

Tracking Number: SIF/2017/100163

PHARMACY COUNCIL OF INDIA

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

(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.
(IN BLOCK LETTERS)**

2.

PART-1

A-GENERAL INFORMATION

A - I.1

Name of the institution	Moulana Abul Kalam Azad, College of Pharmacy
Complete postal address:	Nav Durga Nagar, Mathpurena, Raipur
Telephone number with STD Code	771 7869985558
Fax No	07714066591
Email	makazadpharmacy123@gmail.com
Year of establishment	2004
Status of the course conducting body	Private

A - I.2

Name of the Society/Trust/Management	OSMANI EDUCATIONAL SOCIETY RAIPUR
Address	CHHOTA PARA BEHIND MASJID CHHOTA PARA RAIPUR (C. G)
Telephone Number with STD Code	0771 4062464
Fax No	7714062224
Email	oesraipurcg@gmail.com
Website	http://usmanieducation.com/

A - I.3

Name of the person to be contacted by phone	M MOHSIN USMANI
Designation	CHAIRMAN
Address	BEHIND CHHOTA PARA MASJID CHHOTA PARA RAIPUR (C.G)
STD Code	0771
Telephone Number	
Office	7714062465
Residence	4000123

Mobile 9329621221
 Fax No 7714062224
 Email mohsinusmani24@gmail.com

A - I.4

Name of the Head of the Institution IMTEYAZ AHMAD
 Address H NO 11/517 MAHESH COLONY NEAR AKASH GAS
 GODOWN GUDHIYARI RAIPUR (C.G)

Signature of the Head of the Institution

Signature of the Inspectors

A - I.5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. DETAILS OF AFFLIATION FEE PAID

Name of the Course	Affiliation Fee Paid Upto	Receipt No.	Dated	Remarks of the Inspectors
D Pharm	2017-18	00	30/06/2017	

b. APPROVAL STATUS

Name of the Course	Approved Upto	Intake Approved and Admitted	PCI	State Govt	University	Remarks of the Inspectors
D Pharm	2017-18	Approved Letter No & Date	17-758/2010-PCI/3937-39 - 05/05/2015	No/2/Acad/Pvt/D -39/2005/479 1/02/2007	CSVТУ/Affil/2017 -18/1139-15/05/2017/	
		Approved Intake	60	60	60	
		Actually Admitted	60	60	60	

c. STATUS OF APPLICATION

Course	Extension of Approval	Increase in Intake of Seates	Current Intake	Remarks Proposed increase in Intake
D Pharm	Yes	Yes	60	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:	Diploma Course
Name with Complete Postal address, telephone No. and STD Code.	The Registrar Chhattisgarh Swami Vivekanand Technical University, North Park Avenue, Sector " 8, Bhilai " 490 009.

Signature of the Head of the Institution

Signature of the Inspectors

B - DETAILS OF THE INSTITUTION**B - I.1**

Name of the Principal

Imteyaz Ahmad

Qualification/ Experience	Qualification*		Teaching Experience Required	Actual experience	Remarks of the Inspectors
	M. Pharm	Yes	05 Years	26	
	PhD (Desirable)	No	02 Years		

* 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	Intake reduced/Stopped in the last 03 years*
D Pharm	07/03/2015	One faculty is short	Yes	No

* Enclose Documents

B - I.3

Pay Scales

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

B - I.4

D Pharm Course: Admission statement for the past three years

ACADEMIC YEAR	2015-2016	2016-2017	2017-2018
Sanctioned	60	60	60
No. of Admissions	60	60	0
Unfilled Seats	0	0	0
No of Excess Admission	0	0	0

B - I.5

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

ACADEMIC YEAR	2015-2016	2016-2017	2017-2018
D Pharm	58	56	

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)?	No
If no give reasons	
NSS Program Officer's Name	
Programme Conducted Details	
Whether students participating in University level cultural activities/Co-curricular/Sports activities	Yes
Physical Instructor	Not Available
Sports Ground	Shared
Are you Associated with other Organization/Institution/Trust/Society Running Pharmacy Course	Yes
Organization/Institution/Trust/Society Name	
Complete Postal Address.	
Telephone No.	
Nature of Association	

Signature of the Head of the Institution

Signature of 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)

