Science can be appointed.

4. Staff Pattern for B. Pharm courses Department wise / Division wise:

Professor: Asst. Professor: Lecturer

Department / Division	Name of the post	For strength of 100 students	Provided by the institution	Remarks of inspection team
Department of Pharmaceutics	Professor	1	1	
	Asst. Professor	2	2	
	Lecturer	3	7	
Department of Pharmaceutical Chemistry	Professor	1	1	
	Asst. Professor	3	3	
	Lecturer	3	3	
Department of Pharmacology	Professor	1	1	
	Asst. Professor	2	1	
	Lecturer	1	4	
Department of Pharmacognosy	Professor	1	1	
	Asst. Professor	1	1	
	Lecturer	2	2	
Department of Pharmacy Practice	Asst. Professor	1	1	
	Lecturer	1	9	
Department of Pharmaceutical Analysis	Asst. Professor	1	1	
	Lecturer	1	6	

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5. Selection criteria and Recruitment Procedure for Faculty: (Annexure-XXIX)

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	%
	Duration of 15 yrs. and above	
Prof. Rama Rao Nadendla Prof.A.Narendra Babu Prof.K.N.Rajini Kanth Miss K.Lakshmi Mrs.N.L.Prasanthi Sri S.S.Mani Kiran Dr.P.V.Suresh	Duration of 10 yrs. and above	15
Mrs.S.T.V.Raghavamma Mrs.B.Vasundhara Dr.M.Sathish Kumar P.Sharmila Nirojini Dr.A.Elphine Prabahar N.V.Rama Rao, M.Venkata Ramana, V.Venkata Rao, G.Nagaraju, Sk.Shafiya Begum, K.Vijay Kumar, A.Aneesha, P.Bhanu Prakash	Duration of 5 yrs. and above	17.5
Sri N.V.Rama Rao M.Venkata Ramana V.Venkata Rao S.Radhika Md Gulshan G.Nagaraju Sk.Shafiya Begum P.Bhanu Prakash N.Santhi Priya D.Eswar Tony G.Nagamalleswari K.Vijay Kumar V.Venkatrao G.Madhu G.Swathi P.Prachet A.Aneesha K.Swathi R.Venkateswara Rao N.Ramalakshmi M.Manish Kumar Reddy M.Greeshma K.Nani Babu N.Bhargav Kumar P.Sai Geervani Ch.Sai Charitha Ch.K.Kartheek	Less than 5 yrs.	67.5

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7. Details of Faculty Turnover:

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
Dr.N.Rama Rao, Dr.Narendra Babu, Prof.K.N.Rajini Kanth, Dr.K.Lakshmi, Dr.N.L.Prasanthi, S.S.Mani Kiran, Dr.S.T.V.Raghavamma, Dr.P.Venkata Suresh, P.Sharmila Nirojini, B.Vasundhara, Dr.A.E.Prabahar, B.Vallimanalan, N.V.Rama Rao, S.Radhika, Dr.V.Venkata Rso, M.Venkata Ramana, K.Vijay Kumar, Md.Gulshan, G.Nagamalleswari, G.Nagaraju, Sk.Shafiya Begum, N.Santhi Priya, P.Prachet, D.Eswar Tony, K.Renuka Sowjanya, J.Naga Lakshmi, A.Aneesha, K.Swathi, R.Venkateswara Rao, N.Ramalakshmi, M.Manish Kumar Reddy, M.Greeshma, K.Nani Babu, N.Bhargav Kumar, P.Sai Geervani, Ch.Sai Charitha, Ch.Kartheek	% of faculty retained in last 3 years	YES	NO	NO	NO

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8.Number of Non-teaching staff available for B. Pharm course for intake of 100 Students:

