

THE TAMIL NADU DR. M.G.R. MEDICAL
UNIVERSITY, CHENNAI-600 032.



INSPECTION REPORT

**FOR THE ISSUE OF CONSENT OF AFFILIAITON /
PROVISIONAL AFFILIATION FOR STARTING OF
B.PHARM. / M.PHARM. / PHARM.D / PHARM.D (PB)
COURSES**

STARTING OF B.PHARM. / M.PHARM. / PHARM. D. / PHARM. D. (PB) COURSES

Academic year :		
Date of Inspection :		
Name of the Course applied with intake:		
Consent of Affiliation / Provisional Affiliation		
1	Name of the Convener, Designation, contact details	Name of the Member, Designation, contact details
	Name: Designation: Address: Mobile No: Mail-id:	Name: Designation: Address: Mobile No: Mail-id:
2	University Letter No. and Date in which the Inspection Commission is constituted	
3	Name and Details of Authorities representing the Management present at the time of Inspection.	
4	Name of the Society/Trust and its full Registered address (Enclose a copy of Registration Certificate) Name of the Chairman / Managing Trustee Phone Number - Office Mobile E-mail address	
5	a Name of the Pharmacy College and full address	

		Telephone Numbers			
		Website			
		E-Mail Address			
	b	Name of the Principal			
		Mobile			
		E-mail address			
6	a	Name of the other courses run by the Trust in the same premises	Course	Same / Separate Building	
	b	If so, whether the separate Building is available for Pharmacy course			
c	NOTE: Where more than one course is conducted in the same premises / location by the Trust the Inspection commission may ensure that the course in this report has sufficient infrastructural facilities like land, building, laboratory, hostel, residential quarters etc. independent of the facilities provided for other course(s).				
7	Order No. and Date of the Government of Tamil Nadu in which permission was accorded to start the Pharmacy college / course with number of intake permitted and from which academic year – G.O. (Enclose a copy of the order)				
8	a	Whether the Trust has obtained minority Status?			
	b	Academic year for which the Minority Status obtained. (Enclose a copy of the relevant G.O.)			
9	Whether the Institution has fulfilled all the conditions prescribed in G.O. Ms. No.1190, Health and Family welfare Department, dated 30.08.96 including the creation of endowment in the Joint names of the Director of Medical Education and the Trust / Society. (Furnish details with evidence)				

10	Whether the Institution is approved by the Pharmacy Council of India? (for academic year....)	
11	a	Proceedings No. and Date in which Provisional Affiliation was granted by this University for B.Pharm. (If the COA is for Pharm.D / Pharm.D(PB) / M.Pharm.)
	b	Proceedings No. and Date in which the order of continuance of Provisional Affiliation was last granted to conduct entire B.Pharm. Degree Course and No. of intake of students permitted. (If the COA is for Pharm.D / Pharm.D(PB) / M.Pharm.) (Enclose a copy of the order)

12	A	<p>READY BUILT AREA Details regarding the availability of minimum ready built area of 3,500 sq.m for the entire course to accommodate the administrative office, laboratories, class rooms, library, store-rooms, toilets for students and staff (separately for men and Women) with proper hygiene, adequate sanitation facilities, safe drinking water, adequate water supply, etc., (Please furnish the particulars on each of the above items without omission including ownership documents, Building plan, Sale deed etc.,).</p>	<p>(1) Land – 2.5 acre for Dist. HQ/ Corporation/ Municipality limit</p> <p>(2) 0.5 Acres - Metro / cities</p>
		a) Copy of the registered Trust Deed / all supplementary deeds / Registered Certificate of Society / Certificate of Incorporation of the company and all the bye-laws registered from time to time with Memorandum of Association and Articles of Association.	
		b) Copy of the minutes of the meeting / resolution of the Trust / Society / Company for starting of Pharmacy course.	
		<p>c) Land Requirements:- Metro Areas : 0.5 acres District Headquarters / Corporation / Municipality Areas : 2.5 acres</p>	
		d) Copy of the Sale Deed / Gift Deed / Rectification Deed / Lease Deed pertaining to the lands / buildings	

	earmarked for the course in the name of the Trust / Society / Company.	
	e) Original Sworn Affidavit in INR.200/- Non-Judicial Stamp Paper with the Seal and attestation of the Notary Public by earmarking the survey numbers as per the University circular. No. Affln.VII(1)/21880/ 2021 dated 25.08.2023.	
	f) Original Consolidated Sworn Affidavit in INR.200/- Non-Judicial Stamp Paper with the Seal and attestation of the Notary Public by earmarking the survey numbers allotted for the courses as per the University circular. No. Affln.VII(1)/21880/ 2021 dated 25.08.2023 (If the applicant is conducting more than one course(s))	
	g) Up to date authenticated (or) digitally verified Encumbrance Certificate issued by the concerned Sub Registrar office for a period not less than 30 years for all the survey numbers earmarked in the sworn affidavit / Consolidated Sworn Affidavit for the course.	
	h) Copy of the Government order (or) proceedings (or) Certificate issued by the Tahsildar for sub division of old survey number to new survey number / resurvey number of numbers.	
	i) Copy of the Patta, Adangal and "A"-Registrar for all the survey numbers earmarked for the course in the name of the Trust / Lessor / Society / Company.	
	j) Copy of the latest Government Pleader opinion by tracing out all the title deeds of the Trust / Lessor / Society / Company.	
	k) Original Undertaking Affidavit in INR.200/- Non-Judicial Stamp Paper as per the University circular. No. Affln.VII(1)/ 21880/ 2021 dated 25.08.2023 along with the copy of the statement of accounts containing the loan details of every accounting year, copy of the Audited Balance Sheet for the last 3 financial years, Auditor report, I.T. Acknowledgment (if the applicant has availed a loan from the Nationalized Bank or Financial Institutions by mortgaging the properties)	