C .2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspector
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants		CAPITAL EXPENDITURE			
	a. Government	0.00				
	b. Others	0.00				
2.	Tuition Fee	4414218.00	1.	Building	450000.00	
3.	Library Fee	0.00	2.	Equipment	15855.00	
4.	Sports Fee	0.00	3.	Others	97785.00	
5.	Union Fee	0.00	REVENUE EXPENDITURE			
6.	Others	0.00	1.	Salary	1600961.00	
			2.	Maintenance Expenditure		
				i. College	357132.00	
				ii. Others	124100.00	
			3.	University Fee	100000.00	
			4.	Apex Bodies Fee	130000.00	
			5.	Government Fee	25000.00	
			6.	Deposit held by the College	0.00	
			7.	Others	826785.00	
			8.	Misc. Expenditure	686600.00	
	Total	4414218.00		Total	3850578.00	

Note: Enclose relevant documents

Signature of the Head of the Institution

Signature of the Inspectors

PART- II PHYSICAL INFRASTRUCTURE

a. Building	Own
b Land:	
c. Building	Own
i) Leased or own	Own
Sale / Agreement deed (records to be enclosed)	--
i) Leased/Rented â€ (Record to be enclosed)	Enclosed
ii) If Own (Approved Building plan & sale deed to be enclosed)	Enclosed
d. Total Area of the college building in Sq.mts	
Built up Area	1795
Amenities and Circulation Area	1200

2. Class Rooms

Total Number of Class rooms provided					
Class	Required	Available Numbers	Required Area * for each class room	Available Area in Sq. mts	Remarks of the Inspectors
D.Pharm	02	2	90 sq. mts each	195	

[* To accomodate 60 students]

3. Laboratory requirement

Sl.No.	Infrastructure for	Available No.	Area in Sq. mts	Remarks
1	Laboratory Area for D.Pharm Course	5	270	
2	Pharmaceutics	1	50	
3	Pharmaceutical Chemistry	1	50	
4	Physiology and Pharmacology	1	50	
5	Pharmacy Practice	1	55	
6	Pharmacognosy	1	55	
7	Animal House	1	30	
8	Preparation Room for each lab	3	60	
9	Area of the Machine Room	1	100	
10	Aseptic Room	1	30	
11	Store Room I	1	20	
12	Store Room II Inflammable chemicals	1	25	

Signature of the Head of the Institution

Signature of the Inspectors

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 the pollution 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 cocerned laboratories.

4. Administration Area

Sl.	Name of	Requirement	Requirement	Available	Remarks/Deficienc
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No.	Infrastructure	s as per Norms (in Number)	s as per Norms (in Area)	No.	Area in Sq.mts	y
1	Principal's Chamber	01	20 Sq. mts	1	25	
2	Office - I (including confidential room)	01	40 Sq. mts	1	40	
3	Staff / Faculty Rooms for D. Pharm course	01	30 Sq. mts	0	0	
4	Library with computer and reprographic facilities	01	100 Sq. mts	1	100	
5	Museum	01	30 Sq. mts (Maybe attached to the Pharmacognosy lab)	1	30	
6	Auditorium/ Multi Purpose Hall (Desirable)	01	250 - 300 seating capacity	0	0	
7	Herbal Garden (Desirable)	01	Adequate Number of Medical Plants	1	100	

5. Student Facilities

Sl. No.	Name of Infrastructure	Requirements (in Number)	Requirements (in Area)	Available		Remarks/Deficiency
				No.	Area in Sq.mts	
1	Girls's Common Room (Essential)	01	40 Sq. mts	1	40	
2	Boy's Common Room (Essential)	01	40 Sq. mts	1	40	
3	Toilet Blocks for Girls	01	25 Sq. mts	1	30	
4	Toilet Blocks for Boys	01	25 Sq. mts	1	35	
5	Drinking Water facility - Water cooler (Essential)	01	--	1	10	
6	Boy's Hostel (Desirable)	01	9 Sq. mts/Room Single occupancy	0	0	
7	Girls's Hostel (Desirable)	01	9 Sq.mts/Room (Single occupancy) or 20	0	0	

			Sq.mts/Room (Triple occupancy)			
8	Power Backup Provision (Desirable)	01	--	1	1	
9	Canteen	01	100 sq mts.	1	20	

6. Computer and other Facilities

Name	Required	Available		Remarks of the Inspectors
		No.	Area in Sq.mts	
Computer (Latest Configuration)	1 syste, for every 10 students (UG & PG)	20	20	
Printers	1 Printer for every 10 computers	2	2	
Xerox Machine	01	--	--	
Multi Media Projector	02	1	1	

