

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

<b>Name of the Institution</b>	SLC College OF pharmacy
<b>Complete Postal address:</b>	Hayath nagar,Hyderabad.
<b>Telephone Number with STD Code</b>	040 32212115
<b>Fax No</b>	32212115
<b>Email</b>	principal.slcp@gmail.com
<b>Year of Establishment</b>	2007
<b>Status of the course conducting body</b>	Private

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

**A - I.2**

<b>Name of the Society/Trust/Management (attach documentary evidence)</b>	SATYAM LEARNING CAMPUS EDUCATIONAL SOCIETY
<b>Address</b>	SURVEY NO 17/2 PIGILIPUR (V) HAYATHNAGAR(M) RR( DT) AN 501512
<b>Telephone Number with STD Code</b>	040 32212115
<b>Fax No</b>	32212115
<b>Email</b>	principal.slcp@gmail.com
<b>Website</b>	www.slcsgroup.com

**A - I.3**

<b>Name of the Person to be contacted by phone</b>	SRI T SATYANARAYANA
<b>Designation</b>	SECRETARY AND CORRESPONDENT
<b>Address</b>	PLOT NO 203 KALYANI CLASSIC'S EAST SRINIVASNAGAR AMEI
<b>STD Code</b>	040
<b>Telephone Number</b>	
<b>Office</b>	32212115
<b>Residence</b>	32212115
<b>Mobile</b>	9866502063
<b>Fax No</b>	32212115
<b>Email</b>	tsnarayana2001@yahoo.co.in

**A - I.4**

<b>Name of the Head of the Institution</b>	Dr PUNNAMCHAND LOYA
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Address

PRINCIPAL SURVEY NO 17/2 PIGILIPUR (V) HAYATHNAGAR(M)  
ANDHRAPRADESH. 501512

Signature of the Head of the Institution

Signature of the Ins

## A - I.5

## FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

## a. DETAILS OF AFFILIATION FEE PAID

Name of the Course	Affiliation Fee Paid Upto	Receipt No.	Dated	
B Pharm	2018-19	382658	11/09/2013	

## b. APPROVAL STATUS

Name of the Course	Approved Upto	Intake Approved and Admitted	PCI	State Govt	University
B Pharm	2017-2018	Approved Letter No & Date	32-1120/2013-PCI	E2/8062/2017	12-06-2017
		Approved Intake	60	100	100
		Actually Admitted	60	60	60

## c. STATUS OF APPLICATION

COURSES INSPECTED FOR				
Course	Extension of Approval	Increase in Intake of Seates	Current Intake	Proj
B Pharm	Yes	Yes	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

No

## A - I.6 a

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

Examining Authority:

Degree Course

With complete postal Address, Telephone No. and STD Code. The Registrar, Jawaharlal Nehru, Technological University, Kukatpally, H

Signature of the Head of the Institution

Signature of the Ins

## B - DETAILS OF THE INSTITUTION

## B - I.1

## Name of the Principal

Dr PUNNAMCHAND LOYA

Qualification / Experience	Qualification		Teaching Experience Required	Actual experience
	M. Pharm	Yes	15 years, out of which 5 years as Prof. / HOD	
	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	redu
B Pharm	13/08/2015	Upload the Faculty data on Councils website	Yes	

\* Enclose Documents

## B - I.3

Status of Governing Council	Society
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
Teaching Staff	AICTE/UGC/State Govt.	Yes No	No	No	
Non-Teaching Staff	State Government	Yes No	No	No	

## B - I.5

B Pharm Course: Admission statement for the past three year

ACADEMIC YEAR	2015-2016	2016-2017
Sanctioned	60	60
No. of Admissions	56	26
Unfilled Seats	4	34
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	86	88
2nd Year	91	82
3rd Year	87	88
Final Year	89	84
Pass % (Final Year)	89	84

## B - II

Co-Curricular Activities / Sports Activities

<b>Whether college has NSS Unit</b>	Yes
<b>If no give reasons</b>	
<b>NSS Program Officer's Name</b>	Mr S SAIDULU
<b>Programme Conducted Details</b>	Campus cleaning and plantations on 14 th August 2015 in conn of IndependenceDay Conducted mass Blood donation camp org Educational Society's institutions in connection with World AIDS 201` 2 Health awareness programme at pigilipur village regardi products by final year B.pharm students on 31 st MAY 2016 BE MILK HEALTH AWARENESS PROGRAMME CONDUCTED AT KOTI 26 2017 CONNECTION WITH REPUB
<b>Whether students participating in University level cultural activities/Co-curricular/Sports activities</b>	Yes
<b>Physical Instructor</b>	Available
<b>Sports Ground</b>	Individual

