

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. :

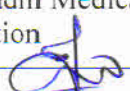
NAME OF THE INSPECTORS: 1.
(BLOCK LETTERS)

2.

PART - I

A - GENERAL INFORMATION

A - I. 1 Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail	DEPARTMENT OF PHARMACY MALWANCHAL UNIVERSITY INDEX CITY, NH - 59A NEAR KHUDEL NEMAWAR ROAD, INDORE
Year of starting of the course	2017- 2018
Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust)	PRIVATE UNIVERSITY (ENCLOSURE 1)
A - I. 2 Name, address of the Society/Trust/ Management (attach documentary evidence) STD Code: Telephone No: Fax No: E-mail Web Site:	(ENCLOSURE 2)
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	Dr.M. CHRISTPOHER REGISTRAR 0731 4013656 7568222888 0731 4013656 registrar@malwanchaluniversity.com
A - I. 4 Name and Address of the Head of the Institution	JAVED KHAN PATHAN ROSHAN VILLA, 12 C, ALI COLONY, KHAJRNA, INDORE (M.P.)
A - I. 4 a) Whether the Jan Aushadhi Medical Store has been opened by your institution	Yes / No(✓) (Please tick (✓) the relevant portion)

Signature of the Head of the Institution

Principal
Department of Pharmacy
Malwanchal University,
INDORE

Signature of the Inspectors

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
D. Pharm	2018- 2019	DD NO:454047	30/08/2017

(ENCLOSURE 3)

b. APPROVAL STATUS:

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVERNMENT	Remarks of the Inspectors
D. Pharm	2017-2018	Approval Letter No and Date	17-1233/2016-PCI Dated: 14 -15/07/2017	PRIVATE UNIVERSITY (ENCLOSURE 4)	
		Approved Intake	60		
		Actually Admitted	60		

c. STATUS OF APPLICATION

Course	Extension of Approval		Increase in Intake of Seats		Remarks	
					Current Intake	Proposed increase in Intake
D. Pharm	Yes (✓)	No	Yes	No (✓)	60	00

Note: Enclose relevant documents (ENCLOSURE 5)

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

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

MALWANCHAL UNIVERSITY, INDEX CITY, NH -59A, NEAR KHUDEL, NEMAWAR ROAD, INDORE (M.P.)
0731- 4013656

Signature of the Head of the Institution
Principal
Department of Pharmacy
Malwanchal University
INDORE

Signature of the Inspectors

6/2/2020
10/2/2020
11/2/2020


Signature of the Head of the Institution
PRINCIPAL
Department of Pharmacy
Malwanchal University.
INDORE

Signature of the Inspectors

B - DETAILS OF THE INSTITUTION

B-I.1 Name of the Principal		Mr. JAVED KHAN PATHAN			
Qualification/ Experience	Qualification*		Teaching Experience Required	Actual experience	Remarks of the Inspectors
	M. Pharm	2009	05 years	8.5 years	
	PhD (Desirable)	PURSUIING 2016	02 years		

* Documentary evidence should be provided (ENCLOSURE 6)

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	20/01/2017 & 21/01/2017	HAVE SOME VALUABLE SUGGESTIONS FOR REQUIREMENTS	COMPILED WITH THE SAID REQUIREMENT	----

* Enclose Documents (ENCLOSURE 7)

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	2015-2016	2016-2017	2017-2018
Sanctioned	NA	NA	60
No. of Admissions	NA	NA	60
Unfilled Seats	NA	NA	00
No. of Excess Admissions	NA	NA	00

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	NA	NA	NA (AS IT IS FIRST YEAR OF ADMISSION)

Signature of the Head of the Institution

Signature of the Inspectors

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Department of Pharmacy
Malwanchal University,
INDORE

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

Whether college has NSS Unit (Yes/No)? If no give reasons	AS IT IS FIRST YEAR OF ADMISSION
NSS Programme Officer's Name	NOT APPLICABLE
Programme conducted (mention details)	NOT APPLICABLE
Whether students participating in University level cultural activities / Co- curricular/sports activities	Yes (✓) / No Students will participate
Physical Instructor	Available (✓) / Not available
Sports Ground	Individual / Shared (✓) UNIVERSITY GROUND

