



INDEX

Criteria No: 1

Metric No: 1.1.2

File Name: The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (2022-23)

Sr. No.	Content	Page No.
1	SPP University, Pune Academic Calendar	2 - 4
2	Institution Academic Calendar	5 - 9
3	Guidelines for B. Pharm	10 - 27
4	Guidelines for M. Pharm	28 - 47
5	Notice of Continuous Internal Evaluation (CIE)	48 - 49
6	Continuous Assessment Record	50 - 67
7	Notice of Sessional Exam	68 - 69
8	Time Table of Sessional Exam	70 - 76
9	Evaluation Sheet of Continuous Assessment	77 - 85
10	Attendance Record	86 - 87

SPPU
Academic
Calendar
2022-23

Savitribai Phule Pune University
(formerly University of Pune)



Circular No. 173 of 2022

Important Notification

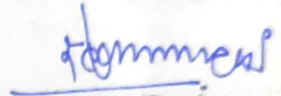
**Dates of Commencement and Conclusion of terms for the Academic Year 2022-23
for Affiliated Colleges / Recognised Institutes.**

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2022-23 shall be as under :

Sr No	Name of the Courses , Faculties & Year	2022 - 2023			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology				
	Science	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	B.Engineering : II	17/08/2022	10/12/2022	02/01/2023	29/04/2023
	B.Engineering : III IV	18/07/2022	05/11/2022	02/01/2023	29/04/2023
	M.Engineering : II	18/07/2022	12/11/2022	09/01/2023	06/05/2023
	B.Architecture : II	08/08/2022	04/12/2022	19/12/2022	04/05/2023
	B.Architecture : III IV V	20/06/2022	08/11/2022	19/12/2022	04/05/2023
	M.Architecture:II Architecture II	19/09/2022	07/01/2023	23/01/2023	20/05/2023
	B. Pharmacy: II III	01/08/2022	10/12/2022	02/01/2023	10/05/2023
	B. Pharmacy: IV	15/07/2022	03/12/2022	02/01/2023	10/05/2023
M. Pharmacy : II	01/08/2022	10/12/2022	26/12/2022	30/06/2023	
2	Commerce & Management				
	Commerce	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	MBA II (Includes SIP project of 8 week)	01/09/2022	30/01/2023	15/02/2023	26/05/2023
	MCA II	01/09/2022	16/12/2022	02/01/2023	15/04/2023
BHMCT II III IV	01/09/2022	16/12/2022	02/01/2023	15/04/2023	
3	Humanities				
	Arts	20/06/2022	08/11/2022	05/12/2022	04/05/2023
	Mental Moral and Social Sciences				
	L.L.B. II	31/10/2022	31/01/2023	06/02/2023	15/05/2023
	L.L.B. III	04/07/2022	08/11/2022	05/12/2023	15/05/2023
	B. A. L.L.B. II	31/10/2022	31/01/2023	06/02/2023	20/05/2023
B. A. L.L.B. III IV V	04/07/2022	08/11/2022	05/12/2023	15/05/2023	
4	Inter-disciplinary Studies				
	Education : II	15/09/2022	06/01/2023	17/01/2023	10/05/2023
	Physical Education : II	15/09/2022	06/01/2023	17/01/2023	10/05/2023
	B. Lib. & M. Lib.	15/07/2022	25/11/2022	02/01/2023	04/05/2023
	Fine Arts & Performing Art	20/06/2022	08/11/2022	05/12/2022	04/05/2023
Journalism PG	15/07/2022	25/11/2022	02/01/2023	04/05/2023	

NOTE :

1. The dates of commencement and conclusion of the University concerned Department / Affiliated Colleges / Recognised Institutes for the Academic year of all those courses whose admission was made under Common Entrance Test (CET) conducted by Government of Maharashtra will be declared separately.
2. In case, the Principal of the Affiliated Colleges requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.


Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/230
Date: 10/06/2022

Copy to: for Information and necessary action

The Members of the Management Council.

The Deans of Faculties.

The Registrar, Savitribai Phule Pune University, Pune.

The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.

The Heads of all University concerned Departments.

The Principals of all Affiliated Colleges.

The Directors of all Recognized Institutes.

