

PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting D. Pharm course

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

(SIF-A)

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 Year of starting of the course Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	Manonmaniam Sundaranar University Abishekapatti, Tirunelveli – 627 012 Tamil Nadu 0462 2338632 0462-2334363 registrar@msuniv.ac.in; web: www.msuniv.ac.in 2018 - 2019 Tamil Nadu State Government University (TN Act No. 31 of 1990)
A – I. 2 Name, address of the Society/Trust/ Management (attach documentary evidence) STD Code: Telephone No: Fax No: E-mail Web Site:	Not applicable
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	1. Dr. E. Subramanian 2. Mr. A. Chenthilnathan Professor & Head Assistant Professor Department of Pharmaceutical Chemistry MANONMANIAM SUNDARANAR UNIVERSITY Abishekapatti, Tirunelveli – 627 012 Tamil Nadu Mobile: 94879 99623 Mobile : 94439 91710 0462-2334363 departmentofpharma@msuniv.ac.in

A – I. 4 Name and Address of the Head of the Institution	THE REGISTRAR Manonmaniam Sundaranar University Abishekapatti, Tirunelveli – 627 012 Tamil Nadu
A – I. 4 a) Whether the Jan Aushadhi Medical Store has been opened by your institution	<p style="text-align: center;">No</p> <p style="text-align: center;">(Please tick (✓) the relevant portion)</p>
Signature of the Head of the Institution	Signature of the Inspectors

A –I. 5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. Details of Affiliation Fee Paid : Rs. 50, 000/- + Inspection fee Rs. 25, 000/-

Name of the Course	Affiliation Fee paid up to	Receipt No	Dated
D. Pharm	2018-19	DD No. 820775, Indian Bank	21.08.2017

b. APPROVAL STATUS:

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVERNMENT	Remarks of the Inspectors
D. Pharm	Freshly applied	Approval Letter No and Date	Approval requested for 30 students intake		
		Approved Intake			
		Actually Admitted			

c. STATUS OF APPLICATION Not applicable

Course	Extension of Approval		Increase in Intake of Seats		Remarks	
	Yes	No	Yes	No	Current Intake	Proposed increase in Intake
D. Pharm	Yes	No	Yes	No		

Note: Enclose relevant documents

A –I. 6

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same Building / campus? If yes, give status

Yes No

A – I. 6 a

Status of the Pharmacy Course:	
Independent Building	<input type="checkbox"/>
Wing of another college	<input type="checkbox"/>
Separate Campus	<input type="checkbox"/>
Multi Institutional Campus	<input checked="" type="checkbox"/> M.Sc. Organic Chemistry course is already conducted

**Examining Authority :
With complete postal
Address, Telephone No.
and STD Code.**

The Controller of Examinations
Manonmaniam Sundaranar University
Abishekapatti, Tirunelveli – 627 012
Tamil Nadu
Telephone No. 0462 2322970 / Mobile: 9487902000

Signature of the Head of the Institution

Signature of the Inspectors

B - DETAILS OF THE INSTITUTION

B -I .1 Name of the Principal					
Qualification/ Experience	Qualification*		Teaching Experience Required	Actual experience	Remarks of the Inspectors
	M. Pharm		05 years		
	PhD (Desirable)		02 years		

* Documentary evidence should be provided

B -I .2

For institution seeking continuation of approval

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied / Not Complied	Intake reduced/Stopped in the last 03 years*
D. Pharm	Not Applicable			

* Enclose Documents

B -I .3

Pay Scales:

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

B -I .4

D. Pharm Course: Admission statement for the past three years

ACADEMIC YEAR	200-	200-	200-
Sanctioned			
No. of Admissions	Not Applicable		
Unfilled Seats			
No. of Excess Admissions			

B -I .5

Academic information: Percentage of D. Pharm results for the past three years:

ACADEMIC YEAR	Year 200-	Year 200-	Year 200-
D. Pharm	Not Applicable		

Signature of the Head of the Institution

Signature of the Inspectors

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

Whether college has NSS Unit (Yes/No)? If no give reasons NSS Programme Officer's Name Programme conducted (mention details) Whether students participating in University level cultural activities / Co- curricular/sports activities Physical Instructor Sports Ground	Yes Dr. N. RAJALINGAM Yes ✓ Available / Not available ✓ Individual / Shared
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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) - 2014-15

C .2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspectors
Sl. No.	Particulars	Amount (Rs.)	Sl. No.	Particulars	Amount (Rs.)	
1.	Grants a. Government b. Others	10,72,31,321	CAPITAL EXPENDITURE			
2.	Tuition Fee		4,10,37,256	1.	Building	
3.	Library Fee	1,75,779	2.	Equipment		
4.	Sports Fee	1,30,720	3.	Others		
5.	Union Fee		REVENUE EXPENDITURE			
6.	Others		1	Salary	26,33,48,852	
	Int.on Investments	95,00,000	MAINTENANCE EXPENDITURE			
			i	College		
	Int. on SB A/c	12,00,000	ii	Others		
			3.	University Fee (If any)		
			4.	Apex Bodies Fee		
			5.	Government Fee		
			6.	Deposit held by the College		
			7.	Others		
			8.	Misc.Expenditure		
	Total	15,92,75,076/-	Total		26,33,48,852	

Note: Enclose relevant documents

Signature of the Head of the Institution

Signature of the Inspectors

PART- II PHYSICAL INFRASTRUCTURE

1.a. Building : **Own/Rented/Leased** ✓

b. Land 550 acres ✓
 i) Leased or own Leased Own

Sale / Agreement deed (records to be enclosed) : **Enclosed/Not available** ✓

c. Building: Leased Rented OWN ✓

i) Leased/Rented † (Record to be enclosed) : **Not available**
 ii) If Own (Approved Building plan & sale deed to be enclosed) : **Not available**

d. Total Area of the college building in Sq.mts : Built up Area
 Amenities and Circulation Area

2. Class rooms:

Total Number of Class rooms provided (for 30 students intake)

Class	Required	Available	Required Area * for each class room	Available Area in Sq. mts	Remarks of the Inspectors
D. Pharm	02	02	90 Sq. mts	37.06	

(* To accommodate 60 students)

3. Laboratory requirement (for 30 students intake)

Sl. No.	Name of Infrastructure	Requirement as per Norms	Available		Remarks/ Deficiency
			No.	Area in Sq. mts	
1	Laboratory Area for D.Pharm Course	50 Sq mts x n (n=05)	5	221.48	
2	Pharmaceutics Pharmaceutical Chemistry Physiology and Pharmacology Pharmacy Practice Pharmacognosy Total no. of Labs for D. Pharm Course *Animal House	01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 05 Laboratories 01 (10 sq.mts)	01 01 01 01 01 05 01	37.16 37.16 37.16 55.00 55.00 221.48 10	
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)	01 01	10 10	
4	Area of the Machine Room	100 Sq mts	01	100	
5	Aseptic Room	25 Sq mts	01	10	
6	Store Room – I	1 (Area 20 Sq mts)	01	19.41	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01		

* Not required if computer simulated software are available

Signature of the Head of the Institution

Signature of the Inspectors

† **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 workbenches should be smooth and easily cleanable preferably made of non -absorbent material.
4. The water taps should be non-leaking and directly installed on 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	20 Sq mts	01	37.16	
2	Office – I Including Confidential Room	01	40 Sq mts	01	17.65	
3	Staff / Faculty Rooms for D. Pharm course	01	30 Sq mts	01	37.16	
4	Library with computer and reprographic facilities	01	100 Sq mts	01	1000	
5	Museum	01	30 Sq mts (May be attached to the Pharmacogno- -sy Lab)	01	30	
6	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	01	1000	
7	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	01	100	