Signature of the Head of the Institution

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Department of Pharmacy
Malwanchal University,
INDORE

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) (ENCLOSURE 8)

C.2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspectors
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants a. Government b. Others	0.00	CAPITAL EXPENDITURE			
2.	Tuition Fee	4,500,000/-	1.	Building	2,40,00,00,000/-	
3.	Library Fee	1,20,000/-	2.	Equipment	6,95,672/-	
4.	Sports Fee	60,000/-	3.	Others (Books, journals glasswares & chemicals)	2,58,340/-	
5.	Union Fee	0.00	REVENUE EXPENDITURE			
6.	Others	1,20,000/-	1.	Salary	0.00	
			2.	MAINTENANCE EXPENDITURE		
				I College	0.00	
				Ii Others	0.00	
			3.	University Fee (If any)		
			4.	Apex Bodies Fee	1,25,000/-	
			5.	Government Fee	0.00	
			6.	Deposit held by the College	0.00	
			7.	Others	0.00	
			8.	Misc. Expenditure	3,00,000/-	
			Total		2,40,13,79,012/-	
	Total	48,00,000/-				

Note: Enclose relevant documents

(As this is first year of course, so financial audited documents are not enclosed)


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 INDORE

Signature of the Inspectors

PART- II PHYSICAL INFRASTRUCTURE

1. a. Building : Own (✓) / Rented / Leased

b. Land:

i) Leased or own

Leased

Own (✓)

Sale / Agreement deed (records to be enclosed) : Enclosed (✓) / Not available
(ENCLOSURE 9)

Building:

Leased

Rented

i) Leased/Rented [†] (Record to be enclosed) : Enclosed /Not available NOT APPLICABLE

ii) If Own (Approved Building plan & sale deed to be enclosed) : Enclosed (✓) / Not available
(ENCLOSURE 10)

d. Total Area of the college building in Sq.mts : Built up Area 25500sq.mtrs

Amenities and Circulation Area 4500 sq.mtrs

2. Class rooms:

Total Number of Class rooms provided

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	1080	

(* To accommodate 60 students)

3. Laboratory requirement

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)	05	375sqm	
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 available in medical college	75sqm 75sqm 75sqm 75sqm 75sqm	
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)	YES	10 Sq.mts	
4	Area of the Machine Room	100 Sq mts	01	100 sqm	
5	Aseptic Room	~ 25 Sq mts	01	25sqm	
6	Store Room – I	1 (Area 20 Sq mts)	01	20 sqm	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01	20 sqm	

* Not required if computer simulated software are available

Signature of the Head of the Institution

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INDORE

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	20 sqm	
2	Office – I Including Confidential Room	01	40 Sq mts	01	40 sqm	
3	Staff / Faculty Rooms for D. Pharm course	01	30 Sq mts	01	30Sqm	
4	Library with computer and reprographic facilities	01	100 Sq mts	01	100 Sq m	
5	Museum	01	30 Sq mts (May be attached to the Pharmacognosy Lab)	01	30 sqm	
6	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	01 available in university campus	750 seating capacity	
7	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	01		

Signature of the Head of the Institution

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INDORE

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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	40sqm	
2	Boy's Common Room (Essential)	01	40 Sq mts	01	40sqm	
3	Toilet Blocks for Boys	01	25 Sq mts	01	25sqm	
4	Toilet Blocks for Girls	01	25 Sq mts	01	25 sqm	
5	Canteen (Desirable)	01	100 Sq mts	01	100 sqm	
6	Drinking Water facility Water Cooler (Essential)	01		01	Yes	
7	Boy's Hostel (Desirable)	01	9 Sq mts / Room Single occupancy	available in university campus		
8	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts/room (triple occupancy)	available in university campus		
9	Power Backup Provision (Desirable)	01		available in university campus		

All desirable amenities (canteen, boy's hostel, girl's hostel and power backup) are present in the university campus.

