# PHARMACY COUNCIL OF INDIA

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

(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	Nalanda Institute of Pharmaceutical Sciences
Name of the Institution:	Kantepudi(v),sattenapali(m),Guntur(Dist),Andhra
Complete Postal address:	pradesh522438
STD code	08641
Telephone No.	237863/64
Fax No.	08641 – 237865
E-mail	sipbpharm@gmail.com
Year of Establishment	2007
Status of the course conducting body:	
Government / University / Autonomous / Aided /	
Private (Enclose copy of Registration documents of	Private Unaided.
Society/Trust)	
A – I .2	
Name, address of the Society/Trust/ Management	Nalanda Educational Society
(attach documentary evidence)	Kantepudi(v), Sattenapali(MD), Guntur(Dt), Andhra
STD Code:	Pradesh522438
Telephone No:	08641
Fax No:	237863/64
E-mail	0864I - 237865,
Web Site:	sipbpharm@gmail.com
	www.ngi.ac.in
A – I .3	Dr. D.R.Brahma Reddy
Name, Designation and Address of person to be	Director, Nalanda Educational Society
contacted by phone	Kantepudi(v), Sattenapali(MD),Guntur(Dt),
STD Code	Andhra Pradesh522438
Telephone No	08641
Office	237863/64
Residence	0.52102057
Mobile No.	9652193857
Fax No	08641-237865 sipbpharm@gmail.com
E-Mail	sipopharmegman.com

A – I. 4	Dr. D.R.Brahma Reddy
Name and Address of the Head of the Institution	Principal & Professor
	Nalanda Institute of Pharmaceutical Sciences
	Nalanda Educational Society
	Kantepudi(v), Sattenapali(MD), Guntur(Dt),
	Andhra Pradesh522438

# A –I . 5 FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

### a. Details of Affiliation Fee Paid

Name of the Course	Affiliation Fee paid up to	Receipt No	Dated	Remarks of the Inspectors
B. Pharm	2019-2020	139357	13.06.2018	

# **b. APPROVAL STATUS:**

Name of the Course	Approved up to	In take Approved and Admitted	PCI	STATE GOVERNMENT	UNIVERSITY	Remarks of the Inspectors
B. Pharm	2018-19	Approval Letter No and Date	32- 774/2017- PCI	2018-19	2018-2019	
		Approved Intake	100	100	100	
		Actually Admitted	Under	processing		

# c. STATUS OF APPLICATION

COURSES INSPECTED FOR						
Faculty / Extension of Approval Increase in Intake of Seats Remarks						Remarks
Subject	t				Current	Proposed increase
					Intake	in Intake
B. Pharm	100	Yes				

**Note: Enclose relevant documents** 

#### A -I. 6

Whether other Education	al Institutions/Courses a	are also being run by	y the Trust / Inst	itution in the
same Building / campus?	If Yes, Give Details			

		Yes		No	
4	– I. 6 a		G A.I. Di		
			Status of the Pl	harmacy Course:	
	Independent Building		$\sqrt{}$		
	Wing of another college				
	<b>Separate Campus</b>				
	Multi Institutional Cam	pus			

**Examining Authority** : JNT University Kakinada-533003

With complete postal Andhra Pradesh India Address, Telephone No. 0884-2300911(office) and STD Code. 0884-2300912(fax)

### **B - DETAILS OF THE INSTITUTION**

B –I .1					
Name of the Princip	ne of the Principal		Dr.D.RBrahma Reddy.		
	Qualifica	tion*	Teaching Experience Required	Actual experience	Remarks of the Inspectors
Qualification/ Experience	M. Pharm	V	17 years	17 years	-
	PhD	1			

<sup>\*</sup> Documentary evidence should be provided

B-I.2

For institution seeking continuation of affiliation

----- Not applicable-----

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied / Not Complied	Intake reduced/Stopped in the last 03 years*
B. Pharm	24 &25 April 2017	Document enclosed	Rectified	N/A

<sup>\*</sup> 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 the Inspectors
Teaching Staff	AICTE	NO	NO	No	
Non- Teaching Staff	State Government	Yes	No	Yes	

# B -I .5

# **B. Pharm Course: Admission Statement for the Past Three Years**

ACADEMIC YEAR	Year 2016-17	Year 2017-18	Year 2018-19
Sanctioned	100	100	100
No. of Admissions	80	71	Under process
<b>Unfilled Seats</b>	20	29	Under process
No. of Excess	Nil	Nil	Nil
Admissions			

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

ACADEMIC YEAR	Year 2015-16	<b>Year 2016-17</b>	<b>Year 2017-18</b>
1 <sup>st</sup> year	70.27	30	53.85
2 <sup>nd</sup> year	34.09	40.02	43.08
3 <sup>rd</sup> year	55.32	65.85	75
Final year			
Pass % (Final Year)	63.24	67.39	90.24

### B - II

# **Co – Curricular Activities / Sports Activities**

Whether college has NSS Unit (Yes/No)?	NO,
If no give reasons	Requisition sent to university
	This is under Progress.
NSS Programme Officer's Name	
Programme conducted (mention details)	
Whether students participating in University level cultural	Yes
activities / Co- curricular/sports activities	
Physical Instructor	Available
Sports Ground	Individual