Signature of the Head of the Institution

Signature of the In:

**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 o
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants		CAPITAL EXPENDITURE			
	a. Government	0.00				
	b. Others	0.00				
2.	Tuition Fee	5495000.00	1.	Building	0.00	
3.	Library Fee	255000.00	2.	Equipment	640000.00	
4.	Sports Fee	0.00	3.	Others	0.00	
5.	Union Fee	0.00	REVENUE EXPENDITURE			
6.	Others	0.00	1.	Salary	4500000.00	
			2.	Maintenance Expenditure		
				i. College	500000.00	
				ii. Others	0.00	
			3.	University Fee	315000.00	
			4.	Apex Bodies Fee	550000.00	
			5.	Government Fee	0.00	
			6.	Deposit held by the College	1500000.00	
			7.	Others	0.00	
			8.	Misc. Expenditure	240000.00	
	<b>Total</b>	<b>5750000.00</b>		<b>Total</b>	<b>7605000.00</b>	

**Note: Enclose relevant documents**

Signature of the Head of the Institution

Signature of the I

**PART- II PHYSICAL INFRASTRUCTURE**

<b>1.</b>	<b>a. Availability of Land (B.Pharm courses)</b>	<b>Available</b>
	a) 2.5 acers District HQ/Corporation/Municipality limit	
	b) 0.5 acre for City/Metros	
	<b>b. Building</b>	<b>Own</b>
	<b>c. Land Details to be in the name of Trust and Society</b>	<b>Enclosed</b>
	i. Own Records to be enclosed	
	ii. Sale deed	
	<b>d. Building</b>	
	i) Approved Building plan, sale deed to be enclosed	<b>Enclosed</b>
	<b>e. Total Built Area of the college building in sq. mts</b>	<b>Built up Area 6090</b>
		<b>Amenities and Circulation Area 3834</b>

**2. Class Rooms**

<b>Total Number of Class rooms provided at the end of 4 Year Course</b>					
<b>Class</b>	<b>Required</b>	<b>Available Numbers</b>	<b>Required Area * for each class room</b>	<b>Available Area in Sq. mts</b>	<b>Rema</b>
<b>B.Pharm</b>	04	6	90 sq. mts each (Desirable) 75 sq. mts each (Essential)	450	

[\* To accomodate 60 students]

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

<b>Sl.No.</b>	<b>Infrastructure for</b>	<b>Requirement As Per Norms</b>	<b>Available No.</b>	<b>Area in Sq.</b>
1	Laboratory Area for B.Pharm Course	90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential	9	75
2	Pharmaceutics	03 Laboratories	4	75
3	Pharmaceutical Chemistry	02 Laboratories	2	75
4	Pharmaceutical Analysis	01 Laboratory	2	75
5	Pharmacology	02 Laboratories	2	75
6	Pharmacognosy	01 Laboratories	1	75
7	Pharmaceutical Biotechnology	01 Laboratory	1	75
8	Preparation Room for each lab	10 sq mts (minimum)	1	15
9	Area of the Machine Room	80-100 Sq.mts	1	100
10	Central Instrumentation Room	80 Sq.mts with A/ C	1	100
11	Store Room I	1 (Area 100 Sq mts)	1	75
12	Store Room II	1 (Area 20 Sq mts)	1	20

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

- All the Laboratories should be well lit & ventilated.
- All Laboratories should be provided with basic amenities and services like exhaust fans and fuming chamber to reduce whenever necessary.
- The workbenches should be smooth and easily cleanable preferably made of non-absorbant material.
- The water taps should be non-leaking and directly installed on skins Drainage should be efficient.
- Balance room should be attached to the concerned laboratories.

**4. Administration Area**

<b>Sl. No.</b>	<b>Name of Infrastructure</b>	<b>Requirements as per Norms (in Number)</b>	<b>Requirements as per Norms (in Area)</b>	<b>Available</b>	
				<b>No.</b>	<b>Area in Sq.mts</b>
1	Principal's Chamber	01	30 Sq. mts	1	40

2	Office - I - Establishment	01	60 Sq. mts	1	75
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 in Sq.mts
1	HODs for B.Pharm course	Minimum 4	20 Sq. mts x 4	4	20
2	Faculty Rooms for B.Pharm course		10 Sq. mts x n (n=No. of teachers)	4	20

**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 in Sq.mts
1	Animal House	01	80 Sq. mts	1	100
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	200
5	Seminar Hall	01		1	150
6	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	1	200