Signature of the Head of the Institution

Signature of the Inspectors

5. Student Facilities:

Sl. No.	Name of infrastructure	Requirement in number	Requirement in area	Available		Remarks/ Deficiency
				No.	Area in Sq. mts	
1	Girl's Common Room (Essential)	01	40 Sq mts	01	15	
2	Boy's Common Room (Essential)	01	40 Sq mts	-	-	
3	Toilet Blocks for Boys	01	25 Sq mts	01	18.58	
4	Toilet Blocks for Girls	01	25 Sq mts	01	18.58	
5	Canteen (Desirable)	01	100 Sq mts	01	200	
6	Drinking Water facility Water Cooler (Essential)	01		01	-	
7	Boy's Hostel (Desirable)	01	9 Sq mts / Room Single occupancy	01	20 sq.mts for triple occupancy	
8	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts/room (triple occupancy)	01	20 sq.mts for triple occupancy	
9	Power Backup Provision (Desirable)	01		01	01	

6. Computer and other Facilities:

Name	Required	Available	Available		Remarks of the Inspectors
			No.	Area in Sq. mts	
Computer (latest Configuration)	1 system for every 10 students	✓	3		
Printers	1 printer for every 10 computers	✓	4		
Xerox Machine	01	✓	2		
Multi Media Projector	02	✓	2		

7. Amenities (Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks/ Deficiency
		No.	Area in Sq. mts		
Principal quarters	80 Sq. mts	Under Construction			
Staff quarters	6 x 80 Sq. mts	1	Under Construction		
Parking Area for staff and students		1			
Bank Extension Counter		1			
Co operative Stores		-			
Guest House	80 Sq. mts	1			
Transport Facilities for students		1			
Medical Facility (First Aid)		1			

Signature of the Head of the Institution

Signature of the Inspectors

8. A. Library books and periodicals

The minimum norms for the initial stock of books, yearly addition of the books and the number of journals to be subscribed are as given below:

Sl. No.	Item	Titles (No)	Minimum Volumes (No)	Available		Remarks of the Inspectors
				Titles	Numbers	
1	Number of books	75	750 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy		2222	
2	Annual addition of books		75 books per year		75 books per year	
3	Periodicals Hard copies / online		06 National Journals Indian Journal of Pharmaceutical Sciences, Indian Journal of Pharmaceutical Education and Research, Journal of Hospital Pharmacy, Indian Journal of Pharmacology, CIMS, MIMS Indian Journal of Experimental Biology.	Under Subscription		
4	Library Timings	9.00 AM – 7.00 PM				

8.B. Subject wise Classification:

Sl. No	Subject	Available		Remarks of the Inspectors
		Titles	Numbers	
1	Pharmaceutics – I	15	15	
2	Pharmaceutical Chemistry – I	53	53	
3	Pharmacognosy	02	02	
4	Biochemistry and Clinical Pathology	10	10	
5	Human Anatomy and Physiology	04	04	
6	Health Education and Community Pharmacy	02	02	
7	Pharmaceutics – II	18	18	
8	Pharmaceutical Chemistry – II	55	55	
9	Pharmacology and Toxicology	06	06	
10	Pharmaceutical Jurisprudence	05	05	
11	Drug Store and Business Management	05	05	
12	Hospital and Clinical Pharmacy	05	05	

8.C. Library Staff:

	Staff:	Qualification	Required	Available	Remarks of the Inspectors
1	Librarian	D. Lib	1	1	
2	Library Attenders	10+ 2 /PUC	1	1	

Note: The information provided will be assessed in giving the period of approval

Signature of the Head of the Institution

Signature of the Inspectors

PART III ACADEMIC REQUIREMENTS

Course Curriculum:

1. Student Staff Ratio: **Theory** **Practicals**

(Required ratio --- Theory → 60:1 and Practical → 20:1)

If more than 20 students in a batch 2 staff members to be present provided the lab is spacious