# 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			
Sl.	Particulars	Amount	Sl.		Particulars	Amount	of the
No.			No.				Inspectors
1.	Grants	0					
	a. Government		CAP	ITAL	EXPENDITU	RE	
	b. Others						
2.	Tuition Fee	28466610	1.	Bui	lding	22500	
3.	Library Fee		2.	Fan	ipment	77830	
3.	Library ree		2.	Equ	принени	77630	
4.	Sports Fee		3.	Oth	ers		
	•						
5.	Union Fee		REVENUE EXPENDIUTRE				
	0.4	000706					1
6.	Others	998706	1	Sala	ıry	17714950	
			2.	MA	INTENANCE		
					PENDITURE		
				i	College		
				ii	Others		
			3.		versity Fee		
			3.	(If a	•		
			4.	,	x Bodies Fee		
			5.		ernment Fee	853398	
			6.	Dep	osit held by		
					College		
			7.	Oth		10896968	
	Total		8.		c.Expenditure		
	I COMI	20165016		,	Γotal	29465316	
		29465316					

**Note: Enclose relevant documents** 

#### PART- II PHYSICAL INFRASTRUCTURE

1. a. Availability of Land (B. Pharm courses) : Available

a)2.5 acres District HQ/Corporation/Municipality limit 2.50acres

b).Building: Owned Independent 3 Stored RCC Building (Total 3,908 Sq.Mt) Exclusively for Pharmacy

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

Sale deed : enclosed as Annexure-I

d. Building<sup>†</sup>:

i) Approved Building plan, to be: Enclosed as Annexure II

e. Total Built Area of the college building in Sq.mts : Built up Area

3,908 sq mts 1641 sq mts

Amenities and Circulation Area

#### 2. Class rooms:

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

Class	Required	Available	Required Area *	Available Area	Remarks of
	Nos	Nos	for each class room	in Sq.mts	the
					Inspectors
B. Pharm	06	06	6 of 90 Sq. mts each	540sq.mt	
			Or	Available	
			4 of 150 Sq. mts with public		
			address system		

<sup>(\*</sup>To accommodate 100 students).

3. Laboratory requirement at the end of 4 Years

Sl.	Infrastructure for	Requirement as per Norms	Available No.	Remarks/
No.			& Area in Sq	Deficiency
			mts	
1	Laboratory Area for B.Pharm Course	90 Sq .mts x n (n=10) -	1300	
	(12 Labs)	Including Preparation room -		
		Desirable		
		75 Sq. mts - Essential		
2	Pharmaceutics	03 Laboratories	03(285 Sq.M)	
	Pharmaceutical Chemistry	02 Laboratories	02(190 Sq.m)	
	Pharmaceutical Analysis	01 Laboratory	01(90 Sq.m)	
	Pharmacology	02 Laboratories	02(190 Sq.m)	
	Pharmacognosy	01 Laboratories	01(100Sq.m)	
	Pharmaceutical Biotechnology	01 Laboratory	01(110 Sq.m)	
	(Including Aseptic Room)			
	Total no. Laboratories for B.Pharm course	10 Laboratories *	(10)	
3	Preparation Room for each lab	10 sq mts	05	
	(One room can be shared by two labs, if it is	(minimum)	(Total :75sq	
	in between two labs)		mts)	
4	Area of the Machine Room	80-100 Sq.mts	175	
5	Central Instrumentation Room	80 Sq.mts with A/ C	85	
6	Store Room – I	1 (Area 100 Sq mts)	100	
7	Store Room - II	1 (Area 20 Sq mts)	50	
	(For Inflammable chemicals)			

<sup>\*</sup>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	Requirement as per	Available		Remarks/ Deficiency
		in number	Norms, in area	No.	Area in Sq .mts	
1	Principal's Chamber	01	30 Sq .mts	1	48.2	
2	Office – I - Establishment					
3	Office – II - Academics	01	60 Sq. mts	1	75	
4	Confidential Room					

#### 5. Staff Facilities:

Sl. No.	Name of infrastructure	Requirement as per Norms	Requirement as per	Available		Remarks/ Deficiency
		in number	Norms, in area	No.	Area in Sq mts	
1	HODs for B.Pharm Course	Minimum 4	20 Sq mts x 4	4	80	
2	Faculty Rooms for B.Pharm course		10 Sq mts x n (n=No of	2	250	
			teachers)			

# 6. Museum, Library, Animal House and other Facilities

Sl.No.	Name of infrastructure	Requireme nt as per	Requirement as per Norms, in area	Available		Remarks/ Deficiency
		Norms in		No.	Area in	
		number			Sq. mts	
1	Animal House	01	80 Sq mts	01	95	
2	Library	01	150 Sq mts	01	160	
3	Museum	01	50 Sq mts	01	60	
			(May be attached to the			
			Pharmacognosy lab)			
4	Auditorium /	01	250 – 300 seating	01	250	
	Multi Purpose		capacity			
	Hall (Desirable)					
5	Seminar Hall	01		01	197.5	
6	Herbal Garden	01	Adequate Number of	01	Adequat	
	(Desirable)		Medicinal Plants		e No	
					(More	
					than 100	
					species)	

# 7. Student Facilities:

Sl.	Name of infrastructure	Requiremen	Requirement	Ava	ailable	Rema	
No.		t as per Norms in number	as per Norms, in area	No.	Area in Sq .mts	rks/ Deficien cy	
1	Girl's Common Room (Essential)	01	60 Sq.mts	01	60		
2	Boy's Common Room (Essential)	01	60 Sq.mts	01	60		
3	Toilet Blocks for Boys	01	24 Sq.mts	01	37.5		
4	Toilet Blocks for Girls	01	24 Sq.mts	01	37.5		
5	Drinking Water facility – Water Cooler (Essential).	01	03(Each floor 01 with 200 lt. Capacity)	03	-		
6	Boy's Hostel (Desirable)	01	9 Sq .mts / Room Single occupancy	01	available		
7	Girl's Hostel (Desirable)	01	9 Sq .mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	01 (at sattenapal li) and another at Guntur	Available		
8	Power Backup Provision (Desirable)	01	Available	01	Available( 25 KVA)		