7. Amenities(Desirable)

Name	Requirment as per Norms in area	Available		Not Availabl e	Remarks/Deficienc y
		No.	Area in Sq.mt s		
Principal Quarters	80 Sq. Mtr.	0	0		
Staff Quarters	6 x 80 Sq. mts	0	0		
Parking Area fro staff and students		1	100		
Bank Extension Counter		0	0		
Cooperative Stores		0	0		
Guest House	80 Sq. mts	0	0		
Transport Facility for students		0	0		
Medical Fecilities(First Aid)		3	3		

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 Volums(No)	Available		Remarks of the Inspectors
				Title	No.	
1	Number Of Books	75	750 adequate coverage of a large number of standard text books and	254	3240	

			titles in all disciplines of pharmacy			
2	Annual Addition of Books		75 books per year	10	250	
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.	5	5	
4	Library timings			10.30-5.00		

8.B. Subject wise Classification

Sl. No.	Subject	Available Titles	Available Numbers	Remarks of the Inspectors
1	Pharmaceutics 1	26	251	
2	Pharmaceutical Chemistry 1	20	271	
3	Pharmacognosy	21	255	
4	Biochemistry and Clinical Pathology	26	296	
5	Human Anatomy and Physiology	22	268	
6	Health Education and Community Pharmacy	22	284	
7	Pharmaceutics II	26	276	
8	Pharmaceutical Chemistry II	25	256	
9	Pharmacology and Toxicology	23	278	
10	Pharmaceutical Jurisprudence	18	284	
11	Drug Store and Business Management	20	274	
12	Hospital and Clinical Pharmacy	20	273	

8.C. Library Staff

	Staff	Qualification	Required	Available	Remarks of the Inspectors
1	Librarian	D.Lib.	1	Not Available	
2	Library Attenders	10+2 / PUC	2	Available	

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:

(Required ratio --- Theory -> 60:1 and Practicals -> 20:1) If more than 20 students in a batch 2 staff members to be present provided the lab is spacious.

Class	Theory	Practicles	Remarks of the Inspectors
D. Pharm	60:1	20:1	

2. Date of Commencement of session

Commencement	Completion
01/07/2017	30/04/2018

3. Vacation

	No of Days		No of Days
Summer :	30	Winter :	7

4. Total No. of working days

210

5. Time Table copy Enclosed

Yes

6. Whether the prescribed numbers of classes are being conductud as per PCI norms

I D.Pharm

Class/Subj ect	Theory		Practicals				Remark of the Inspect or
	Prescrib ed No of Hours	No of Hours Conduct ed	Prescrib ed No of Hours	No of Hours Conduct ed	Prescrib ed No of Classes	No of Classes Conduct ed	
Pharmaceuti cs -I	75	76	100	100	25	25	
Pharmaceuti cs Chemistry -I	75	82	75	75	25	25	
Pharmacogn osy	75	78	75	75	25	25	
Biochemistry and Clinical Pathology	50	65	75	75	25	25	
Human Anatomy and Physiology	75	80	50	50	25	25	
Health Education and Community Pharmacy	50	60	--	0	--	0	

II D.Pharm

Class/Subj ect	Theory		Practicals				Remark of the
	Prescrib	No of	Prescrib	No of	Prescrib	No of	

	ed No of Hours	Hours Conducted	ed No of Hours	Hours Conducted	ed No of Classes	Classes Conducted	Inspector
Pharmaceutics -II	75	84	100	120	25	30	
Pharmaceutics Chemistry -II	100	100	75	90	25	30	
Pharmacology and Toxicology	75	79	50	75	25	25	
Pharmaceutical Jurisprudence	50	55	--	0	--	0	
Drug Store and Business Management	75	83	--	0	--	0	
Hospital and Clinical Pharmacy	75	84	50	50	25	26	

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

8. 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%		Remarks of the Inspectors
	Theory	Practicals	Theory	Practicals	Theory	Practicals	Theory	Practicals	
I D.Pharm	13.00	15.00	18.00	17.00	3.00	2.00	0.00	0.00	
II D.Pharm	2.00	5.00	10.00	7.00	0.00	0.00	0.00	0.00	

9. Work load of Faculty members for D. Pharm

S.No.	Name of Faculty	Subjects Taught	D. Pharm				Total Work Load	Remarks of the Inspectors
			I D. Ph		II D. Ph			
			Th	Pr	Th	Pr		
1	Dr. IMTEYAZ AHMAD	H C P H E C P H A P Pharmaceutics I Pharmaceutical Jurisprudence	0 1 0 0 0	0 0 3 3 0	0 0 0 0 1	3 0 0 0 0	3 1 3 3 1	
2	Miss. Chhaya Bai Tembhone	pharmacuetics I Pharmacuetics II	4 0	6 0	0 4	0 6	10 10	
3	Miss. MONIKA KESHRI	H A P pharmacolgy	3 0	6 0	0 4	0 6	9 10	
4	Miss. ROHINI ARMO	Biochemistry	3	6	0	0	9	

