#### 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	SBS COLLEGE OF PHARMACY,
Name of the Institution:	Barnala- Raikot Highway,
Complete Postal address:	Mehal Kalan (Barnala) Pin Code 148104
STD code	01679
Telephone No.	255692
Fax No.	01679 - 255692
	sbsmehalk@gmail.com,
E-mail	principalsbscop@gmail.com
Year of starting of the course	2016
Status of the course conducting body: Government /	Private (Registred society)
University / Autonomous / Aided / Private (Enclose	(Annexure – I)
copy of Registration documents of Society/Trust)	
A – I. 2	
Name, address of the Society/Trust/ Management (attach documentary evidence)	Shaheed Bhagat Singh Educational and Welfare Society (Regd.), Mehal Kalan, (Barnala)
STD Code: Telephone No:	01679 - 255692
Fax No:	01679 - 255692
E-mail:	principalsbscop@gmail.com
Web Site:	sbsmehalk@gmail.com,
A – I. 3	
Name, Designation and Address of person to be contacted by phone	Sushil Kumar Bansal (Gen. Sec.)
STD Code	01679
Telephone No Office	255692
Residence	236282
Mobile No.	97799-00008
Fax No E-Mail.	sushil.malwa@yahoo.com
A – I. 4	
Name and Address of the Head of the Institution	Ankush Garg, VPO Mehal Kalan, Dist. Barnala

# FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL a. Details of Affiliation Fee Paid

Name of the Course	Affiliation Fee paid up	Receipt No	Dated
D. Pharm	, 2017 -18	29288	22/07/2016

#### **b. APPROVAL STATUS:**

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVERNMENT	Remarks of the Inspectors
D. Pharm		Approval Letter			
			17-1116/2016-		
			PCI, 53161-		
			63,Dated		
	2016 - 17	No and Date	15.12.2016		
		Approved Intake	60	60	
		Actually	60	60	
		Admitted			

#### c. STATUS OF APPLICATION

Course	Extension of Approval		Increase in Intake of Seats		Rem	arks
					Current Intake	Proposed increase in Intake
D. Pharm	Yes	No	Yes	No	60	NIL

Note:	Enclose	relevant	documents
A -I.	6		

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same

Building/ campus? If yes, give status

		Yes		No [	
A	_ I. 6 a				
			Status of the	Pharmacy Course	2:
	Independent Building		Yes		
	Wing of another college		No		
	Separate Campus		Yes		
	Multi Institutional Camp	us	No		

**Examining Authority:** Punjab State Board of Tech. Education & Industrial Training

With complete postal: Plot No - 1 A, Sector- 36 A, Chandigarh Address, Telephone No. and STD Code: 0172-2615385, Fax no. 0172 - 2660734

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

B –I .1 Name of the Principal					
Qualification/	Qualific	cation*	Teaching Experience Required	Actual experience	Remarks of the Inspectors
Experience	M. Pharm		05 years	06	
	PhD (Desirable)		02 years	NIL	

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

#### B-I.2

For institution seeking continuation of approval

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied / Not Complied	Intake reduced/Stopped in the last 03 years*
D. Pharm			Complied	NO

<sup>\*</sup> Enclose Documents

#### B –I .3

#### **Pay Scales:**

Staff	Scale of pay	PF	Gratuity	Pension benefit	Remarks of the Inspectors
Teaching Staff	AICTE /UGC/State Govt. Yes	No	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	2016-17	200-	200-
Sanctioned	60	•	•
No. of Admissions	60	-	-
<b>Unfilled Seats</b>	00	-	-
No. of Excess Admissions	00	-	-

#### B-I.5

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

ACADEMIC YEAR	Year 2014-15	Year 2015-16	Year 2016 -17
D. Pharm	N/A	N/A	N/A

#### B – II

Co – Curricular Activities / Sports Activities

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

#### C - FINANCIAL STATUS OF THE INSTITUTION

#### Audited financial Statement of Institute should be furnished

## C.1 Resources and funding agencies (give complete list) annexure attached

C.2 Please provide following Information

Receipts			7 [			Expenditure		Remarks
Sl. No.	Particulars	Amount		Sl. No.		Particulars	Amount	of the Inspectors
1.	Grants a. Government b. Others			CAPITAL EXPENDITURE			E	•
2.	Tuition Fee			1.	Buil	ding		
3.	Library Fee			2. Equipment				
4.	Sports Fee			3. Others				
5.	Union Fee			REVENUE EXPENDIUTRE				-
6.	Others			1	Sala	ry		
				2.		INTENANCE PENDITURE College		
			_	3.	(If a			
				4. 5. 6.	Gov	x Bodies Fee ernment Fee osit held by College		
	Total		7. Others 8. Misc. Expenditure Total					

**Note: Enclose relevant documents** 

#### 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
c. Building: Leased	Rented
i) Leased/Rented † (Record to be 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 2858 Sq. mt.
Amenities an  2. Class rooms:	nd Circulation Area

#### **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	90Sq. Mts	

<sup>(\*</sup> To accommodate 60 students)