The Heads of all the Administrative Sections of the University Office.

Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University

Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

**Institution
Academic
Calendar
2022-23**



ACADEMIC CALENDAR
(July 2022 - December 2022)

Week No.	Month	Week Days						Working days	Events
		Mon	Tue	Wed	Thu	Fri	Sat		
1	July 22					1	2	1	01-Subject Choice for AY 2022-23
2		4	5	6	7	8	9	6	07-GB & CDC Meeting
3		11	12	13	14	15	16	5	12-M. Pharm. Sem IV Viva-Voce 14-Subject Allotment for AY 2022-23
4		18	19	20	21	22	23	6	23-Tree Plantation
5		25	26	27	28	29	30	6	30-Academic Staff & Research Meeting
4	Aug 22	1	2	3	4	5	6	5	01- Commencement of Sem. III, V, VII & M. Pharm Sem. III 02-Admission Meeting
5		8	9	10	11	12	13	5	09-Muharram 11-Dr. Vitthalrao Vikhe Patil Jayanti 13-Student Council Election 13-Sports & Cultural Meeting
6		15	16	17	18	19	20	5	15-Independance Day 16-Parsi New Year 19-Janmashtami
7		22	23	24	25	26	27	6	27-Mentoring Meeting Regular Lectures of Sem. III, V & VII M. Pharm III
8		29	30	31				3	29-Industrial Visit of Sem. VII 30- Academic Staff & Research Meeting 31-Ganesh Chaturthi
9					1	2	3	2	01-Soft Skill Training for Sem. V & VII
10		5	6	7	8	9	10	6	05-Teacher's Day 10-Parent's Meet
11		12	13	14	15	16	17	5	19-First Sessional Exam of Sem. III, V, VII & M. Pharm Sem. III
12	19	20	21	22	23	24	6	24-Antiragging Committee Meeting	
13	26	27	28	29	30		5	26-Industrial Visit of Sem. V 30- Academic Staff & Research Meeting	
14	Oct 22						1	0	
15		3	4	5	6	7	8	5	05-Dusshera 08- Swach Bharat Abhiyaan (NSS Activity)
16		10	11	12	13	14	15	5	10-Mid Semester Feedback (Google form) 11-Soft Skill Training for Sem. V & VII 14- Alumni Overview meeting
17		17	18	19	20	21	22	6	Regular Lectures of Sem. III, V & VII M. Pharm III
18		24	25	26	27	28	29	3	24 to 29-Diwali 29- Academic Staff & Research Meeting
19	Nov 22	31	1	2	3	4	5	5	03-Industrial Visit of Sem. III
20		7	8	9	10	11	12	6	07- Second Sessional Exam of Sem. III & M. Pharm Sem.



									III	
21	Dec 22	14	15	16	17	18	19	5	18-Mock Interview for Sem. VII	
22		21	22	23	24	25	26	6	Regular Lectures of Sem. III, V & VII M. Pharm III	
23		28	29	30				3	28- Industrial Visit of Sem. I 30- Academic Staff & Research Meeting	
24					1	2	3	2	Regular Lectures of Sem. III, V & VII M. Pharm III	
25			5	6	7	8	9	10	6	10-Synopsis Submission of M. Pharm. Sem. III 05- Practice School Presentation 05-15 Semester Practical Exam for Sem. III, V & VII
26			12	13	14	15	16	17	5	12- End Semester Feedback of Students (Google Form) 16- Mock Interview for Sem. VII
27			19	20	21	22	23	24	6	19-Research Proposal Presentation of M. Pharm Sem. III 23-M. Pharm Sem. III Semester Exam
28			26	27	28	29	30	31	6	26-Commencement of Semester I (B/M. Pharm) 30- Internal Academic Audit 31- Academic Staff & Research Meeting
END OF SEMESTER		Total Working Days						142		
Working Days with Activity		University Exams				Teaching Working Days		Holidays		
21		25				142		18		

Prepared By: Mr. Kiran B. Dhamak

Approved By: Dr. Charushila J. Bhargale



Principal
College of Pharmacy, Chincholi
Tal. Sinnar, Dist. Nashik 422102



ACADEMIC CALENDAR
(January 2023 - May 2023)