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	YES	10	----	
Printers	1 printer for every 10 computers	YES	03	----	
Xerox Machine	01	YES	01	----	
Multi Media Projector	02	YES	02	----	

7. Amenities (Desirable) All desirable amenities are present in the university campus.

Name	Requirement as per Norms in area	Available		Not Available	Remarks/ Deficiency
		No.	Area in Sq. mts		
Principal quarters	80 Sq. mts	01	Available in campus	----	
Staff quarters	6 x 80 Sq. mts	YES	Available in campus	----	
Parking Area for staff and students		YES	Available in campus	----	
Bank Extension Counter		YES	Available in campus	----	

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Co operative Stores		YES	Available in campus	----	
Guest House	80 Sq. mts	YES	Available in campus	----	
Transport Facilities for Students		YES 50 BUSES		----	
Medical Facility (First Aid)		YES	Available in campus	----	

Signature of the Head of the Institution

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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	388	1820	
2	Annual addition of books		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.	01 01 01 01 01 01 01	PO PLACED (IN PROCESS)	
4	Library Timings : College Timings (9:00AM - 4:00 PM)					

8.B. Subject wise Classification:

Sl. No	Subject	Available		Remarks of the Inspectors
		Titles	Numbers	
1	Pharmaceutics – I	23	122	
2	Pharmaceutical Chemistry – I	22	117	
3	Pharmacognosy	29	121	
4	Biochemistry and Clinical Pathology	21	97	
5	Human Anatomy and Physiology	23	162	
6	Health Education and Community Pharmacy	19	129	
7	Pharmaceutics – II	17	80	
8	Pharmaceutical Chemistry – II	48	218	
9	Pharmacology and Toxicology	26	107	
10	Pharmaceutical Jurisprudence	09	67	
11	Drug Store and Business Management	11	40	
12	Hospital and Clinical Pharmacy	07	41	
13	Others	86	345	
14	Dictionary & others	17	174	

8.C. Library Staff:

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

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

Signature of the Principal
Department of Pharmacy
Malwanchal University
INDORE

Signature of the Inspectors

PART III ACADEMIC REQUIREMENTS

Course Curriculum:

1. Student Staff Ratio:

Theory

60:1

Practicals

20:1

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

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

2. Date of Commencement of session:

Commencement	Completion
16/08/17	30/06/18

No of Days

No of Days

3. Vacation:

Summer: 46 days

Winter:

4. Total Number of working days:

176

5. Time Table:

Time Table for I and II D.Pharm Enclosed (ENCLOSURE 11)

Yes

(✓)


No

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

(Yes, till date few classes have been conducted, as this is first year of admission)

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	07	100	06	25	02	
Pharmaceutical Chemistry – I	75	07	75	06	25	02	
Pharmacognosy	75	06	75	06	25	02	
Biochemistry and Clinical Pathology	50	03	75	06	25	02	
Human Anatomy and Physiology	75	06	50	06	25	02	
Health Education and Community Pharmacy	50	04	----	NA	----	NA	
D. Pharm							
Pharmaceutics – II	75	NOT APPLICABLE	100	NOT APPLICABLE	25	NOT APPLICABLE	
Pharmaceutical Chemistry – II	100	NOT APPLICABLE	75	NOT APPLICABLE	25	NOT APPLICABLE	
Pharmacology and Toxicology	75	NOT APPLICABLE	50	NOT APPLICABLE	25	NOT APPLICABLE	
Pharmaceutical Jurisprudence	50	NOT APPLICABLE	----	NOT APPLICABLE	----	NOT APPLICABLE	
Drug Store and Business Management	75	NOT APPLICABLE	----	NOT APPLICABLE	----	NOT APPLICABLE	
Hospital and Clinical Pharmacy	75	NOT APPLICABLE	50	NOT APPLICABLE	25	NOT APPLICABLE	

Signature of the Head of the Institution


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 INDORE

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

Yes

No

(Not done, as this is first year of admission)