**7. Student Facilities**

Sl. No.	Name of Infrastructure	Requirements as per Norms (in Number)	Requirements as per Norms (in Area)	Available	
				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	1	24
4	Toilet Blocks for Boys	01	24 Sq. mts	1	24
5	Drinking Water facility - Water cooler (Essential)	01	--	1	10
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	1	300
7	Girls's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20 Sq.mts/Room (Triple occupancy)	1	600
8	Power Backup Provision (Desirable)	01	--	1	100

**8. Computer and other Facilities**

Name	Required	Available	
		No.	Area in Sq.mts
Computer Room B.Pharm Course	01 (Area 75 Sq. mts)	1	89
Computer (Latest Configuration)	1 system for every 10 students (UG & PG)	45	200
Printers	1 Printer for every 10 computers	2	25

Multi Media Projector	01	1	5
Generator (5KVA)	01	1	100

**9. Amenities(Desirable)**

Name	Requirment as per Norms in area	Available		Not Available
		No.	Area in Sq.mts	
Principal Quarters	80 Sq. Mtr.	0	0	
Staff Quarters	16 x 80 Sq. mts	0	0	
Canteen	100 Sq. mts	1	250	
Parking Area fro staff and students		1	200	
Bank Extension Counter		0	0	
Cooperative Stores		0	0	
Guest House	80 Sq. mts	0	0	
Transport Facility for students		20	500	
Medical Fecilities(First Aid)		1	50	

**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	332	3027
2	Annual Addition of Books		100 to 150 books per year	30	300
3	Periodicals Hard Copies/Online		10 National 05 International periodicals	5	5
4	CDS		Adequate Nos	3	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				Avail
8	Library timings				8.00AM T

**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 be present spacious.

Class	Theory	Practicles	Remarks of the Inspector
B. Pharm	15:1	15:1	

## 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 :	40	Winter :	

## 5. Total No. of working days

210

## 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 fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class
PHARMACEUTICAL INORGANIC CHEMISTRY	51	52	51	51	1
PHARMACEUTICAL ORGANIC CHEMISTRY-1	72	72	51	51	1
ANATOMY PHYSIOLOGY AND HEALTH EDUCATION-1	54	58	51	51	1
DISPENSING AND GENERAL PHARMACY	72	76	51	54	1
REMEDIAL MATHS	72	72	0	0	1
PROFESSIONAL COMMUNICATION IN ENGLISH	54	54	0	0	1
PHYSICAL PHARMACY-I	72	75	51	51	1
PHARMACEUTICAL CHEMISTRY-2	68	70	51	51	1
STATISTICAL METHODS AND COMPUTER APPLICATIONS	51	51	0	0	1
ANATOMY PHYSIOLOGY AND HEALTH EDUCATION-II	68	70	0	0	1

## B Pharm II

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 fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class
PHARMACEUTICAL UNIT OPERATIONS I	72	74	51	51	1
PHYSICAL PHARMACY I	72	72	51	51	1
PHARMACEUTICAL ORGANIC CHEMISTRY-III	72	72	51	51	1
PHARMACOGNOSY I	72	76	54	57	1



PHARMACEUTICAL ANALYSIS I	74	74	51	51	1
PHARMACEUTICAL UNIT OPERATIONS II	72	72	54	54	1
BIOCHEMISTRY	74	74	51	51	1
PHARMACEUTICAL JURISPRUDENCE	54	56	0	0	1
PHYSICAL PHARMACY II	74	74	51	51	1
HERBAL DRUG TECHNOLOGY	54	54	0	0	1

## B Pharm III

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 fulfill Prescribed No of Hours as in Column 5 No. of classes x hour class
PHARMACEUTICAL ANALYSIS-I	72	74	54	54	1
PHARMACEUTICAL MICROBIOLOGY	72	73	54	57	1
PHARMACOGNOSY-II	72	75	54	57	1
PHARMACEUTICAL TECHNOLOGY-1	72	74	54	54	1
PHARMACOLOGY-I	72	73	0	0	1
PHARMACOLOGY-II	72	74	54	55	1
PHARMACEUTICAL TECHNOLOGY-II	72	74	54	57	1
MEDICINAL CHEMISTRY-I	72	72	54	54	1
PHARMACEUTICAL JURISPRUDENCE	72	72	0	0	1
CHEMISTRY OF NATURAL DRUGS	72	74	51	51	1
ADVANCED COMMUNICATION SKILLS LAB	0	0	51	51	1