2. Date of Commencement of session:

Commencement	Completion
DD/MM/YY	DD/MM/YY
01/07/2018	30/06/2020

No of Days 210

No of Days

3. Vacation: **Summer:** **Winter:**

4. Total Number of working days:

5. Time Table: Not applicable

Time Table for I and II D. Pharm Enclosed Yes No

6. Whether the prescribed numbers of classes are being conducted as per PCI norms
Not applicable

Class / Subject	Theory		Practicals				Remarks of the Inspectors
	Prescribed No of Hours	No of Hours Conducted	Prescribed No. of Hours	No of Hours Conducted	Prescribed Number of Classes	No of Classes conducted	
I D. Pharm							
Pharmaceutics – I	75		100		25		
Pharmaceutical Chemistry – I	75		75		25		
Pharmacognosy	75		75		25		
Biochemistry and Clinical Pathology	50		75		25		
Human Anatomy and Physiology	75		50		25		
Health Education and Community Pharmacy	50		----		----		
II D. Pharm							
Pharmaceutics – II	75		100		25		
Pharmaceutical Chemistry – II	100		75		25		
Pharmacology and Toxicology	75		50		25		
Pharmaceutical Jurisprudence	50		----		----		
Drug Store and Business Management	75		----		----		
Hospital and Clinical Pharmacy	75		50		25		

Signature of the Head of the Institution

Signature of the Inspectors

7. Whether Internal Assessments are conducted periodically as per PCI norms

Not applicable

Yes

No

8. Whether Evaluation of the internal assessments is Fair Yes

Not applicable

Yes

No

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 D. Pharm									
II D. Pharm									

9. Workload of Faculty members for D. Pharm

Not applicable

Sl. No	Name of the Faculty	Subjects taught	D. Pharm				Total work load	Remarks of the Inspector
			I D. Ph		II D. Ph			
			Th	Pr	Th	Pr		

Signature of the Head of the Institution

Signature of the Inspectors

PART IV - PERSONNEL

TEACHING STAFF.

- 1. Details of Teaching Faculty for D. Pharm Course to be enclosed in the format mentioned below:**
(3 available; remaining staff under recruitment)

Sl No	Name	Designation	Qualification	Date of Joining	Teaching Experience		State Pharmacy Council Reg No.	Signature of the faculty	Remarks of the Inspectors
					After UG	After PG			
					1.	Mr.A.Chenthilnathan			
2.	Mrs.K.Dhanalakshmi	Assistant Professor	M.Pharm.	03.09.2007	-	10 years	8797 A1		
3.	Dr. K. Nagashri	Assistant Professor	M.Sc. Pharm.Chem., Ph.D in Chemistry	02.11.2016	-	3 yrs & 1 mt	-		

- 2. Qualification and number of Staff Members**
Number of staff members required: **07**

Qualification			
B. Pharm	M. Pharm	PhD	Others - Full Time
2	2	1 (Chemistry)	

- 3. Details of Faculty Retention for:**

Name of Faculty Member	Period	Percentage
	Duration of 15 yrs. And above	
Mr.A.Chenthilnathan Mrs.K.Dhanalakshmi	Duration of 10 yrs. And above	
	Duration of 5 yrs. And above	
Dr. K. Nagashri	Less than 5 yrs.	

- 4. Details of Faculty Turnover**

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
	% of faculty retained in last 3 yrs	100%			

- 5. No. of Non-teaching staff available for D. Pharm course for intake of 60 Students:**

Sl. No.	Designation	Required Number	Required Qualification	Available		Remarks of the Inspection team
				Number	Qualification	
1	Laboratory Technician	02	D. Pharm	01	M.Sc. Pharm.Chem.	
2	Laboratory Assistants/ Attenders	04	SSLC	01	SSLC	
3	Office Superintendent	01	Degree			
4	Accountant cum Clark	01	Degree	01	B.Com	
5	Store keeper	01	D. Pharm			
6	Computer Data Operator	01	10+2 with computer training			
7	Peon	02	SSLC	01	SSLC	
8	Cleaning personnel	04	---	01		
9.	Gardener	01	---	01		