8. Whether Evaluation of the internal assessments is Fair Yes

No

(Not done, as this is first year of admission)

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	NA	NA	NA	NA	NA	NA	NA	NA	
II D. Pharm	NA	NA	NA	NA	NA	NA	NA	NA	

9. Workload of Faculty members for D. Pharm

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		

(ENCLOSURE 12)

Signature of the Head of the Institution

PRINCIPAL
Department of Pharmacy
Malwanchal University
INDORE

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:

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			

(ENCLOSURE 13)

2. Qualification and number of Staff Members

Number of staff members required: 07 (01+05)

Qualification			
B. Pharm	M. Pharm	PhD	Others - Full Time
03	01	--	01

3. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
NOT APPLICABLE	Duration of 15 yrs. And above	----
NOT APPLICABLE	Duration of 10 yrs. And above	----
NOT APPLICABLE	Duration of 5 yrs. And above	----
NOT APPLICABLE	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	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	----

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	02	B.Sc	
2	Laboratory Assistants/ Attenders	04	SSLC	04	B.Sc	
3	Office Superintendent	01	Degree	01	B.Sc	
4	Accountant cum Clark	01	Degree	01	B.Com	
5	Store keeper	01	D. Pharm	01	D.Pharm	
6	Computer Data Operator	01	10+2 with computer training	01	B.Sc	
7	Peon	02	SSLC	02	10 th	
8	Cleaning personnel	04	---	04	----	
9.	Gardener	01	---	01	----	

Signature of the Head of the Institution

PRINCIPAL
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 Malwanchal University,
 INDORE

Signature of the Inspectors

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

Sl. No	Name	Qualification	Designation	Basic pay Rs.	DA Rs.	HRA Rs.	CCA Rs.	Other allowance Rs.	Deductions			Bank A/C No	PAN No	EPF A/c no.	Total	Signature
									PT	TDS	EPF					

(ENCLOSURE 14)

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

(Inspectors to verify documents pertaining to the above)

YES

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

(Inspectors to verify documents pertaining to the above)

YES

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

(ENCLOSURE 15)

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

Yes (✓) / No


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PART V - DOCUMENTATION

Records Maintained: (Essential)

Sl. No	Records	Yes	No	Remarks of the Inspectors
1.	Admissions Registers	YES		
2.	Individual Service Register	YES		
3.	Staff Attendance Registers	YES		
4.	Sessional Marks Register	YES		
5.	Final Marks Register	YES		
6.	Student Attendance Registers	YES		
7.	Minutes of meetings- Teaching Staff	YES		
8.	Fee paid Registers	YES		
9.	Acquittance Registers	YES		
10.	Accession Register for books and Journals in Library	YES		
11.	Log book for chemicals and Equipment costing more than Rupees one lakh	YES		
12.	Job Cards for laboratories	YES		
13.	Standard Operating Procedures (SOP's) for Equipment	YES		
14.	Laboratory Manuals	YES		
15.	Stock Register for Equipment	YES		
16.	Animal House Records as per CPCSEA	YES		

Signature of the Head of the Institution

PRINCIPAL
Department of Pharmacy
Malwanchal University,
INDORE

Signature of the Inspectors

PART - VI

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

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
	Total budget sanctioned	Recurring	Non Recurring	Total Budget Sanctioned	Recurring	Non Returning	Total Budget Sanctioned	Recurring	Non Returning	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	

(ENCLOSURE 16)

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


Sl No.	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
	Chemicals	NA	NA	Chemicals	NA	NA	Chemicals	1,25,000	1,25,000	
	Glassware	NA	NA	Glassware	NA	NA	Glassware	70,000	70,000	

(ENCLOSURE 17 & ENCLOSURE 18)

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

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
	Equipment	NA	NA	Equipment	NA	NA	Equipment	6,95,672	6,95,672	

(ENCLOSURE 19)


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

Sl No.	Expenditure in Rs.			Expenditure in Rs.			Expenditure in Rs			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1	Books	NA	NA	NA	NA	NA	Books	40,340	40,340	
2	Journals	NA	NA	NA	NA	NA	Journals	23,000	23,000	