	1) Certificate of evience obtained from the Revenue authority stating that the earmarked land at the proposed Pharmacy College does not attract the T.N. Urban Land Ceiling and Regulations Act, 1978, T.N. Town Country Planning Act, 1971 and T.N. Land Reforms Act 1961.				
	If the college conducts M. Pharm & Pharm. D., courses, total ready built area available for B. Pharm, M. Pharm & Pharm D for college courses				
B	DETAILS OF FACILITIES Administrative area	No. of rooms	Area	Available	Shortfall
a	i) Principal's office	1	30 Sq.mts		
	ii) Administrative office	1	150 Sq.mts		
	iii) Academic records room (optional)	1			
	iv) Strong room (optional)	1			
b	Rooms	No. of rooms	Area	Available	Shortfall
	i) HOD	Minimum 4	20 Sq.mts x 4		
	ii) Faculty members	Adequate	Sq. mts x n (n- No. of teachers		
c	Class rooms 6 class rooms of 75 Sq.mts. 4 class rooms of 150 Sq. mts. *2 class rooms of 75 Sq.mts for Pharm.D course & 36 Sq.mts for each M.Pharm. branch	6 + 4*			
d	Examination / Seminar Hall	1 No.	250-300 seating capacity		
e	Toilet facilities				
	Students – Men	1 No.	24 Sq.mts		
	Students – Women	1 No.	24 Sq.mts		
f	Common room for Boys	1 No.	60 Sq.mts		
g	Common room for Girls	1 No.	60 Sq.mts		
C	Amenities				

	a	Drinking water facilities			
	b	Power back up	50 KVA		
	c	Canteen	100 Sq.m		
	d	Parking area Staff – 2 Wheeler 4 Wheeler Students – 2 Wheeler 4 Wheeler Bank Post office General stores First aid Sick room			
13.	Hostel Facilities (Desirable)				
			Required	Available	Shortfall
	a	For Men	9 sq.m. per Room for single occupancy 20 sq.m. per Room for triple occupancy		
	b	For Women	9 sq.m. Per Room for single occupancy 20 sq.m. per Room for triple occupancy		
	c	Whether permanent hostel buildings for men and women students separately are available within the campus? If so, number of rooms available for each?	Men: Women:		
	d	Furnish address, if Hostel is not provided in the same campus as the College is situated			
	e	Whether transport facilities are provided between College and Hostel?			
14	RESIDENTIAL QUARTERS (Desirable)				
	Details of residential quarters provided to the staff. Whether this facility is provided in the same complex or separately? (Furnish full details)				
	Principal's quarters		80 Sq.mts		
	Staff quarters		16 x 80 Sq.mts		
	Guest rooms for visitors		80 Sq.mts		

15	PLAY GROUND (Desirable)	
a	Whether playground facility is available in the same campus?	
b	The details of sports articles provided to the students by the college.	
16	EXTRA CURRICULAR	
a	Whether adequate space and equipment have been provided for extra-curricular activities for the students?	Specify
17	FURNITURE	
a	Whether adequate furniture are available in the Pharmacy College for staff and students?	
18	HOSPITAL ARRANGEMENTS	
a	Whether the college is located in the proximity of a Medical College or a well-established General Hospital with which the management has an agreement to facilitate training of Pharmacy students in the subjects of Clinical Pharmacy, Hospital Pharmacy, Hospital has an agreement to facilitate training of pharmacy students in the subjects of Clinical Pharmacy, Hospital Pharmacy, Hospital Administration?	(Enclose copy of the order) (Enclose Clinical Establishment Registration Certificate)
b	Whether the college has a tie up with a General Hospital with a minimum of 100 beds within the radius of 30 Kms (300 beds for Pharm.D and M.Pharm. Pharmacy Practice degree course)	
c	If the Tie up is with a Government Hospital, submit the Government order copy	
d	If it is not your own Hospital, submit the copy of MOU.	
e	No. of Beds	
f	Period of tie up	
	(Enclose binding evidence to show that the hospital shall oblige to extend the necessary facilities to the Pharmacy students in imparting the Training)	
19	Whether the college possess an Undertaking from a Pharmaceutical manufacturing unit to provide training for 15 days in manufacture	