## 3. Laboratory requirement

Sl. No.	Name of Infrastructure	Requirement as per Norms	Avai	lable	Remarks/
No.		Norms	No.	Area in Sq. mts	Deficiency
1	Laboratory Area for D.Pharm Course	50 Sq mts x n (n=05)	75 x 5	375	
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	75 75 75 75 75 75	
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)	03	30	
4	Area of the Machine Room	100 Sq mts	01	100	
5	Aseptic Room	25 Sq mts	01	25	
6	Store Room – I	1 (Area 20 Sq mts)	02	40	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)	01	20	

<sup>\*</sup> Not required if computer simulated software are available

# $^{\dagger}$ 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.	Name of	Requirement	Requirement	Av	ailable	Remarks/
No.	o. infrastructure as per Norms as per Norms in number in area		No.	Area in Sq. mts	- Deficiency	
1	Principal's Chamber	01	20 Sq mts	01	32	
2	Office – I Including Confidential Room	01	40 Sq mts	01	43	
3	Staff / Faculty Rooms for D. Pharm course	01	30 Sq mts	01	33	
4	Library with computer and reprographic facilities	01	100 Sq mts	01	151	
5	Museum	01	30 Sq mts (May be attached to the Pharmacogno sy Lab)	01	50	
6	Auditorium / Multi Purpose Hall (Desirable)	01	250 – 300 seating capacity	-		
7	Herbal Garden (Desirable)	01	Adequate Number of Medicinal Plants	01	Yes	

#### 5. Student Facilities:

Sl. No.	Name of infrastructure	Requirement in number	Requirement in area	Av	ailable	Remarks/
110.		in number	area	No ·	Area in Sq. mts	- Deficiency
1	Girl's Common Room (Essential)	01	40 Sq mts	01	75	
2	Boy's Common Room (Essential)	01	40 Sq mts	01	75	
3	Toilet Blocks for Boys	01	25 Sq mts	01	75	
4	Toilet Blocks for Girls	01	25 Sq mts	01	75	
5	Canteen (Desirable)	01	100 Sq mts	01	150	
6	Drinking Water facility Water Cooler (Essential)	01			Yes	
7	Boy's Hostel (Desirable)	01	9 Sq mts / Room Single occupancy			
8	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20 Sq mts/room (triple occupancy)			
9	Power Backup Provision (Desirable)	01			Yes	

## 6. Computer and other Facilities:

Name	Required	Available	Available		Remarks of
			No.	Area in Sq. mts	the Inspectors
Computer (latest Configuration)	1 system for				
	every 10 students	15	15	75	
Printers	1 printer for every 10 computers	03	03		
Xerox Machine	01	01	01		
Multi Media Projector	02	02	02		

## 7. Amenities (Desirable)

Name	Name Requirement as Available		able	Not	Remarks/
	per Norms in area	No.	Area in Sq. mts	Available	Deficiency
Principal quarters	80 Sq. mts				
		N/A			
Staff quarters	6 x 80 Sq. mts	N/A			
Parking Area for staff					
and students					
Bank Extension	•				
Counter		N/A			
Co operative Stores		N/A			
Guest House	80 Sq. mts	N/A			
Transport Facilities for					
students		01			
Medical Facility	_	01	10		
(First Aid)					

#### 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: Titles Sl. Item Minimum Volumes (No) Available Remarks No. (No) of the Titles Numbers Inspector Number of books 75 750 adequate coverage of a large 1 number of standard text books and 75 1000 titles in all disciplines of pharma cy Annual addition of books 75 books 2 per year 10 75 3 Periodicals 06 National Journals Hard copies / online Indian Journal of Pharmaceutical 06 06 Sciences Indian Journal of Pharmaceutical Education and Research Journal of Hospital Pharmacy Indian Journal of Pharmacology CIMS, **MIMS** Indian Journal of Experimental Biology. 4 **Library Timings** 

#### 8.B. Subject wise Classification:

Sl. No	Subject	Ava	ilable	Remarks of the	
		Titles	Numbers	Inspecto rs	
1	Pharmaceutics – I	19	134		
2	Pharmaceutical Chemistry – I	14	93		
3	Pharmacognosy	08	93		
4	Biochemistry and Clinical Pathology	08	108		
5	Human Anatomy and Physiology	07	116		
6	Health Education and Community Pharmacy	08	74		
7	Pharmaceutics – II	05	52		
8	Pharmaceutical Chemistry – II	06	78		
9	Pharmacology and Toxicology	07	86		
10	Pharmaceutical Jurisprudence	07	74		
11	Drug Store and Business Management	05	53		
12	Hospital and Clinical Pharmacy	10	66		

#### 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

#### PART III ACADEMIC REQUIREMENTS

**Course Curriculum:** 

1	Ctudont	Staff Ratio	
Ι.	Student	Statt Katio	:

Theory

60:1

Practicals 20:1

(Required ratio --- Theory  $\rightarrow$  60:1 and Practicals  $\rightarrow$  20:1)

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

2. Date of Commencement of session:

Commencement	Completion
05/08/2016	30/04/2017

No of Days

No of Days

3. Vacation:

Summer:

Winter:

12

4. Total Number of working days:

195

5. Time Table:

Time Table for I and II D. Pharm Enclosed

Yes

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

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

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

Y	Yes	$\sqrt{}$	No	
8. Whether Evaluation of the internal assessments is Fair Y	'es	<b>√</b>	No	,

	No. of Candidates		No. of Candidates		No. of Car	ndidates	No. of		Remarks of
	scored more than		scored between		scored between		Candidates		the
Class	Class 80%		60 - 80%		50 - 60	)%	Less than 50%		Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I D. Pharm			26	31	31	26	02	02	
II D. Pharm		-				-			

# 9. Workload of Faculty members for D. Pharm

S.NO	Name of Faculty	Subject Taught			D.Pharm	1	Total work load	Remarks by
			1 D.	1 D.Pharm		arm		Inspector
			Th	Pr	Th	Pr		
1.	Mr. AnkushGarg	Health Education and Community Pharmacy	2				02- Hour	
2.	Mr. Amarjeet Kumar	Pharmacognosy	3	9			12- Hour	
3.	Mr. Deepak Kumar	Pharmaceutics	3	9			12- Hour	
4.	Mrs. TanuPriya	Human Anatomy and Physiology	3	6			09- Hour	
5.	Mr.Gurpreet Singh	Biochemistry and Clinical Pathology	3	9			12- Hour	
6.	Mr. VishavGarg	Pharmachemistry-1	3	9			12- Hour	

#### TEACHING STAFF.

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

			PROFORMA	REGARDIN	IG STAFF <i>(u</i>	se sepa	ırate sh	eet if required	)	
Sr. No	Name	Designatio n	Qualification	Date of Joining	Nature of Appointme nt Permt./ adhoc Contractual		ching rience After PG	State pharmacy council Reg. No	Signature of Faculty	Remarks of inspector
1	Mr. AnkushGarg	Principal	M.Pharm	01-08- 2016	Regular	-	6 Year	29054 (Rajasthan Pharmacy Council)		
2	Mr. Amarjeet Kumar	Assistant Professor	M.Pharm	01-09- 2016	Regular	3.5 year	6 mont h	Applied (Punjab Pharmacy Council)		
3	Mr. Deepak Kumar	Assistant Professor	M.Pharm	01-09- 2016	Regular	-	1.2 Year	41945 (Punjab Pharmacy Council)		
4	Mrs. TanuPriya	Assistant Professor	M.Pharm	01-10- 2016	Regular		2.2 Year	31795 (Punjab Pharmacy Council)		
5	Mr. Gurpreet Singh	Assistant Professor	B. Pharm	15-04- 2015	Regular	2 Year	-	31210 (Punjab Pharmacy Council)		
6	Mr. VishavGarg	Assistant Professor	B. Pharm	Consent			-	30664 (Punjab Pharmacy Council)		
	Gurjant Singh	Assistant Professor	M.Pharm	Consent						
	Puneet Garg	Assistant Professor	M.Pharm	Consent						

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

Qualification							
B. Pharm M. Pharm PhD Others - Full Tir							
02	05	NIL	NIL				

#### 3. Details of Faculty Retention for:

Name of Faculty Member	Period	Percentage
NIL	Duration of 15 yrs. And above	NIL
NIL	Duration of 10 yrs. And above	NIL
NIL	Duration of 5 yrs. And above	NIL
07	Less than 5 yrs.	100%

## 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				

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

Sl.	Designation	Required	Required	Av	ailable	Remarks of the
No.		Number	Qualification	Number	Qualification	Inspection team
1	Laboratory Technician	02	D. Pharm	02	D.Pharm	
2	Laboratory Assistants/	04	SSLC	02	12 <sup>th</sup>	
	Attenders					
3	Office Superintendent	01	Degree	01	B.ed, M.A	
4	Accountant cum	01	Degree	01	M.Sc.(IT)	
	Clark					
5	Store keeper	01	D. Pharm	01	D.Pharm	·
6	Computer Data	01	10+2 with	01	M.Sc.(IT)	
	Operator		computer			
			training			
7	Peon	02	SSLC	01	10 <sup>th</sup>	
8	Cleaning personnel	04		01		
9.	Gardener	01		01		

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

	Name	Qualification	Designation	Basic	DA	HRA	CCA	Other	Dedu	Bank A/c	PAN No	EPF	Total	Signature
				Pay Rs.	Rs.	Rs	Rs.	allowan	ction			a/c No		
								ce Rs						
1.	Mr.	M.Pharm	Principal								BGPPG1			
	AnkushGarg			21600							713E		21600	
2.	Mr. Amarjeet	M.Pharm	Assistant							3615473355	AMDPY			
	Kumar		Professor	15600						9	6864D		15600	
3.	Mr. Deepak	M.Pharm	Assistant											
	Kumar		Professor	15600									15600	
4.	Mrs.	M.Pharm	Assistant								CVYPP0			
	TanuPriya		Professor	15600						6503108913 9	404L		15600	
5.	Mr. Gurpreet	B. Pharm	Assistant								DJBPS7			
	Singh		Professor	15600							149D		15600	
6.	Mr.	B. Pharm	Assistant	Consent										
	VishavGarg		Professor	received										
7.	Gurjant Singh	M.Pharm	Assistant	Consent										
			Professor	received										
8.	Puneet Garg	M.Pharm	Assistant Professor	Consent										