## B Pharm IV

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 fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class
MEDICINAL CHEMISTRY II	72	74	51	51	1
PHARMACEUTICAL ANALYSIS-II	72	72	51	51	1
BIOPHARMACEUTICS AND PHARMACOKINETICS	72	72	51	51	1
PHARMACOLOGY-III	74	74	53	53	1
PHARMACY ADMINISTRATION	51	51	0	0	1
PHARMACOGNOSY-III	72	72	51	51	1
NOVEL DRUG DELIVERY SYSTEMS AND REGULATORY AFFAIRS	72	74	51	51	1
PHARMACEUTICAL BIOTECHNOLOGY	72	72	51	51	1
CLINICAL PHARMACY AND PHARMACOTHERAPEUTICS	51	51	0	0	1
INDUSTRATION AND SEMINAR	0	0	51	51	1
PROJECT WORK	0	0	51	51	0
COMPREHENSIVE VIVA	0	0	0	0	0
HUMAN VALUES AND PHARMACEUTICAL ETHICS	51	51	0	0	1

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

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

Name of the Event	2015-2016	2016-2017	2
Guest Lectures	5	4	
Seminars	2	2	
Workshops	2	2	
Symposia	1	1	

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

	2015-2016		2016-2017		2
	National	International	National	International	National
<b>Published</b>	3	2	5	5	3
<b>Presented</b>	3	4	5	5	2

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

Class	I Sessional Dates		II Sessional Dates		III Sessional Dates		Remarks
	Theory	Practicals	Theory	Practicals	Theory	Practicals	
I B. Pharm	09/12/2013	09/12/2013	24/02/2014	24/02/2014	05/05/2014	05/05/2014	
II B. Pharm	10/02/2014	10/02/2014	07/04/2014	07/04/2014	07/04/2014	07/04/2014	
III B. Pharm	--	--	--	--	--	--	
IV B. Pharm	10/02/2014	10/02/2014	07/04/2014	07/04/2014	07/04/2014	07/04/2014	

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

Class	No of Candidates scored more than 80%		No of Candidates scored 60% - 80%		No of Candidates scored 50% - 60%		No of Candidates scored less than 50%	
	Theory	Practicals	Theory	Practicals	Theory	Practicals	Theory	Practicals
I B.Pharm	7.00	9.00	17.00	17.00	2.00	0.00	0.00	0.00
II B.Pharm	8.00	33.00	41.00	17.00	1.00	0.00	0.00	0.00
III B.Pharm	13.00	35.00	31.00	22.00	13.00	0.00	0.00	0.00
IV B.Pharm	14.00	42.00	34.00	14.00	8.00	0.00	0.00	0.00

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

S.No.	Name of Faculty	Subjects Taught	B. Pharm								Total Work Load	
			I		II		III		IV			
			Th	Pr	Th	Pr	Th	Pr	Th	Pr		
1	Dr. BALAJI KUNCHITHAPATHAM	PHARMACEUTICAL UNIT OPERATIONS 1	0	0	4	0	4	0	0	0	0	8
2	Dr. srikanth gupta	BIO PHARMACEUTICS AND PHARMACO KINETICS	0	0	0	0	0	0	4	0	0	4
3	Miss. AKKENAPALLY VANAJA	PHARMACEUTICS 1	4	0	0	0	0	0	0	0	0	4
4	Miss. KADARI MANJULA	ANATOMY AND PHYSIOLOGY AND HEALTH EDUCATION	4	0	0	0	0	0	0	0	0	4
5	Miss. PEDDI INDRANI	HOSPITAL AND CLINICAL PHARMACY	0	0	4	0	0	0	0	0	0	4
6	Miss. PEDDI MANASA GANGOTHRI	PHARMACEUTICAL MICROBIOLOGY	0	0	0	0	0	6	0	0	0	6
7	Miss. PRAGYAN MISHRA	PHARMACOGNOSY 3	0	0	0	0	0	0	0	6	0	6
8	Miss. RAMANASRI	PHARMACEUTICAL ANALYSIS 1	0	0	4	3	0	0	0	0	0	7
9	Mr. BHARATH KUMAR	BIOPHARMACEUTICS AND PHARMACO KINETICS	0	0	0	0	0	0	0	6	0	6
10	Mr. DASARAPALLI SUDHEER	PHARMACEUTICS 1	0	6	0	0	0	0	0	0	0	6
11	Mr. DHEERAVATH SAIDA NAIK	PHARMACEUTICAL ANALYSIS 1	0	6	0	0	0	0	0	0	0	6
12	Mr. G JAGADISH	PHARMACEUTICAL TECHNOLOGY 1	0	0	0	0	0	6	0	0	0	6
13	Mr. KODATI PRAKASH	PHARMACOGNOSY 2	0	0	0	0	0	6	0	0	0	6
14	Mr. LOKA NITHESH KUMAR	PHARMACEUTICAL MICROBIOLOGY	0	0	0	0	4	0	0	0	0	4
15	Mr. MANDIPALLI RAJESH	PHARMACEUTICAL INORGANIC CHEMISTRY	0	6	0	0	0	0	0	0	0	6
16	Mr. MANGULAL KETHAVATH	PHARMACEUTICAL TECHNOLOGY 1	0	0	0	0	4	0	0	0	0	4
17	Mr. MEKALA RAVI PRAKASH	PHARMACOGNOSY 1	0	0	4	3	0	0	0	0	0	7
18	Mr. MEKALA REKHA	PHARMACOLOGY 3	0	0	0	0	0	0	0	6	0	6