Signature of the Head of the Institution

Signature of the Inspectors

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

Sl. No	Name	Qualification	Designation	Basic pay	DA Rs.	HRA Rs.	CCA Rs.	Other allowance Rs.	Deductions (Rs.)			Bank A/C	PAN No	EPF A/c no.	Total Gross	Signature
									P T	TDS	EPF	Indian Bank				
1.	Mr.A.Chenthilnathan	M.Pharm	Assistant Professor	29070	39535	1400	360	350	1175	4000	6861	498529195	AKZPA5310N	50456	77576	
2.	Mrs. K. Dhanalakshmi	M.Pharm	Assistant Professor	29070	39535	1400	360	350	1175	2000	6861	743332000	AOGPD0825A	50457	77576	
3.	Dr. K. Nagashri	Ph.D. Chem.	Assistant Professor	24840	33782	1400	360	350	1175	2000	5862	617291375	ARXPN7061J	50552	65502	

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

(Inspectors to verify documents pertaining to the above)

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

(Inspectors to verify documents pertaining to the above)

10. Scope for the promotion for faculty: Promotions

Yes No

11. Gratuity Provided

Yes No

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

Sl No	Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
1.	R. Prabahar	Lab. Technician	M.Sc. Pharm.Chem	09.03.2009	8 yrs		
2.	C.Shanmugasundari	Consolidated skilled NMR	B.Com	08.12.2008	9 yrs		
3.	M. Melavasagam	Unskilled NMR	SSLC	10.04.2007	10 yrs		
4.	S. Mohan	Peon /Gardener	SSLC	04.09.1997	20 yrs		

13. Whether Supporting Staff (Technical and Administrative) are encouraged for Skill Up gradation Programs

✓
Yes/ No

Signature of the Head of the Institution

Signature of the Inspectors

PART V - DOCUMENTATION

Records Maintained: (Essential)

Sl. No	Records	Yes	No	Remarks of the Inspectors
1	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	✓		
11.	Log book for chemicals and Equipment costing more than Rupees one lakh	✓		
12.	Job Cards for laboratories	✓		
13.	Standard Operating Procedures (SOP's) for Equipment	✓		
14.	Laboratory Manuals	✓		
15.	Stock Register for Equipment	✓		
16.	Animal House Records as per CPCSEA	✓		

Signature of the Head of the Institution

Signature of the Inspectors

PART - VI

1. Financial Resource allocation and utilization for the past three years:

Department of Pharmaceutical Chemistry Budget details.

(Audited Accounts for the previous year to be enclosed) [For conducting M.Sc. Organic Chemistry course]

SI No.	Expenditure in Rs. in lakhs 2014 - 2015			Expenditure in Rs. in lakhs 2015 - 2016			Expenditure in Rs. in lakhs 2016 - 2017			Remarks of the Inspectors*
	Total budget sanctioned	Recurring	Non Recurring	Total Budget Sanctioned	Recurring	Non Returning	Total Budget Sanctioned	Recurring	Non Recurring	
1.	18.68	17.66	1.02	20.4	19.38	1.02	21.96	20.94	1.02	

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

SI No.	Expenditure in Rs. 2014 - 2015			Expenditure in Rs. 2015 -2016			Expenditure in Rs. 2016 - 2017			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1.	Chemicals	1,00,000	69,700	Chemicals	1,00,000	74,036	Chemicals	1,00,000	73,734	
2.	Glassware	1,00,000	41,539	Glassware	1,00,000	61,658	Glassware	1,00,000	63,035	

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

(Enclose purchase invoice)