8. Whether facilities for Research / Higher studies are provided to the faculty? (Inspectors to verify documents pertaining to the above)

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

Yes

N/A

(Inspectors to verify documents pertaining to the above)

10. Scope for the promotion for faculty: Promotions	Yes √	No
11. Gratuity Provided	Yes	No V

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

SI No	Name	Designation	Qualification	Date of Joining	Experience	Signature	Remarks of the Inspectors
		Laboratory		01/08/			
	Mr. Om Prakash Kumar	Technician	D.Pharm	2016			
		Laboratory					
		Technician Cum		01/08/			
	Mr. Manmohan Bansal	Store keeper	D.Pharm	2016			
		Office		01/03/			
	Harmandar Singh	Superintendent	M.A, B.ed,	2017	4Years		
		Computer Data		01/08/			
	Harpreet Singh	Operator	B.Sc (IT)	2016			
		Accountant Cum	B.Com ,M.Sc	01/08/			
	Lovepreet Kaur	Clerk	(IT)	2016			
				01/08/			
	Maninder Kaur	Librarian	B.A, B.Lib.	2016			
			a	01/08/			
	Lovepreet Kaur	Lab. Asst.	12 <sup>th</sup>	2016			
			41	01/08/			
	Amandeep Kaur	Lab. Asst.	12 <sup>th</sup>	2016			
			a	01/08/			
	Lovepreet Kaur	Peon	8 <sup>th</sup> Pass	2016			
		Cleaning		01/08/			
	Ramandeep Kaur	Personnel		2016			
		Cleaning		01/08/			
	Avtar Singh	Personnel		2016			
				01/08/			
	Parmjeet Singh	Gardener		2016			

13. Whether Supporting Staff (Technical and Administrative) are encouraged for Skill Upgrade action Programs	Yes
Signature of the Head of the Institution  Signature of the Inspectors	
15	

## **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		No	

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

Sl	Expenditure in Rs.		Ex	Expenditure in Rs.		Exp	oenditure in R	S	Remarks of	
No.								the		
										Inspectors*
	Total	Recurring	Non	Total	Recurring	Non	Total	Recurring	Non	
	budget		Recurring	Budget	_	Returning	Budget		Returning	
	sanctioned			Sanctioned			Sanctioned			

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

Sl	F	Expenditure in Rs.			Expenditure in Rs.			enditure in Rs	}	Remarks of
No.	2017 - 18							the		
									Inspectors*	
	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
	Chemicals	25000	20000	Chemicals			Chemicals			
	Glassware	25000	10000	Glassware			Glassware			

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

(Enclose purchase invoice)

Sl No.	Expenditure in Rs. 2016 -17		Expenditure in Rs.		Expenditure in Rs			Remarks of the Inspectors*		
	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
	Equipment	500000	500000	Equipment			Equipment			

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

SI No.	Expenditure in Rs. 2017 -18		Expenditure in Rs. 2016 - 17		Expenditure in Rs			Remarks of the		
	2017 -10		2010 17					Inspectors*		
	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	Total	Sanctioned	Incurred	
	budget			budget			budget			
	allocated			allocated			allocated			
1	Books	10000	10000	Books	100000	100000				
2	Journals	6000	6000	Journals	5300	5300				

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

# 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	Available	Yes	
26	Millipore filter (3 grades)	Adequate	Available	Yes	

**Signature of the Head of the Institution** 

**Signature of the Inspectors** 

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

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	Available Nos.	Working	Remarks of the
		required Nos.		Yes / No	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	Available	Yes	_

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

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

Signature of the Head of the Institution

**Signature of the Inspectors** 

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

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

#### PHARMCOGNOSY LABORATORY

**Equipment:** 

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

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

## PHARMACY PRACTICE LABORATORY

## **Equipment:**

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

Signature of the Head of the Institution

**Signature of the Inspectors** 

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

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

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

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

#### **Observation of the Inspectors:**

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

# **PHARMACY COUNCIL OF INDIA**

# **STAFF DECLARATION FORM**

From								
Teacher's Name								
Recent Passport Signed by Dean/	size photo of the En Principal of the Col	mployee llege.		Photograph				
Date of Birth &	Age							
Qualification	College & University	Year	Registration No. with State Pharmacy Council	Name of the State Pharmacy Council				
B.Pharm								
M.Pharm			-					
(Ph.D.)/others			_					
Copies of Regis	tration Certificate	and Unive	rsity degree/PG/Ph.D.	be attached.				
Present Designat	ion :							
Department :	Department :							
College :	College:							
City :								
Nature of appoin	tment : Permanent/	Temporary/	Adhoc/Honorary/Part-ti	me				
Whether belongs	to: O.G./SC/ST/O	BC/Ex-serv	rice/Others					

	proof of re	esidence.			
Phone & Fax N with Code	Number				Phone No.
E-mail address	:: <u> </u>				
		stitution :		_	(Designation)
Position	Name	of Institution	From	То	Total Experience
Lecturer					in years
Reader/ Assistant Professor					
Professor					
Principal					
	ioining pro	sent institution	I was working	at	