Sl. No.	Designation	Required (Minimum)	Required Qualification	Available		Remarks of the Inspection team
				Number	Qualification	
1	Laboratory Technician	1 for each Dept	D. Pharm	4	D.Pharm	
2	Laboratory Assistants / Attenders	1 for each Lab (minimum)	SSLC	5	Inter	
3	Office Superintendent	1	Degree	1	B.A.	
4	Accountant	1	Degree	1	B.Com	
5	Store keeper	1	D. Pharm/ Degree	1	MCA	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	2	BA,PGDCA	
7	Office Staff I	1	Degree	1	B.Com	
8	Office Staff II	2	Degree	2	B.Sc.,	
9	Peon	2	SSLC	4	SSLC	
10	Cleaning personnel	Adequate	---	5		
11	Gardener	Adequate	---	1		

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

(Annexure-X)

Sl. No	Name	Qualification	Designation	Basic pay Rs.	DA Rs.	HRA Rs.	CCA Rs.	Other allowance Rs.	Deductions			Bank A/C No	PAN No
									P T	TDS	EPF		

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

(Inspectors to verify documents pertaining to the above)

All faculty members are actively involved in research work. The following faculty members have already Programme in Acharya Nagarjuna University, Nagarjuna Nagar, Guntur and qualified in their pre-Ph.D e the university obtained Ph.D. Degree.

01. K.N.Rajini Kanth-M.Pharm. (04) N.L.Prasanthi-M.Pharm. 05. K.Lakshmi-M.Pharm., (06) S.S.Mani K (07) P.Venkata Suresh (08) M.Sathish Kumar (09) P.Sharmila Nirojini, 10.STV Raghavamma (11) A.

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

(Inspectors to verify documents pertaining to the above)

Faculty members of Chalapathi Institute of Pharmaceutical Sciences are motivated to participate in various Seminars/Workshops.

12. Scope for the promotion for faculty: Promotions Yes

13. Gratuity Provided No

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

Sl No	Name	Designation	Qualification	Date of Joining	Experience	Signature
01	Sri V.Pradeep Kumar	Librarian	M.Lib	01/07/08	08	
02	Sri Sk.Sanavulla	Comp.Opnr.	B.A.	01/12/06	10	
03	Sri Ch.Manikyala Rao	Accountant	B.Com	25/05/07	09	
04	Sri B.V.S.S.Seshu	Store Asst.	B.Com	01/01/08	08	
05	Sri K.Venkateswarlu	Lab Tech.,	D.Pharm	18/08/06	10	
06	Sri M.Nagamalleswara Rao	Lab Asst.	B.Sc.,	01/09/04	12	
07	Sri G.Raju	Lab Asst.	Inter	01/08/05	11	
08	Sri P.Ramesh Babu	Lab Asst.	10 th	22/09/08	08	
09	Sri N.Rama Brahmam	Office Asst.	B.A.	01/04/09	07	
10	Sri N.Santhi Raju	Lab Asst.	M.L.T.	09/10/09	07	
11	Smt. N.Mariyamma	Sweeper	0	16/08/07	09	
12	Smt.G.Rajeswari	Sweeper	0	16/06/09	07	
13	Sri G.Srinivasa Rao	Lab Asst.	Inter	17/08/10	06	
14	Sri K.Srinivasa Rao	Asst. Librn	Inter	18/09/10	06	
15	G.Aruna Kumari	Lab Asst.	Inter	14/05/13	03	
16	Smt.D.Koteswaramma	Sweeper		19/02/10	06	
17	Sri P.Ramesh	Lab Tech.	Inter	13/04/11	06	
18	Smt.T.Gowri	Lab Asst.	Inter	21/07/11	05	
19	S.Kumari	Lab Asst.	Inter	10/06/10	06	
20	Ch.Santha	Cleaning Personnel	0	15/03/11	05	
21	Sri R.Chandu	Lab Asst.	10 th	01/12/11	05	
22	S.Tulasinadh	Lab Tech.	ITI, Electrician	10/02/13	03	
23	T.Vijay Kumar	Store Keeper	MCA	01/06/13	03	
24	G.Alekhy	Cleaning Personnel	0	02/08/14	02	
25	P.Chinna	Cleaning Personnel	0	01/04/15	02	
26	T.Krishna Veni	Second Division Assistant	Polytechnic	20/05/15	02	
27	D.Venkateswarlu	Lab. Tech	MLT	01/05/15	02	
28	Y.Balachinnaiah	Second Division Assistant	B.Com	01/02/13	04	
29	T.Sai Trinadh	Lab Asst.	Inter	01/01/15	03	