SI No.	Expenditure in Rs. 2014 - 2015			Expenditure in Rs. 2015 - 2016			Expenditure in Rs. 2016 - 2017			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1.	Equipment	1,00,000	99,786	Equipment	1,00,000		Equipment	1,00,000	73,060	

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Signature of the Inspectors

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

SI No.	Expenditure in Rs. 2014-2015			Expenditure in Rs. 2015-2016			Expenditure in Rs. 2016 - 2017			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1	Books	50,000	48,804	Books	50,000	41,383	Books	50,000	42,127	
2	Journals	50,000	50,000	Journals	50,000	50,000	Journals	50,000	50,000	

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

Signature of the Head of the Institution

Signature of the Inspectors

PART VII – EQUIPMENT AND APPARATUS
Department wise List of Minimum equipments required for D. Pharm

PHARMACEUTICS

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Continuous Hot Extraction Equipment	05	05	Yes	
2	Conical Percolator	05	05	Yes	
3	Tincture Press	01	01	Yes	
4	Hand Grinding Mill	01	01	Yes	
5	Disintegrator	01	01	Yes	
6	Ball mill	01	01	Yes	
7	Hand operated Tablet machine	01	01	Yes	
8	Tablet Coating Pan unit with hot air blower laboratory size	01	01	Yes	
9	Polishing pan laboratory size	01	01	Yes	
10	Monsanto's hardness tester	01	01	Yes	
11	Pfizer type hardness tester	01	01	Yes	
12	Tablet disintegration test apparatus IP	01	01	Yes	
13	Tablet dissolution test apparatus IP	01	01	Yes	
14	Granulating sieve set	10	10	Yes	
15	Tablet counter – small size	05	05	Yes	
16	Friability tester	01	01	Yes	
17	Collapsible tube – Filling and sealing equipment	01	01	Yes	
18	Capsule filling machine – Lab size	01	01	Yes	
19	Digital balance	01	01	Yes	
20	Distillation unit for distilled water	02	02	Yes	
21	Deionisation unit	01	01	Yes	
22	Glass distillation unit for water for injection	01	01	Yes	
23	Ampoule washing machine	01	01	Yes	
24	Ampoule filling and sealing machine	01	01	Yes	
25	Sintered glass filters for bacterial proof filtration (four different grades)	Adequate	Adequate	Yes	
26	Millipore filter (3 grades)	Adequate	Adequate	Yes	

Signature of the Head of the Institution

Signature of the Inspectors

27	Autoclave	01	01	Yes	
28	Hot air sterilizer	01	01	Yes	
29	Incubator	01	01	Yes	
30	Aseptic cabinet	01	01	Yes	
31	Ampoule clarity test equipment	01	01	Yes	
32	Blender	01	01	Yes	
33	Sieves set (Pharmacopoeial standard)	02	02	Yes	
34	Lab Centrifuge	01	01	Yes	
35	Ointment slab	Adequate	Adequate	Yes	
36	Ointment spatula	Adequate	Adequate	Yes	
37	Pestle and mortar porcelain	Adequate	Adequate	Yes	
38	Pestle and mortar glass	Adequate	Adequate	Yes	
39	Suppository moulds of three sizes	Adequate	Adequate	Yes	
40	Refrigerator	01	01	Yes	

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

PHARMACEUTICAL CHEMISTRY

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Refractometer	01	01	Yes	
2	Polarimeter	01	01	Yes	
3	Photoelectric colorimeter	01	01	Yes	
4	pH meter	01	01	Yes	
5	Atomic model set	02	02	Yes	
6	Electronic balance	01	01	Yes	
7	Periodic table chart	Adequate	Adequate	Yes	