	and for 15 days in analysis for the IV year B.Pharmacy students.(Enclose copy of the undertaking))			
20	Whether the institution has fulfilled all the Norms and requirements of Pharmacy Council of India & University for conducting B. Pharmacy / M.Pharmacy / Pharm.D / Pharm.D(PB) with approved intake			
21	SHOW CAUSE NOTICE			
	Whether any show cause notice issued for inadequacy of facilities/ teaching staff etc. by the Pharmacy Council of India or the University? If so, furnish details.			
22	LIBRARY			
a	Timings : Area : Seating facilities : Browsing facilities with area (minimum 10 computers): Own book reading area :			
b	Total number of Books / Journals available for Pharmacy course in different specialties. [Enclose List of books subject wise and Journals along with Tax invoice (National and International)]			
c	Details of availability of Internet and CD-ROM facilities in the Library.			
d	Central Library with Reading room with a minimum space of 150 sq.m. with a minimum of 1500 volumes of 150 titles for the use of students			
e	LIBRARY FACILITIES			
	Item	Titles Required	Minimum Volumes	Available
	No. of Books	150	1500	
	Annual increment in Books		100-150	
	National Journal	10	-	
	International Journals	5	-	
	E- Journals		Science Direct / Bentham / University E-Consortium	

	Educational Aid CDs	Adequate	-	
	Reading room seating capacity	15% of total No. of students or a maximum of 150 seats		
f	Whether the College is equipped with audio-visual teaching aids (CD Projector, Smart board, Any other), Photo copying machine, other office equipment's and a photographic section?			

TEACHING STAFF

23	TEACHING STAFF REQUIRED
	Whether the Pharmacy College has the Teaching Staff as prescribed in the statutes with reference to the qualifications prescribe in the Pharmacy statutes and PCI regulations

24(a) Enclose the copy of the Teaching faculties uploaded in PCI portal(inspection commission to verify the teaching faculties available with this list)

24(b) Enclose copy of Appointment order, Joining Report, Educational Qualification, Council Registration Certificate, Teaching Experience before and after Post-Graduation & Affidavit for the following faculties.

Name of the Post	Required No.	Qualification	Experience
Principal (Any Specialisation)	1 (For all the Pharmacy Courses)	Qualification B. Pharm. M. Pharm. Ph.D.	<u>Essential</u> 15 years Experience in teaching or research out of which 5 years must be as professor /HOD in a PCI approved / recognized pharmacy college. Yes/No <u>Desirable</u> Administrative experience in a responsible position.

Name of the Principal / Head									
Qualification / Experience	Qualification*			Teaching Experience Required	Actual experience	Remarks of the Inspectors			
		Year of Pass	Class						
	B. Pharm.,						15 years in teaching or Research out of which 5 years should be as Professor.		
	M. Pharm.,								
Ph.D.,									

For Pharm. D. 30:1 for Theory and 30:1 for Practical is the ratio of student's faculty. Availability for Teaching faculty and equipment (enclosed) for the 1st year is mandate and has to be checked. All the details of the teaching staff should be filled in these columns only. No separate attachment for these details. (Whichever is applicable)

Department: Pharmaceutics including Pharmaceutical Biotechnology

Sl. No.	Name of the Post	Required for the Strength of 60 B.Pharm & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	01*	-	02		
2.	Associate Professor	02	-	-	-	02		
3	Assistant Professor / Lecturer	02+ 01*	-	-	-	03		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

Sl. No.	Name of the Post	Required for the Strength of 100 B. Pharm., & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	01*	-	-	02		
2.	Associate Professor	02	-	-	-	02		
3	Assistant Professor / Lecturer	05 + 01*	-	-	-	06		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

* Teaching Faculty for Pharm.D and Pharm.D(PB) courses

** Teaching Faculty for M.Pharm. degree course

Department: Pharmaceutical Chemistry including Pharmaceutical Analysis

Sl. No.	Name of the Post	Required for the Strength of 60 B. Pharm & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	01*	-	02		
2.	Associate Professor	01+ 01*	-	-	-	02		
3	Assistant Professor / Lecturer	02 + 01*	-	-	-	03		
**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.								

Sl. No.	Name of the Post	Required for the Strength of 100 B. Pharm., & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01+ 01*	-	-	-	02		
2.	Associate Professor	02	-	-	-	02		
3	Assistant Professor / Lecturer	04+ 01*	01	-	-	06		
**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.								

* Teaching Faculty for Pharm.D and Pharm.D(PB) courses

** Teaching Faculty for M.Pharm. degree course

Department: Pharmacology

Sl. No.	Name of the Post	Required for the Strength of 60 B.Pharm & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	01*	-	02		
2.	Associate Professor	01	-	-	-	01		
3	Assistant Professor / Lecturer	01+ 01*	-	-	-	02		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

Sl. No.	Name of the Post	Required for the Strength of 100 B. Pharm., & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	01*	-	02		
2.	Associate Professor	01	-	-	-	01		
3	Assistant Professor / Lecturer	03+ 01*	-	-	-	04		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

* Teaching Faculty for Pharm.D and Pharm.D(PB) courses

** Teaching Faculty for M.Pharm. degree course

Department: Pharmacognosy

Sl. No.	Name of the Post	Required for the Strength of 60 B.Pharm & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	-	-	01		
2.	Associate Professor	-	01*	-	-	01		
3	Assistant Professor / Lecturer	01	-	-	-	01		
**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.								