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30	T.Jagadeesh Babu	Lab. Assist	Inter	01/05/15	01	
31	Prabhu Dasu	Gardener	SSC	15/03/17	01	
32	P.Saradalakshmi	Lab. Asst.	SSC	01/07/15	04	
33	A.Sambasiva Rao	Gardener	0	20/06/15	05	
34	K.Venkateswara Rao	Peon	0	01/08/15	10	
35	D.Koteswara Rao	Peon	SSC	01/08/15	10	
36	V.Venkateswara Rao	Gardener	SSC	01/08/15	10	
37	N.Lakshmi Srikanth	Second Division Asst.	MBA	12/04/16	01	
38	P.Gopala Rao	Lab. Tech.	ITI	19/07/16	01	
39	S.Baasheed	Computer Data Operator	BSC	12/06/16	01	
40	T.Lakshman	Lab. Asst.	Inter	01/06/16	01	
41	I.Saritha	Lab Asst.	Inter	04/02/16	01	
42	I.Babu	Lab. Asst.	Inter	10/11/15	01	

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

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PART V - DOCUMENTATION

Records Maintained: Essential

Sl. No	Records	Yes	No	Remarks of the Inspectors
1	Admissions 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		

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PART - VI

**1. Financial Resource allocation and utilization for the past three years:
(Audited Accounts for previous year to be enclosed)**

Sl	Expenditure in Rs. 2014-2015			Expenditure in Rs. 2015-2016			Expenditure in 2016-2017	
No.	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Returnin g	Total budget sanctioned	Recurring
	24310000	21665000	2645000	30000000	13000000	17000000	4785000	10750000

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

Sl	Expenditure in Rs. 2014-2015			Expenditure in Rs. 2015-2016			Expenditure in 2016-2017	
No.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned
	Chemicals	240000	100000	Chemicals	600000	757642	Chemicals	1900000
	Glassware	235000	100000	Glassware	5000000	470524	Glassware	1300000

3. Total amount spent on equipments for the past three years: (Enclose purchase invoice)

Sl	Expenditure in Rs. 2014-2015			Expenditure in Rs. 2015-2016			Expenditure in 2016-2017	
No.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned
	Equipment	95000	60000	Equipment	1500000	1638498	Equipment	5550000

4. Total amount spent on Books and Journals for the past three years:

Sl No.	Expenditure in Rs. 2014-2015			Expenditure in Rs. 2010-2011			Expenditure in R. 2011-2012	
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned
1	Books	150000	100000	Books	400000	370637	Books	1200000
2	Journals	240000	200000	Journals	100000	81459	Journals	800000

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

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PART VII – EQUIPMENT AND APPARATUS**Department wise list of minimum equipments required for B. Pharm (for a batch of 20 students)****DEPARTMENT OF PHARMACOLOGY****Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.
1	Microscopes	20	30
2	Haemocytometer with Micropipettes	20	20
3	Sahli's haemocytometer	20	24
4	Hutchinson's spirometer	01	1
5	Spygmomanometer	10	20
6	Stethoscope	10	20
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands oneslide ofeach organ system	15
8	Models for various organs	One model of each organ system	10
9	Specimen for various organs and systems	One model for each organ system	25
10	Skeleton and bones	One set of skeleton and one spare bone	30
11	Different Contraceptive Devices and Models	One set of each device	5
12	Muscle electrodes	01	4
13	Lucas moist chamber	01	7
14	Myographic lever	01	4
15	Stimulator	01	3