		HCP	0	0	4	6	10
5	Mr. MANIK LAL MEHAR	Biochem HECP PHARMACUETICAL CHEMISTRY II	0 2 0	3 0 0	0 0 4	0 0 9	3 2 13
6	Mr. RAHUL KUMAR RATHORE	D S B M Pharmaceutical Chemistry I Pharmacolgy	0 4 0	0 9 0	4 0 0	0 0 3	4 13 3
7	Mrs. Sushisha Tripathy	PHARMACEUTICS II PHARMACEUTICAL JURISPRUDENCE Pharmacognosy	0 0 4	0 0 9	0 0 0	3 3 0	3 3 13

Signature of the Head of the Institution

Signature of the Inspectors

IV - PERSONNEL TEACHING STAFF

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

S.No.	Name	Designation	Qualification	Date of Joining	Teaching Experience		State Pharmacy Council Reg No.	Signature of the Faculty	Remarks of the Inspectors
					After UG In Years	After PG In Years			
1	IMTEYAZ AHMAD	Principal/Director	B Pharm, M Pharm,	30/09/2006	10.9	16.0	823		

2. Qualification and Number of Staff Members

Number of staff members required: 07

Qualification						
B Pharm		M Pharm		PhD		Others
21		2		0		0 Part Time

3. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
0000	Duration of 15 year and above	000
Imteyaz Ahmad	Duration of 10 year and above	000
0000	Duration of 5 year and above	100
Mr Manik Lal Mehar Miss Rohini Armo Mrs Sushisha Tripathy Miss Chhaya Bi Tembhurne Mr Rahul Rathore Miss Monika Keshri	Less than 5 years	100

4. Details of Faculty Turnover

Name of Faculty Member	Period	More than 50%	50%	25%	Less than 25%
Imteyaz Ahmad Mr Manik Lal Meher Miss Rohni Armo Mrs Sushisha Tripathy Miss Chhaya Bi Tembhurne Mr Rahul Rathore Miss Monika Keshri	% of faculty retained in last 3 yrs	Yes	No	No	No

5. Number 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 Inspectors
				Number	Qualification	
1	Laboratory technician	02	D. Pharm	0		
2	Laboratory Assistants/ Attenders	04	SSLC	3	XII	
3	Office Superintendent	1	Degree	0		
4	Accountant cum Clark	1	Degree	5	B Com	
5	Store keeper	1	D. Pharm	1	B Sc	
6	Computer Data Operator	1	10+2 with computer training	1	B A COPA	
7	Peon	2	SSLC	3	x	
8	Cleaning personnel	04	---	6	2	
9	Gardener	01	---	1	8	

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

S.No.	Name	Qualification	Designation	Basic Pay	D. P.	DA	HR A	CCA & Additional Pay	Other Allowances	Deductions			Bank A/C No	PAN No	EPF A/C No	Total	Signature
										P	T	E					
1	IMTEY AZ AHMA D	B Pharm, M Pharm,	Principal/Director	14000	0	5600	2000	0	0	0	0	2352	1232778693	ABIP8694D	cg/11093/79	19248	
2	MANIK LAL MEHAR	B Pharm,	Lecturer	10000	0	5000	300	0	0	0	0	0	31878945954	CFBPM7958H		18000	
3	ROHINI ARMO	B Pharm,	Lecturer	10000	0	5000	1200	300	0	0	0	0	32967948211	AUSPA1649A	00	17000	
4	Chhaya Bai Tembharne	B Pharm,	Lecturer	9500	0	4500	500	0	0	0	0	475		AZBKG2335K	327	14025	
5	Sushis ha Tripathy	B Pharm,	Lecturer	12000	0	3000	500	0	0	0	0	475	612702010005528	ALFPT5115K	347	15025	
6	RAHUL KUMAR RATHORE	B Pharm,	Lecturer	12000	0	1000	500	0	0	0	0	225	30762619180	BKBPR4815C		13275	
7	MONIKA KESHRI	B Pharm,	Lecturer	12000	0	1000	500	0	0	0	0	275	915010044503455	EACPK3654J		13225	

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

Yes No

(Inspectors to verify documents pertaining to the above)