Sl. No.	Name of the Post	Required for the Strength of 100 B. Pharm., & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	01	-	-	-	01		
2.	Associate Professor	01	-	-	-	01		
3	Assistant Professor / Lecturer	02	-	-	-	02		
**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.								

* Teaching Faculty for Pharm.D and Pharm.D(PB) courses

** Teaching Faculty for M.Pharm. degree course

Department: Pharmacy Practice

Sl. No.	Name of the Post	Required for the Strength of 60 B.Pharm & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	-	-	01*	-	01		
2.	Associate Professor	-	01*	-	-	01		
3	Assistant Professor / Lecturer	01+ 01*	-	-	-	02		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

Sl. No.	Name of the Post	Required for the Strength of 100 B. Pharm., & 30+10 Pharm. D. (Regular & PB) Students					Available	Shortfall
		I	II	III	IV / V	Total		
1.	Professor	-	-	01*	-	01		
2.	Associate Professor	01	-	-	-	01		
3	Assistant Professor / Lecturer	01*	-	02*	-	03		

**In addition, two faculty members with M. Pharm. Qualification in concerned specialization with more than five years' experience have to be appointed for each specialization.

* Teaching Faculty for Pharm.D and Pharm.D(PB) courses

** Teaching Faculty for M.Pharm. degree course

PART TIME STAFF: 3

Sl. No.	Name of the Post	Required for the Strength of 100 Students	Available	Shortfall
1.	Assistant Professor of Biostatistics	1		
2.	Assistant Professor of Computer Science	1		

Name of the Teaching Staff	Designation	Qualification	Experience*

Qualification as per Pharmacy Statutes

MINIMUM REQUIREMENTS OF ACADEMIC QUALIFICATIONS, TEACHING, RESEARCH AND INDUSTRY EXPERIENCE FOR THE TEACHING POSTS IN PHARMACY COLLEGE/INSTITUTIONS

B.PHARM DEGREE COURSE

Name of the Post	Academic qualification	Teaching/Research/Industry Experience
Director/Principal/Head of the Institution	<p>First Class B.Pharm with Master's degree in Pharmacy (M.Pharm) in appropriate branch of specialization in Pharmacy or Pharm.D (Qualifications must be PCI recognized)</p> <p>With Ph.D degree in any of Pharmacy subjects (Ph.D. Qualification must be PCI recognized)</p>	<p><u>Essential</u></p> <p>15 years experience in teaching or research out of which 5 years must be as Professor/HOD in a PCI approved/recognized pharmacy college.</p> <p><u>Desirable</u></p> <p>Administrative experience in a responsible position</p>

Note: As approved by the PCI's "Minimum Qualification for Teachers in Pharmacy

<p>Professor</p>	<p>First class B. Pharm., with Master's degree in Pharmacy (M. Pharm.,) in appropriate branch of specialization in Pharmacy or Pharm. D.,(Qualifications must be PCI recognized)With Ph. D., degree in any of Pharmacy subjects (Ph.D. Qualifications must be PCI recognized)</p>	<p><u>Essential</u> 10 years' experience in teaching in PCI approved/recognized Pharmacy college or research experience out of which 5 years must be as Associate Professor in PCI approved /recognized Pharmacy College.</p>
<p>Associate Professor</p>	<p>First class B. Pharm., with Masters' degree in Pharmacy (M. Pharm.,) in appropriate branch of specialization in Pharmacy (Qualifications must be PCI recognized)</p> <p>A PCI recognized Pharm. D., degree holder shall also be eligible for the posts of Associate Professor in the subjects of pathophysiology, pharmacology and pharmacy practice.</p> <p>Associate Professor shall acquire PCI recognized Ph. D., in any Pharmacy subjects within 7 years to become eligible for the post of Professor.</p>	<p>3 years' experience in teaching or research at the level of Assistant Professor or equivalent in PCI approved/recognized pharmacy college.</p>
<p>Lecturer/Assistant Professor</p>	<p>First class B. Pharm., with Master's degree in Pharmacy (M. Pharm.,) in appropriate branch of specialization in Pharmacy (Qualifications must be PCI recognized)</p> <p>A PCI recognized Pharm. D., degree holder shall also be eligible for the posts of Lecturer /Assistant Professor in the subjects of pathophysiology, pharmacology and pharmacy practice.</p>	<p>A lecturer will be re-designated as Assistant Professor after 2 years of teaching experience in PCI approved/recognized Pharmacy College.</p>

Institutions Regulations, 2014"