3) I have drawn total emoluments from this college as under :-

	Amount Received	TDS	
April, 2016			
May, 2016			
June, 2016			
July, 2016			
August, 2016			
September, 2016			
October, 2016			
November, 2016			
December, 2016			
January, 2017			
February, 2017			
March, 2017			

00000	51, 2010		
Noven	nber, 2016		
Decem	ber, 2016		
Januar	y, 2017		
Februa	ry, 2017		
March	, 2017		
(Copy	of my form 16 (TDS ce	rtificate) for financial year 2016-2	2017 is attached)
P.A.N.	:	Circle :	
		<b>Declaration</b>	
1.	I have not worked at inspection for the acade		stitution or presented myself at any
2.	are absolutely true an subsequently turning of that such miss declarat a gross misconduct the	d correct. In the event of any ut to be incorrect or false the und ion in respect to any content of the	declaration made by the undersigned statement made in this declaration ersigned has understood and accepted his declaration shall also be treated as iable for necessary disciplinary action ered Pharmacists).
		Signature o	of the Employee:
	Date:	Place:	
		<b>Endorsement</b>	
	the correctness and	veracity of each content of	this declaration and endorses the

This endorsement is the certification that the undersigned has satisfied himself/herself about the correctness and veracity of each content of this declaration and endorses the abovementioned declaration as true and correct. In the event of this declaration turning out to be either incorrect or any part of this declaration subsequently turning out to be incorrect or false it is understood and accepted that the undersigned shall also be equally responsible besides the declarant himself/herself for any such misdeclaration or misstatement.

Countersigned by the Director/Dean/ Principal in respect of Teaching Staff

Date: Place:

# S B S COLLEGE OF PHARMACY, MEHALKALAN -148104 COURSE: D.PHARMACY TIMETABLE SESSION -2016-17

Day & time	09:00-10:00	10:00-11:00	11:00-12:00	12:00- 12:30	12:30-3:30
Monday	HAP (T.P.)	Bio-chemistry& CP (G.S.)	HECP(A.G.)	L	Pharmaceutics-I (Batch-A) (D.K.) Pharmachemistry-I (Batch-B) (V.G.) Pharmacognosy (Batch-c) (A.K.)
Tuesday	HAP(T.P)	Bio-chemistry&CP (G.S.)	HECP(A.G.)	U	Pharmaceutics-I (Batch-B) (D.K.) Pharmachemistr-y-I (Batch-C) (V.G.) Pharmacognosy (Batch—A) (A.K.)
Wednesday	HAP(T.P)	Bio-chemistry&CP (G.S.)	Library	N	Pharmaceutics-I (Batch-C) (D.K.) Pharmachemistyr-I (Batch-A) (V.G.) Pharmacognosy (Batch-B) (A.K.)
Thursday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)	С	HAP-A(T.P.) Bio chemistry-B (G.S.)
Friday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)	Н	HAP-B(T.P.) Biochemistry-C(G.S.)
Saturday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)		HAP-C(T.P.) Biochemistry-A(G.S.)

A.G.- Ankush Garg A.K..- Amarjeet Kumar D.K.- Deepak Kumar G.S.- Gurpreet Singh, T.P.-Tanu Priya, V.G.-Vishav Garg

Time-Table In charge: - Amarjeet Kumar (Assistant Professor)

## S B S COLLEGE OF PHARMACY, MEHALKALAN -148104 COURSE: D.PHARMACY IInd TIMETABLE (Proposal) SESSION -2017-18

Day & time	09:00-10:00	10:00-11:00	11:00-12:00	12:00- 12:30	12:30-3:30
Monday	Pharmaceutics- II (D.K.)	Pharmachemistry-II (V.G.)	DSBM (A.K)	L L	Pharmacology(Batch-A) (T.P.) Hospital & Clinical Pharmacy(Batch-B)(G.S)
Tuesday	Pharmaceutics- II (D.K.)	Pharmachemistry-II (V.G.)	DSBM (A.K)	U	Pharmacology(Batch-B) (T.P.) Hospital & Clinical Pharmacy(Batch-C) (G.S)
Wednesday	Pharmaceutics- II (D.K.)	Pharmachemistry-II (V.G.)	Pharma – Jurisprudence (D.K.)	N	Pharmacology(Batch-C) (T.P.) Hospital & Clinical Pharmacy(Batch-A) (G.S)
Thursday	Pharmacology (T.P.)	Hospital & Clinical Phamacy, (A.K)	Pharma – Jurisprudence (D.K.)	С	Pharma-Chemistry- II(Batch-A) (A.G.)  Pharmaceutics-II(Batch-B) (V.G)
Friday	Pharmacology (T.P.)	Hospital & Clinical Phamacy, (A.K)	Library	Н	Pharma-Chemistry- II(Batch-B) (A.G.) Pharmaceutics-II(Batch-C) (V.G)
Saturday	Pharmacology (T.P.)	Hospital & Clinical Phamacy, (A.K)	Library		Pharma-Chemistry- II(Batch-C) (A.G.) Pharmaceutics-II(Batch-A) (V.G)