# 8. Computer and other Facilities:

Name	Required	Available		Remarks of
		No.	Area in Sq. mts	the Inspectors
Computer Room for	01	01	77.5	
B.Pharm Course	(Area 75 Sq mts)			
Computer	1 system for every 10 students	60	PIV ,Latest	
(Latest Configuration)			configuration	
			and LCD	
			Screen	
Printers	1 printer for every 10	6	available	
	computers			
Multi Media Projector	01	02	available	
Generator (5KVA)	01	01	available	_

# 9. Amenities (Desirable)

Name	Requirement	Availal	Available		Remarks/
	as per Norms	No.	Area in	Available	Deficiency
	in area		Sq. mts		
Principal quarters	80 Sq. mts				
Staff quarters	16 x 80 Sq.			$\sqrt{}$	
	mts				
Canteen	100 Sq. mts	01	100.05		
Parking Area for staff and students		02	280,185		
Bank Extension Counter		01	88.19		
Co operative Stores				$\sqrt{}$	
Guest House	80 Sq. mts	01	96.8		
Transport Facilities for students		college Buses			
		and Govt.			
		Buses			
Medical Facility (First Aid)		Dispensary			
		with all			
		facilities			
		available at			
		campus			

# 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.	Item	Titles	Minimum Volumes (No) Available		Remarks	
No.		(No)		Title	Numbers	of the Inspectors
1	Number of books	150	2000 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy	676	3875	
2	Annual addition of		150 to 200 books	150	550	
	books		per year			
3	Periodicals		10 National	20	Available	
	Hard copies / online		05 International periodicals			
4	CDS		Adequate Nos	15	25	
5	Internet Browsing		Yes/No	60	available	
	Facility		(Minimum ten computers)	systems		
	-		_	with		
				Net(Broad		
				band)		
				facility		
6	Reprographic Facilities:					
	Photo Copier		01	01	A 11 - 1-1 -	
	Fax		01	01`	Available	
	Scanner		01	01		
7	Library Automation and	Computeriz	ed System	Available	e(Digital Libr	ary)
8	Library Timings		8.30 AM to 5.30 PM		_	

# 10.B. Library Staff:

	Staff	Qualification	Required	Available	Remarks of the
					Inspectors
1	Librarian	M. Lib	1	01	
2	Assistant Librarian	D. Lib	1	01	
3	Library Attenders	10 +2 / PUC	2	02	

### PART III ACADEMIC REQUIREMENTS

### **Course Curriculum:**

1. Student Staff Ratio: Theory: 1: 60 Practicals: 1:20 Remarks of the Inspectors

(Required ratio --- Theory  $\rightarrow$  60:1 and Practicals  $\rightarrow$  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. Pharm Course: Semester

3. Date of Commencement of session / sessions:

Commencement	Completion
Copy enclosed	Copy enclosed

No of Days

No of Days

4. Vacation: Summer: 45 days Winter: 05days

5. Total No. of working days: 270

6. Time Table: YES

# 7. Whether the prescribed numbers of classes are being conducted as per university norms I B. Pharm-I SEM $\,$

Subject	No of Theory Classes			Remarks of the Inspectors		
1	Prescri bed No of Hrs	No of Hours Conducted	Prescribed No of Hours	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	
			I Seme	ster		
English	48	55	48	51	17	
Remedial Mathematics / Remidial Biology	48	55	48	51	17	
Human Anatomy & Physiology - I	64	64			16	
General & Dispensing Pharmacy	48	50	48	51	17	
Pharmaceutical Organic Chemistry -I	48	53	48	51	17	

	II Semester								
Human Anotomy & Physiology – II	48	50	48	54	18				
Pharm. Inorganic Chemistry	60	63	0	0	21				
Pharm. Organic Chemistry – II	64	64			16				
Physical Pharmacy - I	48	52	48	51	17				
Computer applications and Biostatistics	48	50	48	51	17				

Time Table for B. Pharm course Enclosed

Yes

# II B. Pharm:

	No of Theory Classes					
Subject 1	Prescri bed No of Hrs	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	Remarks of the Inspectors
			I Semes	ter		
Pharmaceutical Unit Operations-I	64	64			16	
Pharmacognosy-1	48	50	48	51	17	
Physical Pharmacy- II	48	52	48	54	18	
Pharmaceutical Microbiology	48	50	48	54	18	
Environmental Science	47	50	50	54	22	
			II Semes	ter		
Pharmaceutical Unit Operations-II	48	52	48	51	17	
Pharmaceutical Analysis-I	48	51	48	51	17	
Pharmacognosy-I	48	54	48	54	18	
Medicinal Chemistry - I	64	64	0	0	16	
Health Education & Pathophysiology	64	64			16	

### III B. Pharm:

	No of Theory Classes			Practicals			
Subject 1	Prescri bed No of Hrs	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		
			I Semest	ter			
Pharmaceutical Biochemistry	48	55	48	54	18		
Medicinal Chemistry - II	48	54	48	51	17		
Pharmaceutical Technology-I	48	51	48	54	18		
Pharmacology-I	48	55	48	51	17		
Pharmaceutical Management	48	52	0	0	16		
			IISen	nester			
Pharm.Technology - II	48	51	48	51	17		
Pharmaceutical Biotechnology	48	53	48	51	17		
Pharmacology-II	48	51	48	54	18		
Medicinal chemistry-III	48	54			17		
Regulatory affairs,IPR and Patents	64	64			16		

# IV B. Pharm:

Subject	No of Theory Classes			Remarks of the Inspectors				
	Prescribed	No of	Prescribed	No of	No of Classes			
	No of Hrs	Hours	No of	Hours	Conducted to fulfill			
1		Conducted	Hours	Conducted	Prescribed Number of			
	2	3	4	5	Hours as in Column 5			
					No. of classes x hours			
					per class			
I semester								
Pharmaceutical Analysis-II	48	51	48	51	17			