19	Mr. NARESH PUNUGURI	PHARMACEUTICAL ANALYSIS 1	0	0	0	0	0	6	0	0	6
20	Mr. P RAJESH CHODARY	PHARMACEUTICAL ORGANIC CHEMISTRY 3	0	0	0	3	0	0	0	0	3
21	Mr. PUSAPATI VAMSI RAJA SEKHARA REDDY	PHARMACEUTICAL ORGANIC CHEMISTRY 3	0	0	4	0	0	0	0	0	4
22	Mr. RASAMALLA MAHESH	PHARMACOLOGY 1	0	0	0	0	4	0	0	0	4
23	Mr. S SAIDULU	ANATOMY AND PHYSIOLOGY	4	0	0	0	0	0	0	0	4
24	Mrs. POOJARI SHAILAJA	ANATOMY AND PHYSIOLOGY AND HEALTH EDUCATION	0	6	0	0	0	0	0	0	6
25	Mrs. VANGALA PRIYANKA REDDY	MEDICINAL CHEMISTRY 3	0	0	0	0	0	0	0	6	6

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

Details	Year : 2015-2016	Year : 2016-2017
No of Students Appeared	5	6
No of Student Qualified	2	3
Percentage	40	50

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

Events	Details For thr previous Year
No of Industrial Visits	2
Industrials Tour	3
Industrial Training	4
No of resourse persons from the Industry for Guest Lectures	5
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	22	18
% Percentage	18	17

### 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 I

## PART IV - PERSONNEL

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

### 2. Qualification and Number of Staff Members

	Qualification			
	B Pharm	M Pharm	PhD	
	44	11	0	3

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

	No. of staff required for I B. Pharm	Available	No. of staff required for II B. Pharm	Available	No. of staff required for III B. Pharm	Available	No rec IV
Principal	1		1		1		1
Pharmaceutical Chemistry	1	1	2	0	3	0	4
Pharmaceutical	1	0	--	0	--	0	1

<b>Analysis</b>							
<b>Pharmacology</b>	1	0	2	0	3	0	4
<b>Pharmacognosy</b>	1		2		3		3
<b>Pharmaceutics</b>	1	0	2	0	3	0	4
<b>Total</b>	6		9		13		17
<b>Part Time teaching staff</b>	3		--		--		--
<b>Remarks of the Inspection Team</b>							

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

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

Department / Division	Name of the post	For strength of 60 students	Provided by the institution	Remarks of inspection team
Department of Pharmaceutics	Professor	1	1	
	Asst. Professor	1	10	
	Lecturer	4	0	
Department of Pharmaceutical Chemistry (including Pharmaceutical Analysis)	Professor	1	0	
	Asst. Professor	1	3	
	Lecturer	4	0	
Department of Pharmacology	Professor	1	0	
	Asst. Professor	1	9	
	Lecturer	3	0	
Department of Pharmacognosy	Professor	1	0	
	Asst. Professor	1	3	
	Lecturer	2	0	

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

- Whether Recruitment Committee has been formed
- Whether Advertisement for vacancy is notified in the Newspapers
- Whether Demonstration Lecture has been conducted
- Whether opinion of Recruitment Committee Recorded

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

Name of Faculty Member
0
0
MR SAIDULU MR K MANGULAL MR G JAGDEESH
Dr PUNNAM CHAND LOYA DR K BALAJI DR SRIKANTH MR D SUDHEER MS MANASA GANGOTHRI MISS A VANAJA MR C BHARATH KUMAR MRS P SAILAJA MISS P INDRANI MR R MAHESH MISS K MANJULA MR D SAIDA NAIK MR M RAJESH MR T NARESH MR P RAJESH MR NITESH KUMAR MISS V RAMANA SREE MRS V PRIYANKA REDDY MISS PRAGYA MISHRA MR KSB PRAKASH MR VAMSI RAJASEKHARA REDDY MR RAVI PRAKASH MISS REKHA