A.G.- Ankush Garg A.K..- Amarjeet Kumar D.K.- Deepak Kumar G.S.- Gurpreet Singh, T.P.-Tanu Priya, V.G.-Vishav Garg

Time-Table In charge: - Amarjeet Kumar (Assistant Professor)

# S B S COLLEGE OF PHARMACY, MEHALKALAN -148104

# **COURSE: D.PHARMACY**

# WORKLOAD (PROPOSAL) SESSION -2017-18

S.No.	Name & Designation	Teaching Subject in Diploma in pharmacy					
		D.Pharmacy 1s	t Years	D.Pharmacy 2r	nd Years	Hours	
		Theory	Practical	Theory	Practical		
1	Mr. Ankush Garg (Principal )	HECP (2 – Hour)			Pharmachemistry – II (3 x 3 = 9)	11-Hour	
2	Mr. Amarjeet Kumar (Asst. Prof.)	Pharmacognosy (1 x 3 = 3)	Pharmacognosy (3 x 3 = 9)	Hospital & Clinical Pharmacy (1 x 3 = 3) and DSBM (1 x 2 = 2)		17 - Hour	
3	Mr. Deepak Kumar (Asst. Prof.)	Pharmaceutics- I (1 x 3 = 3)	Pharmaceutics- I (1 x 3 = 3)	Pharma - Jurisprudence (1 x 2 =2)		14 - Hour	
4	Mrs. Tanu Priya (Asst. Prof.)	Human Anatomy & Physiology (1 x 3 = 3)	Human Anatomy & Physiology (2 x 3 = 6)	Pharmacology (1 x 3 = 3)	Pharmacology (3 x 3 = 9)	21 – Hour	
5	Mr. Gurpreet Singh (Asst. Prof.)	Bio-chemistry&CP (1 x 3 = 3)	Bio-chemistry&CP		Hospital & Clinical Pharmacy ( 3 x2 =6 )	18 - Hour	
6	Mr. Vishav Garg (Lecturer)	Pharmachemistry-I (1 x 3 = 3)	Pharmachemistry-I (3 x 3 =9)		Pharmaceutics – II (3 x 3 = 9)	21 - Hour	

# S B S COLLEGE OF PHARMACY, MEHALKALAN -148104

# COURSE: D.PHARMACY 1<sup>st</sup> YEARS

# TIMETABLE (PROPOSAL)SESSION -2016-17

Day & time	09:00-10:00	10:00-11:00	11:00-12:00	12:00- 12:30	12:30-3:30
Monday	HAP (T.P.)	Bio-chemistry& CP (G.S.)	HECP(A.G.)	L	Pharmaceutics-I (Batch-A) (D.K.) Pharmachemistry-I (Batch-B) (V.G.) Pharmacognosy (Batch-c) (A.K.)
Tuesday	HAP(T.P)	Bio-chemistry&CP (G.S.)	HECP(A.G.)	U	Pharmaceutics-I (Batch-B) (D.K.) Pharmachemistr-y-I (Batch-C) (V.G.) Pharmacognosy (Batch—A) (A.K.)
Wednesday	HAP(T.P)	Bio-chemistry&CP (G.S.)	Library	N	Pharmaceutics-I (Batch-C) (D.K.) Pharmachemistyr-I (Batch-A) (V.G.) Pharmacognosy (Batch-B) (A.K.)
Thursday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)	С	HAP-A(T.P.) Bio chemistry-B (G.S.)
Friday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)	Н	HAP-B(T.P.) Biochemistry-C(G.S.)
Saturday	Pharmaceutics-I(D.K.)	Pharmachemistry-I(V.G.)	Pharmacognosy(A.K.)		HAP-C(T.P.) Biochemistry-A(G.S.)

A.G.- Ankush Garg A.K..- Amarjeet Kumar D.K.- Deepak Kumar G.S.- Gurpreet Singh, T.P.-Tanu Priya, V.G.-Vishav Garg

Time-Table In charge: - Amarjeet Kumar (Assistant Professor)

# S B S COLLEGE OF PHARMACY, MEHALKALAN -148104 Workload of faculty members for D.Pharm

S.NO	Name of Faculty	Subject Taught	D.Pharm			m	Total work	Remarks by
			1 D.F	harm	II D.Pharm		load	Inspector
			Th	Pr	Th	Pr		
1.	Mr. AnkushGarg	Health Education and Community Pharmacy	2				02- Hour	
2.	Mr. Amarjeet Kumar	Pharmacognosy	3	9			12- Hour	
3.	Mr. Deepak Kumar	Pharmaceutics	3	9			12- Hour	
4.	Mrs. TanuPriya	Human Anatomy and Physiology	3	6			09- Hour	
5.	Mr. Gurpreet Singh	Biochemistry and Clinical Pathology	3	9			12- Hour	
6.	Mr. VishavGarg	Pharmachemistry-1	3	9			12- Hour	