Bioassays &	48	50	48	54	18	
Toxicology		20		٥.		
Chemistry of Natural	48	52	48	51	17	
Products	40	32	40	31	17	
Hospital and						
Community	48	51	0	0	17	
Pharmacy						
Pharmaceutical	48	54			18	
Jurisprudence	40	54			18	
			II Semest	ter		
Biopharmaceutics						
and	48	52	48	51	17	
Pharmacokinetics						
Clinical Pharmacy,						
Therapeutics &	48	54	0	0	18	
Pharmacovigilance						
Controlled release						
and Novel drug	48	54	0	0	18	
delivery systems						
Quality Assurance,	40	E1	40	<b>51</b>	17	
GMP, GLP	48	51	48	51	17	
Project work						
Project Seminar						
Comprehensive Viva						

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

Yes	YES	No	
		· ·	

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

A.

Name of the Event	Year 2015-16	Year 2016-17	Year 2017-18
Guest Lectures	05	06	04
Seminars	01	01	01
Workshops	01	01	01
Symposia	0	0	0

# B. Papers Presented / Published during last three years

	Year 2015-16		Year	2016-17	<b>Year 2017-18</b>	
	National	International	National	International	National	International
Published	05	05	07	04	08	08
Presented	06	06	05	6	04	04

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

Yes	V	No	
ICS		110	

Class	I Sessional Dates DD/MM/YY		DD/MM/YY DD/MM/YY		III Sessio DD/M	Remarks of the Inspectors	
	Theory	<b>Practicals</b>	Theory	<b>Practicals</b>	Theory	<b>Practicals</b>	
I B. Pharm			-	-			
II B.	03.09.2018		05.11.2018	13.11.2018			
Pharm							
III B.	06.08.2018		08.10.2018	15.10.2018			
Pharm							
IV B.	06.08.2018		08.10.2018	15.10.2018			
Pharm							

11. Whether Evaluation of the internal assessments is Fair	Yes	V	No	
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Class	scored m	No. of Candidates scored more than 80%		No. of Candidates scored between 60 - 80%		No. of Candidates scored between 50 - 60%		o. of lidates nan 50%	Remarks of the Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I B.Pharm	20	20	30	28	28	28			
II B.Pharm	25	25	30	23	23	23			
III B.Pharm	15	15	35	28	28	28			
IV B.Pharm	20	20	15	7	7	7			

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

Sl. No	Name of the Faculty	Subjects taught		B. Pharm	Total work load	Specific Remarks of the
			Th	Pr		Inspector
1.		Pharmaceutical	4	3	7	
	Dr.D R BRAHMA REDDY	Organic Chemistry-I	4	3	/	
2.		Pharmacognosy -I				
		Pharmaceutical	8	6	14	
	.K.Soban Babu	Management				
3.		Human Anatomy &				
		Physiology – II				
		Clinical Pharmacy,	8	6	14	
		Therapeutics				
	K.Sravanthi	&Pharmacovigilance				
4.		Pharmaceutical				
		Organic Chemistry-I	8	12	20	
		Pharmaceutical	J	12	20	
	R.RAJINI	Analysis -II				
5.		Pharmacognosy -I				
		Pharmaceutical	8	6	14	
	SK.ARSHAD ALI	Management				
6		Pharmaceutical Unit				
		Operations - I	8	6	14	
		Pharmaceutical	Ü			
	T.Mahesh	Technology -II				
7		Human Anatomy &				
		Physiology – II				
		Clinical Pharmacy,	8	6	14	
		Therapeutics				
0	M.Kiran	&Pharmacovigilance				
8		Pharmaceutical Unit				
		Operations –II	8	12	20	
	X7 A 1 1 1 1	Pharmaceutical				
0	Y.Ashok babu	Microbiology				
9		Pharmaceutical				
		Biochemistry				
		Medicinal Chemistry	12	6	18	
		-   Modicinal Chamistry				
	A DDAVEENA	Medicinal Chemistry				
10	A.PRAVEENA	Pharmaceutical Unit				
10						
		Operations - I Pharmaceutical	8	6	14	
	V Mahash baku					
L	K.Mahesh babu	Technology -II				

1.1		151		1	T			
11		Pharmaceutical						
		Biochemistry						
		Medicinal Chemistry	12	6	18			
		-1	± <b>-</b>					
		Medicinal Chemistry						
	D.Lavanya	- 111						
12		Pharmaceutical						
		Biochemistry	8	12	20			
		Pharmaceutical			0   12	12	20	
	B.TRIVENI	Analysis - I						
13		Pharmaceutical						
		Biochemistry	8	12	20			
		Pharmaceutical	O	12	20			
	Y.Lavanya	Analysis - I						
14		Physical Pharmacy -						
		II	8	12	20			
		Biopharmaceutics &	O	14	20			
	K.Anil babu	Pharmacokinetics						
15		Pharm. Inorganic						
		Chemistry						
		Medicinal Chemistry	12	6	18			
		- II	12	0	10			
		Regulatory Affairs,						
	G.Balaji	IPR & Patents						
16		Pharm. Organic						
		Chemistry – II	8	6	14			
		Chemistry of Natural	ð	6	14			
	B.RAVI	Products						
17		Remedial Biology						
		Pharmacology - I	12		21			
		Bio assays &	12	9	21			
	P.Eswar rao	Toxicology						
18		Pharm. Inorganic						
		Chemistry						
		Medicinal Chemistry	12		10			
		- II	12	6	18			
		Regulatory Affairs,						
	T.KALYAN	IPR & Patents						
19		Pharmaceutical						
		Technology - I						
		Pharmaceutical						
		Jurisprudence	12	6	18			
		Controlled release &						
		Novel Drug Delivery						
	G.PAVANI	Systems						
20		General &						
		Dispensing Pharmacy						
		Health Education &	12	6	18			
		Pathophysiology		_				
	K.DIVYA	Pharmacology -I						
	1			1	l	1		