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

Signature of the Head of the Institution

Signature of the Inspectors

PHYSIOLOGY & PHARMACOLOGY LABORATORY**Equipment:**

SI No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Haemoglobinometer	20	20	Yes	
2	Haemocytometer	10	10	Yes	
3	Student's organ bath	1	1	Yes	
4	Sherington's rotating drum	1	1	Yes	
5	Frog board	Adequate	Adequate	Yes	
6	Tray (dissecting)	Adequate	Adequate	Yes	
7	Frontal writing lever	Adequate	Adequate	Yes	
8	Aeration tube	Adequate	Adequate	Yes	
9	Telethermometer	1	1	Yes	
10	Pole climbing apparatus	1	1	Yes	
11	Histamine chamber	1	1	Yes	
12	Simple lever	Adequate	Adequate	Yes	
13	Staring heart lever	Adequate	Adequate	Yes	
14	Aerator	Adequate	Adequate	Yes	
15	Histological Slides	Adequate	Adequate	Yes	
16	Sphygmomanometer (B.P. apparatus)	5	5	Yes	
17	Stethoscope	5	5	Yes	
18	First aid equipment	Adequate	Adequate	Yes	
19	Contraceptive device	Adequate	Adequate	Yes	
20	Dissecting (surgical) instruments	Adequate	Adequate	Yes	
21	Balance for weighing small Animals	1	1	Yes	
22	Kymograph paper	Adequate	Adequate	Yes	
23	Actophotometer	1	1	Yes	
24	Analgesiometer	1	1	Yes	
25	Thermometer	Adequate	Adequate	Yes	
26	Plastic animal cage	Adequate	Adequate	Yes	
27	Double unit organ bath with thermostat	1	1	Yes	
28	Refrigerator	1	1	Yes	
29	Single pan balance	1	1	Yes	
30	Charts	Adequate	Adequate	Yes	

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31	Human skeleton	1	1		
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	1 set	1 set		
33	Electro-convulsimeter	1	1		
34	Stop watch	Adequate	Adequate		
35	Clamp, boss heads, screw clips	Adequate	Adequate		
36	Syme's Cannula	Adequate	Adequate		

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

PHARMCOGNOSY LABORATORY

Equipment:

SI No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Projection Microscope	01	01	Yes	
2	Charts (different types)	Adequate	Adequate	Yes	
3	Models (different types)	Adequate	Adequate	Yes	
4	Permanent Slides	Adequate	Adequate	Yes	
5	Slides and Cover Slips	Adequate	Adequate	Yes	

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

PHARMACY PRACTICE LABORATORY

Equipment:

SI No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	2	1	Yes	
2	Microscope	Adequate	Adequate	Yes	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	Adequate	Adequate	Yes	
4	Watch glass	Adequate	Adequate	Yes	
5	Centrifuge	1	1	Yes	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	Adequate	Adequate	Yes	
7	Filtration equipment	2	2	Yes	

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8	Filling Machine	1	1	Yes	
9	Sealing Machine	1	1	Yes	
10	Autoclave sterilizer	1	1	Yes	
11	Membrane filter	1 Unit	1 Unit	Yes	
12	Sintered glass funnel with complete filtering assemble	Adequate	Adequate	Yes	
13	Small disposable membrane filter for IV admixture filtration	Adequate	Adequate	Yes	
14	Laminar air flow bench	1	1	Yes	
15	Vacuum pump	1	1	Yes	
16	Oven	1	1	Yes	
17	Surgical dressing	Adequate	Adequate	Yes	
18	Incubator	1	1	Yes	
19	PH meter	1	1	Yes	
20	Disintegration test apparatus	1	1	Yes	
21	Hardness tester	1	1	Yes	
22	Centrifuge	1	1	Yes	
23	Magnetic stirrer	1	1	Yes	
24	Thermostatic bath	1	1	Yes	

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

Museum: Every Institution shall maintain a museum of crude drugs, herbarium sheets, botanical specimens of the drugs, and pl ants, mentioned in the course in addition the following are recommended.

- 1. Colored slides of medicine plants.**
- 2. Display of popular patent medicines, and**
- 3. Containers of common usage in medicines.**

Signature of the Head of the Institution

Signature of the Inspectors

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.**