#### 7. Details of Faculty Turnover

Name of Faculty Member	Period	% of faculty retained
Dr PUNNAM CHAND LOYA DR K BALAJI DR SRIKANTH MR SAIDULU MR K MANGULAL MR G JAGDEESH MR D SUDHEER MS MANASA GANGOTHRI MISS A VANAJA MR C BHARATH KUMAR MRS P SAILAJA MISS P INDRANI MR R MAHESH MISS K MANJULA MR D SAIDA		

NAIK MR M RAJESH MR T NARESH MR P RAJESH MR NITESH KUMAR MISS V RAMANA SREE MRS V PRIYANKA REDDY MISS PRAGYA in last 3  
MISHRA MR KSB PRAKASH MR VAMSI RAJASEKHARA REDDY MR RAVI PRAKASH MISS REKHA yrs

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

SI No.	Designation	Required Number	Required Qualification	Available Number	Qualification	Re In
1	Laboratory technician	1 for each Dept	D. Pharm	6	B PHARM	
2	Laboratory Assistants/ Attenders	1 for each Lab (minimum)	SSLC	5	INTER	
3	Office Superintendent	1	Degree	1	B SC	
4	Accountant	1	Degree	4	SSC	
5	Store keeper	1	D. Pharm/ Degree	1	8 TH CLASS	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	0		
7	First Division Assistant	1	Degree	0		
8	Second Division Assistant	2	Degree	1	SSC	
9	Peon	2	SSLC	1	5THCLASS	
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	F
										PT	TDS	EPF		
1	G JAGADISH	B Pharm, M Pharm,	Associate Professor	8000	0	0	0	0	0	0	150	0	402001011003020	APS
2	S SAIDULU	B Pharm, M Pharm, D Pharm,	Associate Professor	32000	0	0	0	0	0	0	150	0	402001141000824	EPV
3	MANGULAL KETHAVATH	B Pharm,	Associate Professor	8000	200	2000	1000	250	100	0	0	0	0	AYC
4	srikanth gupta	B Pharm,	Professor & HOD	30000	1000	5000	1000	2000	2500	1000	1500	1500		CBC
5	AKKENAPALLY VANAJA	B Pharm,	Asstt. Professor	32000	1500	2000	1500	2500	1000	1000	1500	1000		BGA
6	BHARATH KUMAR	B Pharm,	Associate Professor	32000	1000	1500	1000	1500	1000	1000	1500	1000		APF
7	MEKALA RAVI PRAKASH	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1500	1000	1000	1800	1000		BNC
8	KODATI PRAKASH	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1500	1000	1000	1500	1000		AYV
9	DHEERAVATH SAIDA NAIK	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1500	1000	1000	1000	1000		CMS
10	PUSAPATI VAMSI RAJA SEKHARA REDDY	B Pharm,	Asstt. Professor	32000	0	0	0	0	0	0	0	0		BH
11	BALAJI KUNCHITHAPATHAM	B Pharm,	Professor	46000	1000	1500	1000	1500	1500	1000	1500	1000		CFL
12	DASARAPALLI SUDHEER	B Pharm,	Asstt. Professor	32000	100	1500	1000	1500	1000	1000	1500	1000		GAX
13	PEDDI INDRANI	B Pharm,	Asstt. Professor	32000	1000	1200	1500	1500	1000	1000	1500	1000		CHC
14	RAMANASRI	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1000	1500	1000	1000	1000		AYM
15	VANGALA PRIYANKA REDDY	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1500	1500	1000	1000	1000		ATZ
16	P RAJESH CHODARY	B Pharm,	Associate Professor	32000	1000	1500	1000	1500	1000	1000	1800	1000		BOF
17	MEKALA REKHA	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1500	1000	1000	1500	1000		CPI
18	LOKA NITESH KUMAR	B Pharm,	Asstt. Professor	32000	0	0	0	0	0	0	0	0	0	AMI
19	MANDIPALLI RAJESH	B Pharm,	Associate Professor	32000	1000	1000	1000	1000	1500	1000	1000	1000		ARV
20	KADARI MANJULA	B Pharm,	Asstt. Professor	3200	1000	1500	1000	1500	1000	1500	1500	1000		DLL
21	RASAMALLA MAHESH	B Pharm,	Asstt.	32000	1000	1500	1000	1500	1000	1000	1800	1000		BEF