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16	Centrifuge	01	1	
17	Digital Balance	01	2	
18	Physical /Chemical Balance	01	1	
19	Sherrington's Kymograph Machine / Polyrite	10	22	
20	Sherrington Drum	10	22	
21	Perspex bath assembly (single unit)	10	20	
22	Aerators	10	21	
23	Computer with LCD	01	1	
24	Software packages for experiment	01	1	
25	Standard graphs of various drugs	Adequate number	1	
26	Actophotometer	01	1	
27	Rotarod	01	1	
28	Pole climbing apparatus	01	1	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01	1	
30	Convulsiometer	01	1	
31	Plethysmograph	01	1	
32	Digital pH meter	01	1	

Apparatus:

Sl. No.	Name	Minimum required No.s	Available Nos.	
1	Folin-Wu tubes	60	60	
2	Dissection Tray and Boards	10	22	
3	Haemostatic artery forceps	10	10	
4	Hypodermic syringes and needles of size 15,24,26G	10	20	
5	Levers, cannulae	20	0	

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

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DEPARTMENT OF PHARMACOGNOSY**Equipment:**

Sl. No.	Name	Minimum required Nos.	Available Nos.
1	Microscope with stage micrometer	20	22
2	Digital Balance	02	2
3	Autoclave	02	2
4	Hot air oven	02	1
5	B.O.D.incubator	01	1
6	Refrigerator	01	1
7	Laminar air flow	01	1
8	Colony counter	02	1
9	Zone reader	01	1
10	Digital pH meter	01	1
11	Sterility testing unit	01	1
12	Camera Lucida	20	31
13	Eye piece micrometer	20	20
14	Incinerator	01	1
15	Moisture balance	01	1
16	Heating mantle	20	20
17	Flourimeter	01	1
18	Vacuum pump	02	2
19	Micropipettes (Single and multi channeled)	05	2
20	Micro Centrifuge	01	1
21	Projection Microscope	01	1

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.
1	Reflux flask with condenser	20	20
2	Water bath	20	20
3	Clavengers apparatus	10	10
4	Soxhlet apparatus	10	10
6	TLC chamber and sprayer	10	10
7	Distillation unit	01	01

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

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.
1	Hot plates	05	5
2	Oven	03	3
3	Refrigerator	01	2
4	Analytical Balances for demonstration	05	20
5	Digital balance 10mg sensitivity	10	10
6	Digital Balance (1mg sensitivity)	01	01
7	Suction pumps	06	8
8	Muffle Furnace	01	1
9	Mechanical Stirrers	10	10
10	Magnetic Stirrers with Thermostat	10	10
11	Vacuum Pump	01	20
12	Digital pH meter	01	2
13	Microwave Oven	02	2

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.
1	Distillation Unit	02	2
2	Reflux flask and condenser single necked	20	29
3	Reflux flask and condenser double / triple necked	20	20
4	Burettes	100	101
5	Arsenic Limit Test Apparatus	25	26
6	Nessler's Cylinders	50	51

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

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DEPARTMENT OF PHARMACEUTICS**Equipment:**

Sl. No.	Name	Minimum Required Nos.	Available Nos.
1	Mechanical Stirrers	20	25
2	Homogenizer	10	13
3	Digital balance	05	6
4	Microscopes	10	15
5	Stage and eye piece micrometers	15	15
6	Brookfield's viscometer	01	1
7	Tray Dryer	01	1
8	Ball mill	01	1
9	Sieve shaker with sieve set	01	1
10	Double cone blender	01	1
11	Propeller type mechanical agitator	05	5
12	Autoclave	01	1
13	Steam distillation still	01	1
14	Vacuum Pump	01	1
15	Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80	10 sets	18
16	Tablet punching machine	01	2
17	Capsule filling machine	01	2
18	Ampoule washing machine	01	1
19	Ampoule filling and sealing machine	01	1
20	Tablet disintegration test apparatus IP	02	2
21	Tablet dissolution test apparatus IP	01	5
22	Monsanto's hardness tester	02	3
23	Pfizer type hardness tester	01	1
24	Friability test apparatus	01	2
25	Clarity test apparatus	01	1
26	Ointment filling machine	01	2
27	Collapsible tube crimping machine	01	1
28	Tablet coating pan	01	1