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

Yes No

(Inspectors to verify documents pertaining to the above)

9. Scope for the promotion for faculty: Promotions

Yes No

10. Gratuity Provided

Yes No

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

Name	Designation	Qualification	DOJ	Experience
Narendra Verma	Accountant	B Com	01/11/2004	13
Imran Osmani	Accountant	B Com M A	01/11/2004	13
Firoz Khan	Accountant	B A	15/09/2007	10
Sandhya Pathak	Accountant	B A	15/05/2011	7
Firanta	Accountant	10	01/08/2007	10
Geeta BAi	Cleaning personnel	2	03/03/2009	3
Janki Bai	Cleaning personnel	4	20/08/2009	3
Net Ram	Gardener	8	08/09/2008	7
M Imran	Store keeper	B Sc	16/01/2010	3
Nirmal Nishad	Laboratory Assistants	XII	01/03/2014	2
Chatur Prasad	Laboratory Assistants	B Sc	10/03/2014	2
Pramila	Cleaning personnel	VIII	01/02/2014	2
Durlabh Yadav	Computer Data Operator	B A COPA	09/02/2015	02
Asjad Khan	Peon	x	02/09/2016	2
Mamta Sahu	Librarian	M A B Lib	22/03/2017	1
Sheetal Markam	Laboratory Assistants	B A	13/06/2016	1
Dinesh Kumar	Peon	X	14/06/2016	2
Sarita Bai	Cleaning personnel	8	10/06/2016	2
Ishwari	Cleaning personnel	8	10/06/2016	2
Manju	Peon	x	10/01/2014	4
Jamna Bai	Cleaning personnel	7	11/07/2016	2

12. 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	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	No	

PART - VI

Financial Resource Allocation and Utilization for the past Three years (Audited Accounts for the previous year to be enclosed)

Expenditure in Rs. 2015-2016			Expenditure in Rs. 2016-2017			Expenditure in Rs. 2017-2018			Remarks of the Inspectors*
Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Recurring	
3500000	3030615	469385	4000000	3257425	742575	4200000	3405245	794755	

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

Total budget allocated	Sanctioned	Incur red	Total budget allocated	Sanctioned	Incur red	Total budget allocated	Sanctioned	Incur red	Remarks of the Inspectors*
Chemicals	75000	74102	Chemicals	80000	76054	Chemicals	85000	82457	
Glassware	50000	44566	Glassware	50000	48521	Glassware	55000	55000	

Equipment	4000	5000	Equipment	4512	5000	Equipment	5000	5000	
	0	0		4	0		0	0	
Books	150000	125345	Books	160000	145264	Books	175000	175000	
Journals	18000	18000	Journals	18000	18000	Journals	20000	20000	

*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

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

Pharmaceutics

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Continuous Hot Extraction Equipment	5	5	Yes	
2	Conical Percolator	5	5	Yes	
3	Tincture Press	1	1	Yes	
4	Hand Grinding Mill	1	1	Yes	
5	Disintegrator	1	1	Yes	
6	Ball mill	1	1	Yes	
7	Hand operated Tablet machine	1	1	Yes	
8	Tablet Coating Pan unit with hot air blower laboratory size	1	1	Yes	
9	Polishing pan laboratory size	1	1	Yes	
10	Monsanto's hardness tester	1	3	Yes	
11	Pfizer type hardness tester	1	3	Yes	
12	Tablet disintegration test apparatus IP	1	1	Yes	
13	Tablet dissolution test apparatus IP	1	1	Yes	
14	Granulating sieve set	10	15	Yes	
15	Tablet counter " small size	5	5	Yes	
16	Friability tester	1	1	Yes	
17	Collapsible tube " Filling and sealing equipment	1	2	Yes	
18	Capsule filling machine " Lab size	1	1	Yes	
19	Digital balance	1	1	Yes	
20	Distillation unit for distilled water	2	3	Yes	
21	Deionisation unit	1	1	Yes	
22	Glass distillation unit for water for injection	1	1	Yes	
23	Ampoule washing machine	1	1	Yes	
24	Ampoule filling and sealing machine	1	1	Yes	
25	Sintered glass filters for bacteria proof filtration (four different grades)	0	5	Yes	
26	Millipore filter (3 grades)	0	4	Yes	
27	Autoclave	1	1	Yes	
28	Hot air sterilizer	1	1	Yes	
29	Incubator	1	1	Yes	
30	Aseptic cabinet	1	1	Yes	
31	Ampoule clarity test equipment	1	1	Yes	
32	Blender	1	1	Yes	
33	Sieves set (Pharmacopoeial standard)	2	2	Yes	
34	Lab Centrifuge	1	2	Yes	
35	Ointment slab	0	25	Yes	