			Professor											
22	PEDDI MANASA GANGOTHRI	B Pharm,	Asstt. Professor	32000	1000	1500	1000	1000	1000	1000	1500	1500		CIC
23	PRAGYAN MISHRA	B Pharm,	Asstt. Professor	32000	1000	1000	1500	1000	1500	1000	1000	1000		BQC
24	POOJARI SHAILAJA	B Pharm,	Asstt. Professor	32000	0	0	0	0	0	0	0	0		CPL
25	NARESH PUNUGURI	B Pharm,	Asstt. Professor	32000	0	0	0	0	0	0	0	0		ARF

### 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	F
D ANAND	Accountant	SSC	30/11/2013	6		
M VASUDEVA RAO	Accountant	B SC	11/07/2007	10		
P KIRAN KUMAR	Accountant	B COM	11/07/2007	10		
H SWAMY	Laboratory Technician	B PHARM	21/08/2012	5		
GEETHRANI	Laboratory Assistants	INTER	01/10/2012	5		
G SUBASH	Laboratory Assistants	INTER	05/10/2012	5		
DHANRAJ	Store keeper	8 TH CLASS	16/07/2007	10		
BALA KRISHNA	Laboratory Assistants	SSC	16/07/2007	10		
LAKSHMI	Peon	5THCLASS	15/08/2008	9		
PADMA	Laboratory Assistants	SSC	15/08/2008	9		
NARSHIMA	Accountant	5THCLASS	15/07/2007	10		
SHEKAR	Laboratory Assistants	SSC	16/07/2007	10		
LAXMAN	Second Division Assistant	SSC	16/07/2007	10		
BHANU	Office Superintendent	B SC	25/11/2013	6		
G RAJESH	Laboratory Technician	B PHARM	15/02/2016	2		
A MADHU SAI SRINIVAS	Laboratory Technician	B PHARM	06/10/2015	3		
K NAVEEN	Laboratory Technician	B PHARM	14/07/2015	3		
MALLESH G	Laboratory Technician	B PHARM	01/06/2015	3		
R SURESH KUMAR	Laboratory Technician	B PHARM	03/06/2015	3		

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

Signature of the Head of the Institution

Signature of the Inspector

### PART V - DOCUMENTATION

#### Records Maintained (Essential)

Sl. No.	Records	Yes/No	Remarks of the
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 I

## 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 Rs. 2017-2018		
Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Re
335000	234000	101000	350000	285000	65000	750000	665000	{

**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	Incurred	R I
<b>Chemicals</b>	80000	80000	<b>Chemicals</b>	90000	90000	<b>Chemicals</b>	95000	65000	
<b>Glassware</b>	25000	25000	<b>Glassware</b>	35000	35000	<b>Glassware</b>	45000	35000	
<b>Equipment</b>	47000	47000	<b>Equipment</b>	75000	75000	<b>Equipment</b>	400000	380000	
<b>Books</b>	67000	67000	<b>Books</b>	65000	65000	<b>Books</b>	75000	68000	
<b>Journals</b>	15000	15000	<b>Journals</b>	20000	20000	<b>Journals</b>	50000	37000	

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

Signature of the Head of the Institution

Signature of the I

## 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	R
1	Microscopes	15	105	Yes	
2	Haemocytometer with Micropipettes	20	208	Yes	
3	Sahli's haemocytometer	20	229	Yes	
4	Hutchinson's spirometer	1	1	Yes	
5	Spygmomanometer	5	5	Yes	
6	Stethoscope	5	5	Yes	
7	Permanent Slides for various tissues	0	1	Yes	
8	Models for various organs	0	1	Yes	
9	Specimen for various organs and systems	0	1	Yes	
10	Skeleton and bones	0	1	Yes	
11	Different Contraceptive Devices and Models	0	1	Yes	
12	Muscle electrodes	1	1	Yes	
13	Lucas moist chamber	1	1	Yes	
14	Myographic lever	1	1	Yes	
15	Stimulator	1	1	Yes	
16	Centrifuge	1	1	Yes	
17	Electronic Balance	1	1	Yes	
18	Physical /Chemical Balance	1	1	Yes	
19	Sherrington's Kymograph Machine / Polyrite	10	10	Yes	
20	Sherrington Drum	10	910	Yes	
21	Perspex bath assembly (single unit)	10	10	Yes	
22	Aerators	10	10	Yes	
23	Computer with LCD	1	1	Yes	
24	Software packages for experiment	1	1	Yes	
25	Standard graphs of various drugs	0	0	No	
26	Actophotometer	1	1	Yes	
27	Rotarod	1	1	Yes	
28	Pole climbing apparatus	1	1	Yes	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	1	1	Yes	
30	Convulsiometer	1	1	Yes	
31	Plethysmograph	1	1	Yes	
32	Digital pH meter	1	1	Yes	