# **SBS COLLEGE OF PHARMACY**

# Mehal Kalan, Barnala (Pb.)

# **LIST OF LIBRARY BOOKS**

Name of the book	Author	Quantity
Forensic Pharmacy 1 <sup>st</sup> year		
Forensic Pharmacy	Dr. Sachin M. Wani	10
A Text Book of Forensic Pharmacy	B.M. Mittal	10
A Text Book of Forensic Pharmacy	N.K. Jain	5
Forensic Pharmacy	Dr. B.S. Kuchekar	2
Forensic Pharmacy	R.M. Mehta	10
Pharmaceutics 1 <sup>st</sup> year		
A Text Book of Pharmaceutical Formulation	B.M. Mithal	7
Concise Inorganic Pharmaceutical I	Dr. K.R Mahadik	13
Bio Pharmaceutics & Pharmacokins	J.S Kulkarni	1
Pharmacy Examination Review	Robort. J	1
Pharmaceutics I	S.A Hasan	10
Intro. to Pharmaceutics I	Ashok K. Gupta	12
Pharmaceutics I	S.P Aggarwal	10
Practical Pharmaceutics - I	Dr. P.V. Kasture	17
	Forensic Pharmacy 1st year  Forensic Pharmacy  A Text Book of Forensic Pharmacy  A Text Book of Forensic Pharmacy  Forensic Pharmacy  Forensic Pharmacy  Pharmaceutics 1st year  A Text Book of Pharmaceutical Formulation  Concise Inorganic Pharmaceutical I  Bio Pharmaceutics & Pharmacokins  Pharmacy Examination Review  Pharmaceutics I  Intro. to Pharmaceutics I	Forensic Pharmacy 1st year  Forensic Pharmacy Dr. Sachin M. Wani  A Text Book of Forensic Pharmacy B.M. Mittal  A Text Book of Forensic Pharmacy N.K. Jain  Forensic Pharmacy Dr. B.S. Kuchekar  Forensic Pharmacy R.M. Mehta  Pharmaceutics 1st year  A Text Book of Pharmaceutical Formulation B.M. Mithal  Concise Inorganic Pharmaceutical I Dr. K.R Mahadik  Bio Pharmaceutics & Pharmacokins J.S Kulkarni  Pharmacy Examination Review Robort. J  Pharmaceutics I S.A Hasan  Intro. to Pharmaceutics I Ashok K. Gupta  Pharmaceutics I S.P Aggarwal

	Introduction to Pharmaceutics - I	A.K Gupta	1
	Pharmaceutics - I	Dr. Nirmal Sharma	10
	Pharmaceutics - I	R.M Mehta	11
	Dosage form Design	Dr. Javed Ali	15
	Pharmaceutical dispensing	Pritibha Nand	1
	Pharmaceutical dispensing	Amit k. Goel	1
	Pharmaceutical Arithmetic	N.K Jain	1
	Drugs & Cosmetics Formulation	Rajan Magazine	1
	Pharmacy Administration	Gvrk Acharuki	1
	Pharmacy Administration	N.K. Jain	1
3	Bio Chemistry 1 <sup>st</sup> year		
	Biochemistry and Clinical Pathology	K.K Pillai	10
	Biochemistry and Clinical Pathology	N. Murugesh	17
	Biochemistry and Clinical Pathology	Dr. Nitin Mahurkar	12
	Biochemistry and Clinical Pathology	PC.Dandiya	5
	Biochemistry and Clinical Pathology	Sanjeev Kumar Sharma	15
	Biochemistry and Clinical Pathology	MR. Chaudhari	15
	Practical Biochemistry and Clinical Pathology	SR.Kali	14
3	Pharmacogonosy 1 <sup>st</sup> year		
	Text Book of Pharmacognosy	S.S. Handa	6
	Text Book of Pharmacognosy	Dr. S.H. Ansari	10
	Practical Pharmacognosy	Dr. Vrunda Sethi	8
	Practical Pharmacognosy	C.K. Kokate	9
	A Text Book of Pharmacognosy	S.B.Gokhale	10
	A Text Book of Pharmacognosy	KR. Aromugam	15
	Pharmacognosy and Phytochemistry	Dr. S.J.Surana	15

4	APHE 1 <sup>st</sup> year		
	Human Anatomy and Physiology	S.B. Bhise	15
	Elementary Human Anatomy and Physiology	Dr. V. Reghunandan	10
	Human Anatomy and Physiology	Dr. Anees Ahmed Siddiqui	15
	Basic Anatomy and Physiology	N. Murugesh	15
	Practical Human Anatomy and Physiology	S.R. Kale	15
	Anatomy Physiology and Health Education	N. Murugesh	14
	Human Anatomy And Physiology	K.Sampath	12
5	Pharmaceutical Chemistry 1 <sup>st</sup> year		
	Text book of pharmaceutical organic CHR	Mohammed Ali	8
	Organic pharmaceutical chemistry	Harkishan Singh	6
	Text Book Inorganic Pharmaceutical I	Mohammed Ali	10
	Pharmaceutical Organic Chemistry	Rama Rao Nadendle	1
	Text Book of Pharmaceutical Organic CHR	Dr. Anil Bhandri	1
	Concise Inorganic Pharma CHR	Dr. KR. Mahadik	1
	Inorganic Pharmaceutical Chemistry	Dr. KG. Bothara	1
	Pharmaceutical Chemistry - I	Anil Bhandri	1
	Practical Pharmaceutical CHR -I	Dr. A.V.Kasture	25
	Guideline Series Pharmaceutical CHR- I	Dr. Bahar Ahmed	10
	Pharmaceutical Chemistry –I	N.K Chaudhary	6
	Inorganic Pharmaceutical chemistry	Dr. Anees Ahmed Siddiqui	2
	Pharmaceutical Organic Chemistry	Rama Rao Nadendle	1
6	Pharmaceutics 2 <sup>nd</sup> year		
	Introduction Pharmaceutics II	A.K Gupta	8
	Practical Pharmaceutics - II	Dr. P.V. Kasture	17
	Introduction to Pharmaceutics - II	A.K Gupta	1