NON PROFESSIONAL POSTS

S.No.	NAME OF THE POST	REQUIRE D Nos.	QUALIFICATION	AVAILABLE	SHORTFALL
1.	Librarian	1	M. Lib.,		
2.	Assistant Librarian	1	D. Lib.,		
3.	Library Attenders	2	10+2/PUC		
4.	Office Superintendent	1	Degree		
5.	Office Staff Gr.I	1	Degree		
6.	Office Staff Gr. II	1	Degree		
7.	Accountant	1	Degree		
8.	Storekeeper	1	D. Pharm./ Degree		
9.	Computer Operator	1	BCA/ Graduate with Computer Course		
10.	Gas Mechanic	1			
11.	Electrical Assistant	1			
12.	Physical Education Director (Part-Time)	1			
13.	Physical Education Marker (Part-Time)	1			
14.	Other Supporting Staff				
	Laboratory Technician	1 for each Dept.	D. Pharm., or B. Pharm., or B. Sc., degree with Chemistry as major and Botany or Zoology as ancillary; or Botany or Zoology as major with Chemistry or Physics as ancillary.		
	Laboratory Assistant / Attender	1 / lab (min.)	SSLC		
	Office Assistant	1/ adequate	Degree		
	Peon	2	SSLC		
	Sweeper/ Cleaning Personnel	1/ adequate			
	Gardener	1/ adequate			

PHYSICAL VERIFICATION OF THE TEACHING STAFF

1	Whether the teaching staff required for conducting B. Pharm., Degree Course are physically present at the time of Inspection?	
2	Whether Teaching Staff Declaration furnished in the enclosed Affidavit?	
3	Whether Passport size Photo affixed and signed by the individual and the Notary Public with seal and Countersigned by the Principal of Pharmacy College ?	
4	After Physical Verification of the teaching Staff, the Affidavit has to be signed by the Convenor and Member of the Inspection Commission and sent to the University along with the Inspection Report.	
5	Notary Public sign and seal should be obtained in all pages of the Affidavit.	

Whether the Pharmacy College is fully equipped with the following?

I B. Pharm.,

1	Whether adequate chemicals and glass wares are available? (Furnish the list)	
2	Whether all equipments essential as per the syllabus are available? (Furnish the list)	
3	Whether Pharmaceutical Chemistry Laboratory with a minimum space of 75 sq.m. is available?	
4	Whether Balance Room, Preparation Room, Laboratory Staff Room and Fume cupboard are available?	
5	Whether a Physiology laboratory of minimum space of 75 sq. m. with facilities for experimental physiology is available?	
6	Whether smoking and varnishing chamber and animal room situated adjacent to laboratory are available?	
7	Whether each laboratory is fitted with work benches and furniture required for 20 students in a batch as per the standard specification?	
8	Whether all the laboratories have good lighting, ventilation and sufficient number of door for any emergency?	
9	Whether adequate number of Exhaust Fans and Fire Extinguishers are available in each Laboratory?	

10	Whether a Petrol Gas Plant or LPG Gas supply is provided?	
11	Equipments available	List attached **
12	Whether a Computer Lab of 75 sq.m. with adequate computing facility is available?	
13	Whether all laboratories are functional at the time of inspection?	
14	Whether a Store-Room for chemicals and glass ware in a minimum space of 100 sq.m. is available?	
15	Whether sectional library is available in each Department?	
16	Whether an Administrative Office with a minimum space of 150 sq. m. is available?	
17	Laboratory with 75sq.m is essential for the conduct of I B. Pharm 1. Pharmaceutics - 1 No. 2. Pharmaceutical Chemistry - 2 Nos. 3. Anatomy/Physiology - 1 No. 4. Pharmacognosy/Remedial Biology – 1 No. 5. Computer Laboratory - 1 No.	

II B. Pharm.,

1	Whether adequate chemicals and glass wares are available? (Furnish the list)	
2	Whether all equipments essential as per the syllabus are available? (Furnish the list)	
3	Whether a Pharmaceutical chemistry laboratory of 75 sq. m. with a standard Chemistry laboratory work tables to accommodate 20 students in a batch at a time is available with gas, water, drainage and sufficient electrical connection on the table and in the laboratory for easy operation of electrical equipments?	
4	Whether provision for vacuum points, Laboratory staff room, preparation room and balance room are available?	
5	Whether a Professor's Room is provided?	
6	Whether a laboratory of 75 sq. m. for Physical Pharmaceutics with water, drainage, gas and electrical connection in the table and at suitable points in the wall and the preparation room is available?	
7	Whether all laboratories are provided with- i) Hot plates in adequate number ii) Heating mantles in adequate number iii) Driers in adequate number	

	iv) Vacuum pumps v) Deioniser vi) Distilled water stills	
8	Whether a Multi-purpose hall with a seating capacity of 120 students and facilities like audio-visual aids for use in Seminars, Symposia and for the conduct of the Examinations is available?	

III B.Pharm.

1	Whether adequate chemicals and glass wares are available? (Furnish the list)	
2	Whether all equipments essential as per the syllabus are available? (Furnish the list)	
3	Whether a Pharmacognosy laboratory of 75 sq. m. to accommodate 20 students at a time is available?	
4	Whether the Laboratory is fitted with Biology type of work tables with gas, water, drainage and electrical connections on the table with fixed lighting for microscopic work?	
5	Whether preparation room and laboratory staff room are available?	
6	Whether sinks for washing are provided in the preparation room?	
7	Whether a Store room of 15 sq. m. is provided in continuity with the laboratory?	
8	Whether a Museum of 50 sq. m. is set up with display of crude drugs?	
9	Whether an Aseptic room of 20 sq. m. is provided with an A/c unit for Tissue culture work?	
10	Whether a Medicinal Garden is provided to grow at least 250 Medicinal Plants?	
11	Whether a Pharmacology laboratory of 75 sq. m. is available with adequate gas, water, drainage and electrical connections for experimental Pharmacology?	
12	Whether preparation room, a laboratory staff room and a smoking and varnishing room are available?	
13	Whether a Pharmaceutics laboratory of 75 sq. m. with gas, water, drainage and electrical connections on the table (for Pharmaceutical Dosage forms practical) is available?	
14	Whether preparation room and room for laboratory staff are provided adjacent to the laboratory?	