**Apparatus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	R
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	R
1	Microscope with stage micrometer	15	15	Yes	
2	Digital Balance	2	2	Yes	
3	Autoclave	2	1	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	0	No	
9	Zone reader	1	0	No	
10	Digital pH meter	1	1	Yes	
11	Microscope with stage and oil immersion objective	20	0	No	
12	Sterility testing unit	1	0	No	
13	Camera Lucida	15	0	No	
14	Eye piece micrometer	15	15	Yes	
15	Stage micrometer	20	10	Yes	
16	Incinerator	1	0	No	
17	Moisture balance	1	0	No	
18	Heating mantle	15	10	Yes	
19	Flourimeter	1	1	Yes	
20	Vacuum pump	2	0	No	
21	Micropipettes (Single and multi channeled)	2	2	Yes	
22	Micro Centrifuge	1	1	Yes	



23	Projection Microscope	1	1	Yes	
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**Appratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	R
1	Reflux flask with condenser	20	20	Yes	
2	Water bath	20	20	Yes	
3	Clavengers apparatus	10	0	No	
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	R
1	Hot plates	5	5	Yes	
2	Oven	3	1	Yes	
3	Refrigerator	1	1	Yes	
4	Analytical Balances for demonstration	5	5	Yes	
5	Digital balance 10mg sensitivity	10	5	Yes	
6	Suction pumps	6	0	No	
7	Muffle Furnace	1	0	No	
8	Mechanical Stirrers	10	5	Yes	
9	Magnetic Stirrers with Thermostat	10	0	No	
10	Vacuum Pump	1	0	No	
11	Digital pH meter	1	1	Yes	
12	Microwave Oven	1	0	No	

**Appratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	R
1	Distillation Unit	2	15	Yes	
2	Reflux flask and condenser single necked	20	10	Yes	
3	Reflux flask and condenser double / triple necked	20	10	Yes	
4	Burettes	40	40	Yes	
5	Arsenic Limit Test Apparatus	20	5	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	R
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	2	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	2	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	0	No	
25	Collapsible Tube Crimping Machine	1	0	No	
26	Tablet coating pan	1	1	Yes	
27	Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control.	10	5	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	1	Yes	
32	Bottle washing Machine	1	0	No	
33	Bottle Sealing Machine	1	0	No	
34	Bulk Density Apparatus	2	2	Yes	
35	Conical Percolator (glass/ copper/ stainless steel)	10	3	Yes	
36	Capsule Counter	2	0	No	
37	Energy meter	2	0	No	
38	Hot Plate	2	2	Yes	
39	Humidity Control Oven	1	1	Yes	
40	Liquid Filling Machine	1	0	No	
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	

**Appratus:**

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	R
1	Ostwald's viscometer	15	15	Yes	
2	Stalagmometer	15	15	Yes	
3	Desiccator	5	5	Yes	
4	Suppository moulds	20	20	Yes	
5	Buchner Funnels Small, medium, large	0	0	No	
6	Filtration assembly	1	1	Yes	
7	Permeability Cups	5	2	Yes	
8	Andreason's Pipette	3	3	Yes	
9	Lipstick moulds	10	5	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	R
1	Orbital shaker incubator	1	10	Yes	
2	Lyophilizer (Desirable)	1	10	Yes	
3	Gel Electrophoresis (Vertical and Horizontal)	1	1	Yes	
4	Phase contrast/Trinocular Microscope	1	1	Yes	
5	Refrigerated Centrifuge	1	1	Yes	
6	Fermenters of different capacity (Desirable)	1	1	Yes	
7	Tissue culture station	1	1	Yes	
8	Laminar airflow unit	1	1	Yes	
9	Diagnostic kits to identify infectious agents	1	1	Yes	
10	Rheometer	1	1	Yes	
11	Viscometer	1	1	Yes	
12	Micropipettes (single and multi channeled)	0	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	R
1	Colorimeter	1	1	Yes	
2	Digital pH meter	1	1	Yes	
3	UV- Visible Spectrophotometer	1	1	Yes	
4	Flourimeter	1	1	Yes	
5	Digital Balance (1mg sensitivity)	1	1	Yes	
6	Nephelo Turbidity meter	1	1	Yes	

7	Flame Photometer	1	1	Yes
8	Potentiometer	1	1	Yes
9	Conductivity meter	1	1	Yes
10	Fourier Transform Infra Red Spectrometer (Desirable)	1	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.

**Signature of the Head of the Institution**

**Signature of the**