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29	Magnetic stirrer, 500ml and 1 liter capacity with speed control	05 each 10	10	
30	Digital pH meter	01	2	
31	All purpose equipment with all accessories	01	1	
32	Aseptic Cabinet	01	1	
33	BOD Incubator	02	2	
34	Bottle washing Machine	01	1	
35	Bottle Sealing Machine	01	1	
36	Bulk Density Apparatus	02	2	
37	Conical Percolator (glass/ copper/ stainless steel)	10	15	
38	Capsule Counter	02	2	
39	Energy meter	02	2	
40	Hot Plate	02	2	
41	Humidity Control Oven	01	1	
42	Liquid Filling Machine	01	1	
43	Mechanical stirrer with speed regulator	02	3	
44	Precision Melting point Apparatus	01	1	
45	Distillation Unit	01	1	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	
1	Ostwald's viscometer	20	25	
2	Stalagmometer	20	30	
3	Desiccator*	10	10	
4	Suppository moulds	20	20	
5	Buchner Funnels (Small, medium, large)	05 each	5	
6	Filtration assembly	01	1	
7	Permeability Cups	05	5	
8	Andreason's Pipette	05	5	
9	Lipstick moulds	10	10	

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

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PHARMACEUTICAL BIOTECHNOLOGY

Sl. No.	Name	Minimum required Nos.	Available Nos.	
1	Orbital shaker incubator	01	1	
2	Lyophilizer (Desirable)	01	1	
3	Gel Electrophoresis (Vertical and Horizontal)	01	1	
4	Phase contrast/Trinocular Microscope	01	1	
5	Refrigerated Centrifuge	01	1	
6	Fermenters of different capacity (Desirable)	01	0	
7	Tissue culture station	01	1	
8	Laminar airflow unit	01	2	
9	Diagnostic kits to identify infectious agents	01	1	
10	Rheometer	01	1	
11	Viscometer	01	1	
12	Micropipettes (single and multi channeled)	01 each	2	
13	Sonicator	01	2	
14	Respinometer	01	1	
15	BOD Incubator	01	1	
16	Paper Electrophoresis Unit	01	1	
17	Micro Centrifuge	01	1	
18	Incubator water bath	01	1	
19	Autoclave	01	3	
20	Refrigerator	01	1	
21	Filtration Assembly	01	1	
22	Digital pH meter	01	1	

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

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CENTRAL INSTRUMENTATION ROOM:

Sl. No.	Name	Minimum required Nos.	Available Nos.	
1	Colorimeter	01	3	
2	Digital pH meter	01	1	
3	UV- Visible Spectrophotometer	01	3	
4	Flourimeter	01	1	
5	Digital Balance (1mg sensitivity)	01	1	
6	Nephelo Turbidity meter	01	1	
7	Flame Photometer	01	1	
8	Potentiometer	01	1	
9	Conductivity meter	01	1	
10	Fourier Transform Infra Red Spectrometer (Desirable)	01	1	
11	HPLC	01	2	
12	HPTLC (Desirable)	01	0	
13	Atomic Absorption and Emission spectrophotometer (Desirable)	01	0	
14	Biochemistry Analyzer (Desirable)	01	1	
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	0	
16	Deep Freezer (Desirable)	01	1	
17	Ion- Exchanger	01	1	
18	Lyophilizer (Desirable)	01	1	

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Observation of the Inspectors:

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

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.**

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