21		Physical Pharmacy -							
21									
		Biopharmaceutics &	8	12	20				
	P.Veeranjneyulu	Pharmacokinetics							
22	22121191127 2012	Physical Pharmacy –							
		1							
		Pharm.	8   12	8 12	8	8   1	12	20	
	K.NAGMA	Biotechnology							
23		Human Anatomy &							
		Physiology – I							
		Pharmacology - II	12	6	40				
		Hospital &	12	6	18				
		Community							
	K.Venkateswarlu	Pharmacy							
24		Pharmaceutical							
		Organic Chemistry-I	8	12	20				
		Pharmaceutical	0	12	20				
	Y.Balaji	Analysis -II							
25		Pharmaceutical Unit	T						
		Operations –II	8	12	20				
		Pharmaceutical	0	12		20			
	J.SIVA SHANKAR	Microbiology							
26		Pharmaceutical							
		Technology - I							
		Pharmaceutical							
		Jurisprudence	12	6	6 18				
		Controlled release &							
		Novel Drug Delivery							
27	Ch.Sunil kumar	Systems							
27		Pharmaceutical							
		Jurisprudence Pharmaceutical							
		Inorganic C hemistry	11	3	14				
		Quality Assurance,							
	D.VENKATA REDDY	GMP, GLP							
28		Human Anatomy							
		and Physiology I–		_					
		Theory	6	8	14				
	J.LAKSHMI PRASAD	Biochemistry							
29		Pharmaceutical							
		Analysis I							
		Pharmaceutical	6	8	14				
		Organic Chemistry							
	K.VENKATESH NAIK	I							
30		Pharmaceutical							
		Inorganic							
		Chemistry –		2					
		Theory, Human	6	8	14				
		Anatomy and							
	SYED RIHANA	Physiology II							
	<u> </u>	, , - GJ			<u> </u>	1			

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

Details	Year 2015-2016	Year 2016-17	Year 2017-18
No. of Students Appeared	25	20	15
No. of Students Qualified	5	4	5
Percentage	20	20	33

# 14. Whether the Institution has an Industry – Institution Interaction cell If applicable please give the details for the previous Year

Yes

Events	<b>Details for the Previous Year</b>
No. of Industrial visits	01
Industrial Tour	01
Industrial Training	01
<b>No. of Resource Persons from the Industry for Guest Lectures</b>	05
No. of Collaboration projects with Industry	03

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

Year	Year 2015-2016	Year 2016-17	Year 2017-18
No. of students appeared for campus interview	20	15	25
% Placed	10	5	10

<b>16.</b> <sup>1</sup>	Whether	<b>Professional</b>	<b>Society</b>	Activities	are C	onducted
(En	closeDeta	ils)				

No

(ISTE, IPA, APTI, ICTA and Related Societies)

# **PART IV - PERSONNEL**

# **TEACHING STAFF:**

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

S.no	Names	Designat ion	Qualification		Date of Joining	Teaching Experien ce After PG	State Pharma cy Council Reg No.	Signatu re of the faculty	Remark s of the Inspect ors
1.	Dr.D R BRAHMA REDDY	Principal / Professor	M.Pharma cy	Ph.D	05.07.2010	17years			
2.	.K.Soban Babu	Asst.prof	M.Pharma,		21.06.2012	6years			
3.	K.Sravanthi	Asst.prof	M.Pharm	-	18.03.2015	04 years			
4.	R.RAJINI	Assoc. Prof.	M.Pharm		14.06.2018	01 years			
5.	SK.ARSHAD ALI	Assoc. Prof	M.pharm		07.05.2018	2 years			
6.	T.Mahesh	Asst. Prof	M.pharm	-	01.03.2016	3years			
7.	M.Kiran	Asst. Prof	MPharm	-	01.09.2016	03years			
8.	Y.Ashok babu	Asst. Prof	M.pharm	-	01.06.2016	05years			
9.	A.PRAVEENA	Asst. Prof Asst. Prof	M.pharm M.pharm		01.08.2018	1years 02 years			
	K.Mahesh babu		-		01.06.2016				
11.	D.Lavanya	Asst. Prof	M.pharm		01.08.2018	1 years			
12.	B.TRIVENI	Asst. Prof	M.pharm		01.08.2018	01years			
13.	Y.Lavanya	Asst. Prof	M.pharm		01.09.2016	3 years			
14.		Asst. Prof	M.pharm			03years			
15.	K.Aiii uauu	Asst. Prof	M.pharm		30.06.2016	02years			
	G.Balaji				01.04.2017				