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

(ENCLOSURE 20 & 21)


PRINCIPAL
 Signature of the Head of the Institution
 Department of Pharmacy
 Malwanchal University,
 INDORE

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	01	Yes	
26	Millipore filter (3 grades)	Adequate	01	Yes	

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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	02	Yes	
36	Ointment spatula	Adequate	05	Yes	
37	Pestle and mortar porcelain	Adequate	25	Yes	
38	Pestle and mortar glass	Adequate	25	Yes	
39	Suppository moulds of three sizes	Adequate	02	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	01	Yes	

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PHYSIOLOGY & PHARMACOLOGY LABORATORY

Equipment:

Sl 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	01	Yes	
4	Sherington's rotating drum	1	01	Yes	
5	Frog board	Adequate	05	Yes	
6	Tray (dissecting)	Adequate	05	Yes	
7	Frontal writing lever	Adequate	05	Yes	
8	Aeration tube	Adequate	05	Yes	
9	Telethermometer	1	01	Yes	
10	Pole climbing apparatus	1	01	Yes	
11	Histamine chamber	1	01	Yes	
12	Simple lever	Adequate	05	Yes	
13	Staring heart lever	Adequate	05	Yes	
14	Aerator	Adequate	05	Yes	
15	Histological Slides	Adequate	05	Yes	
16	Sphygmomanometer (B.P. apparatus)	5	05	Yes	
17	Stethoscope	5	05	Yes	
18	First aid equipment	Adequate	01	Yes	
19	Contraceptive device	Adequate	01	Yes	
20	Dissecting (surgical) instruments	Adequate	01	Yes	
21	Balance for weighing small Animals	1	01	Yes	
22	Kymograph paper	Adequate	01	Yes	
23	Actophotometer	1	01	Yes	
24	Analgesiometer	1	01	Yes	
25	Thermometer	Adequate	25	Yes	
26	Plastic animal cage	Adequate	05	Yes	
27	Double unit organ bath with thermostat	1	01	Yes	
28	Refrigerator	1	01	Yes	
29	Single pan balance	1	01	Yes	
30	Charts	Adequate	01	Yes	


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31	Human skeleton	1	01	Yes	
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	1 set		Yes	
33	Electro-convulsimeter	1	01	Yes	
34	Stop watch	Adequate	06	Yes	
35	Clamp, boss heads, screw clips	Adequate	01	Yes	
36	Syme's Cannula	Adequate	01	Yes	

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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	20	Yes	
3	Models (different types)	Adequate	20	Yes	
4	Permanent Slides	Adequate	160	Yes	
5	Slides and Cover Slips	Adequate	01	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	02	Yes	
2	Microscope	Adequate	10	Yes	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	Adequate	06	Yes	
4	Watch glass	Adequate	25	Yes	
5	Centrifuge	1	01	Yes	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	Adequate		Yes	
7	Filtration equipment	2	02	Yes	

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8	Filling Machine	1	01	Yes	
9	Sealing Machine	1	01	Yes	
10	Autoclave sterilizer	1	01	Yes	
11	Membrane filter	1 Unit	01	Yes	
12	Sintered glass funnel with complete filtering assemble	Adequate	01	Yes	
13	Small disposable membrane filter for IV admixture filtration	Adequate	01	Yes	
14	Laminar air flow bench	1	01	Yes	
15	Vacuum pump	1	01	Yes	
16	Oven	1	01	Yes	
17	Surgical dressing	Adequate	01	Yes	
18	Incubator	1	01	Yes	
19	PH meter	1	01	Yes	
20	Disintegration test apparatus	1	01	Yes	
21	Hardness tester	1	01	Yes	
22	Centrifuge	1	01	Yes	
23	Magnetic stirrer	1	01	Yes	
24	Thermostatic bath	1	01	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 plants, 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.


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Observation of the Inspectors:

Compliance of the last recommendations by Inspectors

Specific observations if not complied

Signature of Inspectors:

1.

2.

Note:

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



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