	Pharmaceutics II	Dr.P.V Kasture	10
	Pharmaceutics - II	R.M Mehta	16
7	Hospital and Clinical Pharmacy 2 <sup>nd</sup> year		
	Hospital and Clinical Pharmacy	Dr. A.V Yadav	10
	Health Education & Community Pharmacy	P.C. Dandiya	10
	Hospital and Clinical Pharmacy	Anees A. Siddiqui	6
	Hospital and Clinical Pharmacy	Dr. A.V. Yadav	6
	Hospital and Clinical Pharmacy	Dr. Roop K. Khar	1
	Hospital and Clinical Pharmacy	P.C Dandiya	10
	Hospital and Clinical Pharmacy	Anees A. Siddiqui	6
	Hospital and Clinical Pharmacy	Dr. A.V. Yadav	6
	Hospital And Clinical Pharmacy	Rafat Siddiqui	10
	Hospital and Clinical Pharmacy	Mohammed Ali	1
	Hospital and Clinical Pharmacy	Dr. AR. Paradkar	10
8	DSBM 2 <sup>nd</sup> year		
	Drug Store and Business Management	Neelam Mahajan	15
	Drugs Store and Business Management	Mohammed Ali	10
	Drugs Store and Business Management	R.M Mehta	6
	Hand Book of Drugs Store and Business Management	Ashok K.Gupta	10
	Drug Store Administration	Dr. Mahesh D.	12
9	Pharmaceutical Chemistry 2 <sup>nd</sup> year		
	Pharmaceutical Chemistry- II	Dr. A.V. Kasture	12
	Practical Pharmaceutical CHR-II	Dr. A.V Kasture	16
	Concise Organic Pharmaceutical-II	K.R. Deshmukh	10
	Practical Pharmaceutical Chemistry	Harkishan Singh	10
	Pharmaceutics Chemistry – II	Dr. Alen Chidambram	15

	Pharmaceutical Chemistry - II	Dr. Anees Ahmed	15
10	Jurisprudence 2 <sup>nd</sup> year		
	Pharmaceutical Jurisprudence	Neerja Gandhi	10
	Pharmaceutical Jurisprudence	K.Sampath	10
	Guideline Series Pharmaceutical Jurisprudence	Dr. S.P.Agarwal	14
	Pharmaceutical Jurisprudence	Neerja Gandhi	2
	Pharmaceutical Jurisprudence	Dr. B.S Kuchekar	14
	Pharmaceutical Jurisprudence	K.Sampath	10
	Guideline Series Pharmaceutical Jurisprudence	Dr. S.P.Agarwal	14
11	Pharmacology 2 <sup>nd</sup> year		
	Introduction Experimental Pharmacology	Dr. Uma Bhandari	15
	Drugs Pharmacology	Kamal Masheswari	15
	Introduction to Pharmacology	Dr. P.C Dandiya	15
	Pharmacology and Toxicology	Dr. AV. Yadav	10
	Hand Book of Experimental Pharmacology	S.K.Kulkarni	10
	Practical Pharmacology and Toxicology	Mrs. SR. Kale	5
	Pharmacology	Dr. B.Suresh	16
12	Health education and community PHR 2 <sup>nd</sup> year		
	Health Education and Community PHR	N.S. Parmer	8
	Text Book Health Education And Community PHR	Ashok K. Gupta	10
	Guideline Health Education and PHR	Neerja Suman	15
	Health Education and Community PHR	Dr. S.B. Bhise	5
	Health Education and Community PHR	Seemi Siddiqui	10
	Pharmaceutical Organic chemistry	Rama Rao Nadendla	5
	Pharmaceutical Inorganic chemistry	Dr. A.V. Kasture	9
	Health Education And Community Pharmacy	N. Murugesh	12

13	Practical Manual Of Pharmaceutics - I	Dr. G.D. Gupta , Dr.	
		Shailesh Sharma &	20
		Neelam Sharma	
14	Practical Manual Of Pharmaceutical Chemistry - I	Dr. G.D. Gupta , Dr.	
	,	Shailesh Sharma & Baljeet	20
		Singh	
15	Practical Manual Of Pharmacognosy	Dr. G.D. Gupta , Dr.	
		Shailesh Sharma & Navjit	20
		Kaur	
16	Practical Manual Of Biochemistry & CP	Dr. G.D. Gupta & Dr.	20
		Shailesh Sharma	20
17	Practical Manual Of Human Anatomy and	Dr. G.D. Gupta , Dr.	
	Physiology	Shailesh Sharma &	20
		Harsimran Singh	