16.		Asst. Prof	M.Pharm		02years	
10.						
	B.RAVI			01.07.2018		
17.		Asst. Prof	M.Pharm		03years	
	P.Eswar rao			06.05.2016		
18.	r.Eswai iau	Asst. Prof	M.Pharm	 00.05.2010	2 year	
10.			171.1 1101111			
	T.KALYAN			01.07.2018		
19.		Asst. Prof	M.Pharm		1year	
	G.PAVANI			01.07.2018		
20.	K.DIVYA	Asst. Prof	M.Pharm		2year	
		Asst. Prof		01.07.2018	3year	
21.	P.Veeranjneyulu		M.Pharm	 01.04.2017		
22.	K.NAGMA	Asst. Prof	M.Pharm	 01.07.2018	1year	
23.	K.Venkateswarlu	Asst. Prof	M.Pharm	 01.04.2017	03year	
24.	Y.Balaji	Asst. Prof	M.Pharm	 3.03.2017	02year	
25	J.SIVA SHANKAR	Asst. Prof	M.Pharm	 04.0= 0040	01year	
26	J.SIVA SHANKAK	Asst. Prof	M.Pharm	01.07.2018 01.06.201	01year	
20	Ch.Sunil kumar	A331. 1 101	M.Pnarm	 7	Oryear	
27	D.VENKATA	Asst. Prof	M.Pharm		01year	
	REDDY			01.07.2018		
28	J.LAKSHMI	Asst. Prof	M.Pharm		01year	
	PRASAD			01.12.2017		
29	K.VENKATESH	Asst. Prof	M.Pharm		01year	
	NAIK			01.12.2017		
		Asst. Prof	M.Pharm		01year	
30	SYED RIHANA			14.06.18		

# 2. Qualification and number of Staff Members

Qualification								
M. Pharm	PhD	Others - Full Time						
29	01	02						

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

	No. of staff required	Available
Pharmaceutical	07	07
Chemistry		
Pharmaceutical	02	02
Analysis		
Pharmacology	04	04
Pharmacognosy	04	04
Pharmaceutics	06	06
Pharmacy practice	01	01
Principal	01	01
Total	25	25
Part time teaching	-	03
Staff		
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	3	
Department of Pharmaceutical	Professor	1	1	
Chemistry	Asst. Professor	3	3	
Pharmaceutical Analysis)	Lecturer	3	3	
Department of Pharmacology	Professor	1	1	
	Asst. Professor	2	2	
	Lecturer	1	1	
Department of Pharmacognosy	Professor	1	1	
	Asst. Professor	2	2	
	Lecturer	1	1	
	Professor	1	1	
Department of Pharmapractice	Asst. Professor	1	1	
	Lecturer	1	1	
	Professor			
	Asst. Professor	2	2	
Pharmaceutical Analysis	Lecturer	1	1	

# 5. Selection criteria and Recruitment Procedure for Faculty

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

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

Name of Faculty Member	Period	%
	<b>Duration of 15 yrs. and above</b>	
	Duration of 10 yrs. and above	
	<b>Duration of 5 yrs. and above</b>	4
All Faculty Members	Less than 5 yrs.	96%

# **7. Details of Faculty Turnover:**

Name of Faculty	Period	More	50%	25%	Less than 25%
Member		than 50%			
<b>AllFaculty Members</b>	% of faculty retained in last				
-	3 yrs	Yes			

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

Sl.	Designation	Required	Required	Ava	ilable	Remarks of the
No.		(Minimum)	Qualification	Number	Qualificat	Inspection
					ion	team
1	Laboratory Technician	1 for each Dept	D. Pharm	10	D.Pharm	
2	Laboratory Assistants / Attenders	1 for each Lab (minimum)	SSLC	04	SSLC	
3	Office Superintendent	1	Degree	01	B.COM	
4	Accountant	1	Degree	01	DEGREE	
5	Store keeper	1	D. Pharm/ Degree	01	B.Com	
6	Computer Data Operator	1	BCA / Graduate with Computer Course	01	MCA	
7	Office Staff I	1	Degree	01	B.Com	
8	Office Staff II	2	Degree	02	B.A.,PGD CA	
9	Peon	2	SSLC	02	SSLC	
10	Cleaning personnel	Adequate		02	Available	
11	Gardener	Adequate		01	Available	

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

Sl. No	Name	Qualific	cation	Design ation	Basic pay Rs.	DA Rs.	HRA Rs.	CCA Rs.	O th er all o		Deductions		Ba nk A/ C No	PA N No	EPF A/c no.	Total	Signatur e
									w an ce R s.	PT	TDS	EP F					
	Enclosed																

- 10. Whether facilities for Research / Higher studies are provided to the faculty? Yes (Inspectors to verify documents pertaining to the above)
- 11. Whether faculty members are allowed to attend workshops and seminars? Yes (Inspectors to verify documents pertaining to the above)

12. Scope for the promotion for faculty: Promotions Yes

13. Gratuity Provided Yes

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

Sl No	Name	Designation	Qualificat ion	Date of Joining	Experience	Signature	Remar ks of
							the Inspec tors
1.	S.Prasanna kumar	Prasanna kumar Lab technician DMLT 1/		1/4/2007	11years		
2.	SARATH KUMAR	Lab technician	B.Pharm	01/07/2015	03 years		
3.	t.arlaiah	Lab technician	B.Pharm	01/07/2015	03 years		
4.	S.Srinivasa rao	Sr.Assistant	MBA	08.08.2009	9YEARS		
5.	Y.N.Malleswari Rao	Librarian	M.Lic	28/07/12	6 years		
6.	Sk.Asma	Asst.Librarin.	BA	03.08.2013	6years		
7.	Ch.D.Venkataram aih	Jr.Asst	Diploma	02/03/2015	3years		
8.	M.LINGAREDDY	Jr.accountant	b.com	01.06.2017	1Years		
9.	G.Gopi	LabAsst	Intermedi ate	01/06/2015	1 years		
10.	E.Ankarao	Hardware	Diploma	01/06/2016	2years		
11.	J.Babu	LabAsst	Intermedi ate	14.05.2018	1 year		
12.	B.PRASAD	Lab technician	В.ТЕСН	19.08.2015	1 year		
13.	CH.ESWAR REDDY	JR.ASST	B.TECH	01.08.2015	01year		
14.	Sk.saida	attender	10th	01.06.2018	01year		