15	Whether a Machine room of 80 sq.m. is provided with electrical plug points for fixing all the pharmaceutical machineries required as per the syllabus and making them operational?	
16	Whether Gas, water supply and drainage are provided at appropriate points?	
17	Whether this Machine room is available in continuity with the Pharmaceutics Laboratory?	
18	Whether the Pharmaceutical Bio-Technology Laboratory (under the Department of Pharmaceutics) of 75 sq.m. with Biology type of work tables with gas, water and Drainage facilities is available?	
19	Whether a room of 10 sq m. with a Laminar flow unit and A/C for aseptic dispensing and other microbiological work is available to manage Clinical and Hospital Pharmacy, Dispensing Pharmacy and Biological Pharmacy?	
20	Whether a media sterilization room, Preparation room and laboratory staff room are provided?	
21	Whether a Pharmaceutical Chemistry Laboratory with a minimum space of 75 sq.m. is available?	
22	Whether balance room, preparation room, Laboratory Staff room and Fume cupboard are provided?	
23	Whether a staff Research Laboratory with a minimum space of 75 sq.m. is available?	
24	Whether Provision is made for the students' training in Community, Clinical and Hospital Pharmacy for a period of 1 month?	

Final B. Pharm.,

1	Whether a laboratory for Pharmaceutical Analysis (under Pharmaceutical Chemistry) is available?	
2	Whether a Central Instrumentation room of 80 sq. m. with AC for setting up of all modern analytical equipments is available? (Equipment List enclosed for verification)	
3	Whether adequate electrical connection with voltage stabilizers for the safety of the sensitive analytical equipments is available?	

4	Whether staff room is provided for the Associate professor and Assistant Professor in-charge?	
5	Whether a separate room with heating arrangement, water and drainage facilities is provided adjacent to the instrumentation Laboratory to prepare solutions?	
6	Whether a Multipurpose Hall to accommodate 250 students is provided with facilities like audio-visual aids?	
7	Whether a spacious Animal House of 80 sq.m. to accommodate experimental animals necessary for teaching and research work is provided?	
8	Whether the college is equipped with the Analytical and other laboratories with the latest standard equipments required as per the syllabus?	
9	Whether provision is made for Practical training of one month in any of the established Pharmaceutical manufacturing units?	
10	Whether the college has a minimum of one bus for the students?	
11	Whether the college has an Auditorium?	
	Whether the college has Faculty and Students' Recreation Hall?	
12	Whether all the infrastructural facilities required for the conduct of entire course are continued to be provided by the college?	
13	Whether two additional laboratories (75 Sq. m. each) for conducting Pharmacy Practice subjects has been provided?	
14	Whether all the infrastructural facilities required for the conduct of entire course are continued to be provided by the college?	

Note: Additional two labs are required for conducting pharmacy Practice subjects.

i	UNIVERSITY FEE (Furnish copies of Remittance)	
	Whether the Institution has remitted the Inspection Fee?	

SPECIFIC OBSERVATION OF THE INSPECTION COMMISSION
(Separate note may be enclosed)

PLACE:

DATE:

SIGNATURE OF THE MEMBER

SIGNATURE OF THE CONVENOR

NAME IN BLOCK LETTERS

NAME IN BLOCK LETTERS

* PART VII – EQUIPMENT AND APPARATUS

Department wise list of minimum equipments required for B. Pharm (for a batch of 20 students)

DEPARTMENT OF PHARMACOLOGY

Equipments:

S. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the
1	Microscopes	15			
2	Haemocytometer with Micropipettes	20			
3	Sahli's haemocytometer	20			
4	Hutchinson's spirometer	01			
5	Sphygmomanometer	05			
6	Stethoscope	05			
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands			
8	Models for various organs	One model of each organ system			
9	Specimen for various organs and systems	One model for each organ system			
10	Skeleton and bones	One set of skeleton and one spare			
11	Different Contraceptive Devices and Models	One set of each device			
12	Muscle electrodes	01			
13	Lucas moist chamber	01			
14	Myographic lever	01			
15	Stimulator	01			
16	Centrifuge	01			
17	Digital Balance	01			
18	Physical /Chemical Balance	01			
19	Sherrington's Kymograph Machine / Polyrite	10			
20	Sherrington Drum	10			
21	Perspex bath assembly (single)	10			
22	Aerators	10			
23	Computer with LCD	01			
24	Software packages for experiment	01			
25	Standard graphs of various drugs	Adequate number			
26	Actophotometer	01			
27	Rotarod	01			

28	Pole climbing apparatus	01			
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01			
30	Convulsiometer	01			
31	Plethysmograph	01			
32	Digital pH meter	1			

Apparatus:

Sl. No.	Name	Minimum required Nos	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Folin-Wu tubes	60			
2	Dissection	10			
3	Haemostatic	10			
4	Hypodermic syringes and	10			
5	Levers,	20			

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

DEPARTMENT OF PHARMACOGNOSY

Equipments:

Sl. No.	Name	Minimum required Nos	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscope with stage	15			
2	Digital Balance	02			
3	Autoclave	02			
4	Hot air oven	02			
5	B.O.D. Incubator	01			
6	Refrigerator	01			
7	Laminar air flow	01			
8	Colony counter	02			
9	Zone reader	01			
10	Digital pH meter	01			
11	Sterility testing unit	01			
12	Camera Lucida	15			
13	Eye piece micrometer	15			
14	Incinerator	01			
15	Moisture balance	01			
16	Heating mantle	15			
17	Flourimeter	01			
18	Vacuum pump	02			
19	Micropipettes (Single and multi channeled)	02			
20	Micro Centrifuge	01			
21	Projection Microscope	01			

Apparatus:

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

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

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Hot plates	05			
2	Oven	03			
3	Refrigerator	01			
4	Analytical	05			
5	Digital balance	10			
6	Digital Balance	01			
7	Suction pumps	06			
8	Muffle Furnace	01			
9	Mechanical	10			
10	Magnetic Stirrers	10			
11	Vacuum Pump	01			
12	Digital pH meter	01			
13	Microwave Oven	02			

Apparatus:

Sl. No.	Name	Minimum required	Available Nos.	Working Yes / No	Remarks of the
1	Distillation Unit	02			
2	Reflux flask and	20			
3	Reflux flask and	20			
4	Burettes	40			
5	Arsenic Limit Test	20			
6	Nessler's Cylinders	40			

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

DEPARTMENT OF PHARMACEUTICS

Equipments:

Sl. No	Name	Minimum Requi	Ava ilabl e	Working Yes / No	Remarks of the Inspectors
1	Mechanical stirrers	10			
2	Homogenizer	05			
3	Digital balance	05			
4	Microscopes	05			
5	Stage and eye piece micrometers	05			
6	Brookfield's viscometer	01			
7	Tray dryer	01			
8	Ball mill	01			
9	Sieve shaker with sieve set	01			
10	Double cone blender	01			
11	Propeller type mechanical agitator	05			
12	Autoclave	01			
13	Steam distillation still	01			
14	Vacuum Pump	01			
15	Standard sieves, sieve no. 8, 10, 12,22,24,	10			
16	Tablet punching machine	01			
17	Capsule filling machine	01			
18	Ampoule washing machine	01			
19	Ampoule filling and sealing machine	01			
20	Tablet disintegration test apparatus IP	01			
21	Tablet dissolution test apparatus IP	01			
22	Monsanto's hardness tester	01			
23	Pfizer type hardness tester	01			
24	Friability test apparatus	01			
25	Clarity test apparatus	01			
26	Ointment filling machine	01			
27	Collapsible tube crimping machine	01			
28	Tablet coating pan	01			
29	Magnetic stirrer, 500ml and 1 liter	05			
30	Digital pH meter	01			
31	All purpose equipment with all accessories	01			
32	Aseptic Cabinet	01			
33	BOD Incubator	02			
34	Bottle washing Machine	01			
35	Bottle Sealing Machine	01			
36	Bulk Density Apparatus	02			
37	Conical Percolator (glass/ copper/ stainless	10			
38	Capsule Counter	02			
39	Energy meter	02			
40	Hot Plate	02			
41	Humidity Control Oven	01			
42	Liquid Filling Machine	01			
43	Mechanical stirrer with speed regulator	02			
44	Precision Melting point Apparatus	01			
45	Distillation Unit	01			

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Ostwald's viscometer	15			
2	Stalagmometer	15			
3	Desiccator *	05			
4	Suppository moulds	20			
5	Buchner Funnels (Small,	05 each			
6	Filtration assembly	01			
7	Permeability Cups	05			
8	Andreason's Pipette	03			
9	Lipstick moulds	10			

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 Nos.	Working Yes / No	Remarks of the Inspectors
1	Orbital shaker incubator	01			
2	Lyophilizer (Desirable)	01			
3	Gel Electrophoresis (Vertical and Horizontal)	01			
4	Phase contrast/Trinocular	01			
5	Refrigerated Centrifuge	01			
6	Fermenters of different capacity (Desirable)	01			
7	Tissue culture station	01			
8	Laminar airflow unit	01			
9	Diagnostic kits to identify	01			
10	Rheometer	01			
11	Viscometer	01			
12	Micropipettes (single and multi channeled)	01 each			
13	Sonicator	01			
14	Respinometer	01			
15	BOD Incubator	01			
16	Paper Electrophoresis Unit	01			
17	Micro Centrifuge	01			
18	Incubator water bath	01			
19	Autoclave	01			
20	Refrigerator	01			
21	Filtration Assembly	01			
22	Digital pH meter	01			

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

PHARMACY PRACTICE

Equipments:

S. No.	Name	Minimum required Nos	Available Nos.	Working Yes/No	Remarks of the Inspectors
1	Colorimeter	2			
2	Microscope	Adequate			
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver)	Adequate			
4	Watch glass	Adequate			
5	Centrifuge	1			
6	Biochemical reagents for analysis of normal and pathological	Adequate			
7	Filtration equipment	2			
8	Filling Machine	1			
9	Sealing Machine	1			
10	Autoclave sterilizer	1			
11	Membrane filter	1 Unit			
12	Sintered glass funnel with	Adequate			
13	Small disposable membrane	Adequate			
14	Laminar air flow bench	1			
15	Vacuum pump	1			
16	Oven	1			
17	Surgical dressing	Adequate			
18	Incubator	1			
19	PH meter	1			
20	Disintegration test apparatus	1			
21	Hardness tester	1			
22	Centrifuge	1			
23	Magnetic stirrer	1			
24	Thermostatic bath	1			

NOTE:

1. Computers and Internet connection (Broadband), six computers for students with internet and staff computers as required.
2. Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and the department.

CENTRAL INSTRUMENTATION ROOM

S. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	01			
2	Digital pH meter	01			
3	UV- Visible	01			
4	Flourimeter	01			
5	Digital Balance (1mg	01			
6	Nephelo Turbidity meter	01			
7	Flame Photometer	01			
8	Potentiometer	01			
9	Conductivity meter	01			
10	Fourier Transform InfraRed Spectrometer	01			
11	HPLC	01			
12	HPTLC (Desirable)	01			
13	Atomic Absorption and Emission	01			
14	Biochemistry Analyzer (Desirable)	01			
15	Carbon, Hydrogen, Nitrogen Analyzer	01			
16	Deep Freezer (Desirable)	01			
17	Ion- Exchanger	01			
18	Lyophilizer (Desirable)	01			

Hospital Requirements for running Pharm. D., or Pharm. D. and Pharm.D., (Post Baccalaureate) courses: - Hospital Details

S. No.	Name/ Infrastructure	Minimum required Nos.	Provided	Remarks of the Inspectors
1	Hospital* with teaching facility Minimum 300 bedded Hospital	Nature of Hospital - Own - Teaching hospital recognized by MCI or University - Govt. Hospital not below the level of district Hospital - Corporate Hospital		

2	Place for Pharmacy Practice Department ⁺	Minimum carpet area of 3 sq.mts. per student along with consent to provide the professional manpower to		
3	Available specialties ⁺⁺	Medicine (Compulsory) (Any three of the following) <ul style="list-style-type: none"> • Surgery • Pediatrics • Gynecology and Obstetrics • Psychiatry • Skin and VD • Orthopedics 	I	
4	Location of the Hospital Give details.	Within the same limits of Corporation or Municipality or Campus with Medical Faculty involvement as adjunct faculty		

* Approval letter of the Hospital Authority to be annexed along with MOU.

+ Inspectors are required to personally verify the space provided at the hospital and meet the hospital administrators for interaction.

++ to be certified by the Dean/Director/Medical Supdt. of the hospital.

Other Ancillary staff available

- Epidemiologist
- Statistician
- Physiotherapies

Available Clinical Material:

- Average daily OPD.
- Average daily IPD.
- Average daily bed occupancy rate:
- Average daily operations: Major- Minor-
- Year-wise available clinical materials (during previous three years).

Intensive Care facilities

I. ICU

- No. of beds
- Equipment
- Average bed occupancy

II. ICCU

- No. of beds
- Equipment
- Average bed occupancy

III. NICU

- No. of Beds
- Equipment
- Average bed occupancy

IV. PICU

- No. of beds
- Equipment
- Average bed occupancy

V. Dialysis

- No. of beds
- Equipment
- Average bed occupancy

Specialty clinics and services being provided by the department

Details for Pharm. D., student and faculty

A. Accommodation

Faculty	Area in Sq. mtr.
Pharmacy Practice Area	
Dispensary	
Drug Information Centre	
Computer/Internet facility	

B. Library - Departmental Library standard text and references
Indexing and Abstracting services for DI services should be included as separate annexure .

C. Pharmacy Practice staff details at the hospital -

Name	Qualification	Signature of Faculty

1. Laboratory requirement at the end of 4 Years

Sl. No.	Infrastructure for	Requirement as per Norms	Available No. & Area in Sq mts	Remarks/ Deficiency
1	Laboratory Area for B.Pharm Course	75 Sq .mts x n (n=10) –Including Preparation room (Essential)		
2	Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy Pharmaceutical Biotechnology (Including Aseptic Room) Total no. Laboratories for B.Pharm course Pharmacy Practice Labs [#]	03 Laboratories 02 Laboratories 01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 10* Laboratories 01 Laboratories		
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)		
4	Area of the Machine Room	80-100 Sq.mts		
5	Central Instrumentation Room	80 Sq.mts with A/C		
6	Store Room – I	1 (Area 100 Sq mts)		
7	Store Room - II (For Inflammable chemicals)	1 (Area 20 Sq mts)		

*Number of laboratories required for entire course of 4 years.

[#]Note: Two laboratories are required for Pharmacy Practice department in addition to the number of laboratories for conducting B.Pharm program

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 CCSEA			