36	Ointment spatula	0	30	Yes	
37	Pestle and mortar porcelain	0	25	Yes	
38	Pestle and mortar glass	0	15	Yes	
39	Suppository moulds of three sizes	0	20	Yes	
40	Refrigerator	1	1	Yes	

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

Pharmaceutical Chemistry

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Refractometer	1	1	Yes	
2	Polarimeter	1	1	Yes	
3	Photoelectric colorimeter	1	2	Yes	
4	Ph meter	1	2	Yes	
5	Atomic model set	2	3	Yes	
6	Electronic balance	1	1	Yes	
7	Periodic table chart	0	2	Yes	

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

Physiology & Pharmacology Laboratory

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Haemoglobinometer	20	25	Yes	
2	Haemocytometer	10	15	Yes	
3	Student's organ bath	1	1	Yes	
4	Sherington's rotating drum	1	2	Yes	
5	Frog board	0	10	Yes	
6	Tray (dissecting)	0	10	Yes	
7	Frontal writing lever	0	10	Yes	
8	Aeration tube	0	10	Yes	
9	Telethermometer	1	1	Yes	
10	Pole climbing apparatus	1	1	Yes	
11	Histamine chamber	1	1	Yes	
12	Simple lever	0	5	Yes	
13	Sterling heart lever	0	5	Yes	
14	Aerator	0	5	Yes	
15	Histological Slides	0	20	Yes	
16	Sphygmomanometer (B.P. apparatus)	5	5	Yes	
17	Stethoscope	5	5	Yes	
18	First aid equipment	0	3	Yes	
19	Contraceptive device	0	5	Yes	
20	Dissecting (surgical) instruments	0	2	Yes	
21	Balance for weighing small Animals	1	1	Yes	
22	Kymograph paper	0	10	Yes	
23	Actophotometer	1	1	Yes	
24	Analgesiometer	1	1	Yes	
25	Thermometer	0	10	Yes	
26	Plastic animal cage	0	10	Yes	
27	Double unit organ bath with thermostat	1	1	Yes	
28	Refrigerator	1	1	Yes	

29	Digital balance	1	1	Yes	
30	Charts	0	30	Yes	
31	Human skeleton	1	1	Yes	
32	Anatomical specimen (Heart, brain, eye,,ear,,reproductive system etc.,)	0	1	Yes	
33	Electro-convulsimeter	1	1	Yes	
34	Stop watch	0	4	Yes	
35	Clamp, boss heads, screw clips	0	10	Yes	
36	Symeâ€™s Cannula	0	10	Yes	

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

Pharmacognosy Laboratory

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Projection Microscope	1	1	Yes	
2	Charts (different types)	0	25	Yes	
3	Models (different types)	0	20	Yes	
4	Permanent Slides	0	20	Yes	
5	Slides and Cover Slips	0	20	Yes	

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

Pharmacy Practice Laboratory

Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Colorimeter	2	4	Yes	
2	Microscope	0	20	Yes	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	0	25	Yes	
4	Watch glass	0	20	Yes	
5	Centrifuge	1	2	Yes	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	0	1	Yes	
7	Filtration equipment	2	2	Yes	
8	Filling Machine	1	1	Yes	
9	Sealing Machine	1	1	Yes	
10	Autoclave sterilizer	1	1	Yes	
11	Membrane filter	0	1	Yes	
12	Sintered glass funnel with complete filtering assemble	0	1	Yes	
13	Small disposable membrane filter for IV admixture filtration	0	1	Yes	
14	Laminar air flow bench	1	1	Yes	
15	Vacuum pump	1	1	Yes	
16	Oven	1	1	Yes	
17	Surgical dressing	0	5	Yes	
18	Incubator	1	1	Yes	
19	PH meter	1	2	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.

Signature of the Head of the Institution

Signature of the Inspectors

Observations of the Inspectors:

Compliance of the last recommendations by Inspectors

Specific observations if not compiled

Signature of Inspectors:

1.

2.

Note:

- 1. The Inspection Team is instructed to physically verify the details and records filled up by the college in the application form submitted by the college, which is with you now and record the observations, opinions and recommendations in clear and explicit terms.**
- 2. The team is requested to record their comments only after physical verification of records and details.**

Signature of the Head of the Institution

**Signature of
the
Inspectors**