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

# **PART V - DOCUMENTATION**

**Records Maintained: Essential** 

Sl. No	Records	Yes	No	Remarks of the Inspectors
1	Admissions Registers			
2.	Individual Service Register			
3.	Staff Attendance Registers			
4.	Sessional Marks Register			
5.	Final Marks Register			
6.	Student Attendance Registers			
7.	Minutes of meetings- Teaching Staff			
8.	Fee paid Registers			
9.	Acquittance Registers			
10.	Accession Register for books and Journals in Library	V		
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	Under Progress		

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.			Expenditure in Rs.			Ex	Remarks of the				
								Inspectors*				
No.	Total	Recurring	Non	Total	Recurring	Non	Total	Recurring	Non			
	budget		Recurring	budget		Returning	budget		Returning			
	sanctioned			sanctioned			sanctioned					
			Audit report to be enclosed									

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

Sl	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
No.	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
	Chemicals	150000	120000	Chemicals	2.00000	18000	Chemicals	1618332	168332	
	Glassware	130000	120000	Glassware	100000	90000	Glassware	0	0	

# **3.** Total amount spent on equipments for the past three years:

(Enclose purchase invoice)

SI	Expenditure in Rs.		Expenditure in Rs.		Expenditure in Rs			Remarks of the Inspectors*		
No.	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
	Equipment	500000	450000	Equipment	450000	300000	Equipment	300000	250000	

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

Sl	I	Expenditure in Rs.			Expenditure in Rs.			penditure in R	Rs	Remarks
No.										of the
										Inspectors*
	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
1	Books	25.0000	240000	Books	350000	300000	Books	395882	395882	
2	Journals	100000	90000	Journals	60000	50,500	Journals	169735	169735	

<sup>\*</sup>Last three years including this academic year till the date of inspection

# 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.	Working Yes / No	Remarks of the Inspectors
1	Microscopes	20	25	yes	
2	Haemocytometer with Micropipettes	20	25	yes	
3	Sahli's haemocytometer	20	20	yes	
4	Hutchinson's spirometer	01	01	yes	
5	Spygmomanometer	05	10	yes	
6	Stethoscope	10	15	yes	
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine	available	yes	
		glands			
		One slide of each organ			
		system			

8	Models for various organs	One model of each organ	available	yes
		system		
9	Specimen for various organs and systems	One model for each organ	available	yes
		system		
10	Skeleton and bones	One set of skeleton and one	available	yes
		spare bone		
11	Different Contraceptive Devices and Models	One set of each device	available	yes
12	Muscle electrodes	01	01	yes
13	Lucas moist chamber	01	01	yes
14	Myographic lever	01	01	yes
15	Stimulator	01	01	yes
16	Centrifuge	01	01	yes
17	Digital Balance	01	01	yes
18	Physical /Chemical Balance	01	01	yes
19	Sherrington's Kymograph Machine /	10	10	yes
	Polyrite			
20	Sherrington Drum	10	10	yes
21	Perspex bath assembly (single unit)	10	10	yes
22	Aerators	10	10	yes
23	Computer with LCD	01	01	yes
24	Software packages for experiment	01	01	yes
25	Standard graphs of various drugs	Adequate number	available	yes
26	Actophotometer	01	01	yes
27	Rotarod	01	01	yes
28	Pole climbing apparatus	01	01	yes
29	Analgesiometer (Eddy's hot plate and	01	01	yes
	radiant heat methods)			
30	Convulsiometer	01	01	yes
31	Plethysmograph	01	01	yes
32	Digital pH meter	01	01	yes
33	Animal House	Adequate		

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

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

**Equipment:** 

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscope with stage micrometer	20	25	yes	
2	Digital Balance	02	02	yes	
3	Autoclave	02	02	yes	
4	Hot air oven	02	02	yes	
5	B.O.D.incubator	01	01	yes	
6	Refrigerator	01	01	yes	
7	Laminar air flow	01	01	yes	
8	Colony counter	02	01	yes	
9	Zone reader	01	01	yes	
10	Digital pH meter	01	01	yes	
11	Sterility testing unit	01	01	yes	
12	Camera Lucida	20	20	yes	
13	Eye piece micrometer	20	25	yes	
14	Incinerator	01	01	yes	
15	Moisture balance	01	01	yes	

16	Heating mantle	20	25	yes	
17	Flourimeter	01	01	yes	
18	Vacuum pump	02	02	yes	
19	Micropipettes (Single and multi channeled)	05	05	yes	
20	Micro Centrifuge	01	01	yes	
21	Projection Microscope	01	01	yes	

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

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

**Equipment:** 

Sl. No.	Name	Minimum required Nos.	Available	Working	Remarks of
			Nos.	Yes / No	the Inspectors
1	Hot plates	05	05	yes	
2	Oven	03	03	yes	
3	Refrigerator	01	01	yes	
4	Analytical Balances for demonstration	05	15	yes	
5	Digital balance 10mg sensitivity	10	10	yes	
6	Digital Balance (1mg sensitivity)	01	01	yes	
7	Suction pumps	06	06	yes	
8	Muffle Furnace	01	01	yes	
9	Mechanical Stirrers	10	10	yes	

10	Magnetic Stirrers with Thermostat	10	10	yes	
11	Vacuum Pump	01	01	yes	
12	Digital pH meter	01	01	yes	
13	Microwave Oven	02	02	yes	

Sl. No.	Name	Minimum required Nos.	Available	Working	Remarks of
			Nos.	Yes / No	the Inspectors
1	Distillation Unit	02	02	yes	
2	Reflux flask and condenser single necked	20	20	yes	
3	Reflux flask and condenser double / triple	20	20	yes	
	necked				
4	Burettes	100	120	yes	
5	Arsenic Limit Test Apparatus	25	25	yes	
6	Nesslers Cylinders	50	50	yes	

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

**Equipment:** 

Sl. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Mechanical stirrers	20	25	yes	
2	Homogenizer	10	15	yes	
3	Digital balance	05	05	yes	
4	Microscopes	10	15	yes	
5	Stage and eye piece micrometers	15	20	yes	
6	Brookfield's viscometer	01	01	yes	
7	Tray dryer	01	01	yes	
8	Ball mill	01	01	yes	
9	Sieve shaker with sieve set	01	01	yes	
10	Double cone blender	01	01	yes	

11	Propeller type mechanical agitator	05	05	yes
12	Autoclave	01	01	yes
13	Steam distillation still	01	01	yes
14	Vacuum Pump	01	01	yes
15	Standard sieves, sieve no. 8, 10, 12,22,24, 44,	10 sets	10 sets	yes
1.6	66, 80	0.1		
16	Tablet punching machine	01	01	yes
17	Capsule filling machine	01	01	yes
18	Ampoule washing machine	01	01	yes
19	Ampoule filling and sealing machine	01	01	yes
20	Tablet disintegration test apparatus IP	02	02	yes
21	Tablet dissolution test apparatus IP	01	01	yes
22	Monsanto's hardness tester	02	02	yes
23	Pfizer type hardness tester	01	01	yes
24	Friability test apparatus	01	01	yes
25	Clarity test apparatus	01	01	yes
26	Ointment filling machine	01	01	yes
27	Collapsible tube crimping machine	01	01	yes
28	Tablet coating pan	01	01	yes
29	Magnetic stirrer, 500ml and 1 liter capacity with	05 EACH	05EACH	yes
	speed control	10	10	
30	Digital pH meter	01	01	yes
31	All purpose equipment with all accessories	01	01	yes
32	Aseptic Cabinet	01	01	yes
33	BOD Incubator	02	02	yes
34	Bottle washing Machine	01	01	yes
35	Bottle Sealing Machine	01	01	yes
36	Bulk Density Apparatus	02	02	yes
37	Conical Percolator (glass/ copper/ stainless steel)	10	10	yes
38	Capsule Counter	02	02	yes
39	Energy meter	02	02	yes
40	Hot Plate	02	02	yes
41	Humidity Control Oven	01	01	yes

42	Liquid Filling Machine	01	01	yes	
43	Mechanical stirrer with speed regulator	02	02	yes	
44	Precision Melting point Apparatus	01	01	yes	
45	Distillation Unit	01	02	yes	

Sl. No.	Name	Minimum required Nos.	Available	Working	Remarks of the
			Nos.	Yes / No	Inspectors
1	Ostwald's viscometer	20	25	yes	
2	Stalagmometer	20	25	yes	
3	Desiccator*	10	10	yes	
4	Suppository moulds	20	20	yes	
5	Buchner Funnels (Small, medium, large)	05 each	available	yes	
6	Filtration assembly	01	01	yes	
7	Permeability Cups	05	05	yes	
8	Andreason's Pipette	05	05	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

Sl. No.	Name	Minimum required Nos.	Available	Working	Remarks of the
			Nos.	Yes / No	Inspectors
1	Orbital shaker incubator	01	01	yes	
2	Lyophilizer (Desirable)	01			
3	Gel Electrophoresis	01			
	(Vertical and Horizontal)				
4	Phase contrast/Trinocular Microscope	01	01	yes	
5	Refrigerated Centrifuge	01			
6	Fermenters of different capacity	01			
	(Desirable)				
7	Tissue culture station	01	01	yes	
8	Laminar airflow unit	01	01	yes	

9	Diagnostic kits to identify infectious	01	01	yes
	agents			
10	Rheometer	01	01	
11	Viscometer	01	01	yes
12	Micropipettes (single and multi channeled)	01 each	available	yes
13	Sonicator	01	01	yes
14	Respinometer	01	01	yes
15	BOD Incubator	01	01	yes
16	Paper Electrophoresis Unit	01	01	yes
17	Micro Centrifuge	01	01	yes
18	Incubator water bath	01	01	yes
19	Autoclave	01	01	yes
20	Refrigerator	01	01	yes
21	Filtration Assembly	01	01	yes
22	Digital pH meter	01	01	yes

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

### **CENTRAL INSTRUMENTATION ROOM:**

Sl.	Name	Minimum required	Available	Working	Remarks of the
No.		Nos.	Nos.	Yes / No	Inspectors
1	Colorimeter	01	02	yes	
2	Digital pH meter	01	01	yes	
3	UV- Visible Spectrophotometer	01	01	yes	
4	Flourimeter	01	01	yes	
5	Digital Balance (1mg sensitivity)	01	01	yes	
6	Nephelo Turbidity meter	01	01	yes	
7	Flame Photometer	01	01	yes	
8	Potentiometer	01	01	yes	
9	Conductivity meter	01	01	yes	
10	Fourier Transform Infra Red Spectrometer	01			
	(Desirable)				
11	HPLC	01			

12	HPTLC (Desirable)	01			
13	Atomic Absorption and Emission spectrophotometer	01	01	yes	
	(Desirable)				
14	Biochemistry Analyzer (Desirable)	01	01	yes	
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	01	yes	
16	Deep Freezer (Desirable)	01	01	yes	
17	Ion-Exchanger	01	01	yes	
18	Lyophilizer (Desirable)	01	01	yes	

Specific observations if not complied  Observation of the Inspectors:  1.  Signature of Inspectors: 2.	Compliance of the last recommendations by Inspectors					
Observation of the Inspectors:  1.						
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Signature of Inspectors:  2.		1.				
Signature of Inspectors: 2.						
	Signature of Inspectors:	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.