Week No.	Month	Week Days						Working days	Events
		Mon	Tue	Wed	Thu	Fri	Sat		
1	Jan 23	2	3	4	5	6	7	5	04-Sem. V & VII Semester Exam begins
2		9	10	11	12	13	14	6	11-Sem. VIII Commencement 12-Sem. VI Commencement
3		16	17	18	19	20	21	5	16-Mock Interview for Sem. VIII
4		23	24	25	26	27	28	6	23-Sem. III Semester Exam begins 23-NSS Camp for Sem. VI 26-Republic Day
5		30	31					2	31-Month End Meeting
4	Feb 23			1	2	3	4	3	4-M. Pharm. Sem III Research Proposal Presentations
5		6	7	8	9	10	11	6	6-Sem. IV Commencement
6		13	14	15	16	17	18	5	13-First Sessional Exam Sem. I, VI & VIII M. Pharm I 17-Feedback of Students
7		20	21	22	23	24	25	6	20-Sports and Cultural Days 24-Annual Social Gathering
8	27	28					2	27- Organization of Value addition courses 28-Month End Meeting	
9	Mar 23			1	2	3	4	3	01-Enterpreneurship Programme
10		6	7	8	9	10	11	5	07-Dhulivandan
11		13	14	15	16	17	18	5	13-First Sessional Exam Sem. IV 14-Industrial Visit for Sem. I
12		20	21	22	23	24	25	5	20-Second Sessional Exam Sem. I VI & VIII M. Pharm I 22-Gudipadwa
13		27	28	29	30	31		4	30-Shriram Navmi 31- Month End Meeting
14	Apr 23						1	0	
15		3	4	5	6	7	8	4	04-Mahavir Jayanti 07-Good Friday
16		10	11	12	13	14	15	4	14-Dr. Babasaheb Ambedkar Jayanti
17		17	18	19	20	21	22	5	17- Second Sessional Exam Sem. IV 22-Akshay Tritoia, Ramzan ID
18		24	25	26	27	28	29	6	28- Feedback of Students 29- Month End Meeting



19	May 23	1	2	3	4	5	6	3	01-Maharashtra Day 05-Budh Pournima
20		8	9	10	11	12	13	6	08-Semester Exam Begins Sem. IV
21		15	16	17	18	19	20	5	15-Semester Practical Exam Sem. VI & VIII
22		22	23	24	25	26	27	6	22-Project Work Seminar Sem. VIII
23		29	30	31				3	30-Internal Academic Audit 31- Month End Meeting
END OF SEMESTER		Total Working Days						110	
Working Days with Activity		University Exams				Teaching Working Days		Holidays	
114		25				110		19	

Dhamak

Prepared By: Mr. Kiran B. Dhamak

Bhangale

Approved By: Dr. Charushila J. Bhangale

Principal
College of Pharmacy, Chincholi
Tal. Sinnar, Dist. Nashik 422102



Guidelines for CIE

B. Pharm

2022-23

Table-I: Course of study for semester I

Course code	Name of the course	No.of Hours per week/Total no of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I– Theory	3/45	1	4
BP102T	Pharmaceutical Analysis I – Theory	3/45	1	4
BP103T	Pharmaceutics I – Theory	3/45	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3/45	1	4
BP105T	Communication skills – Theory *	2/30	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2/30	-	D
BP107P	Human Anatomy and Physiology – Practical	4/60	-	2
BP108P	Pharmaceutical Analysis I – Practical	4/60	-	2
BP109P	Pharmaceutics I – Practical	4/60	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4/60	-	2
BP111P	Communication skills – Practical*	2/30	-	1
BP112RBP	Remedial Biology – Practical*	2/30	-	D
Total		32/34[§]/36[#]/480/510[§]/540[#]	4	27

Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course. However for Remedial biology and Mathematics no credits to be allotted only 50 % passing i.e D grade will be prerequisite.

§ Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

* Non University Examination (NUE)

Table-II: Course of study for semester II

Course Code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3/45	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3/45	1	4
BP203T	Biochemistry – Theory	3/45	1	4
BP204T	Pathophysiology – Theory	3/45	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3/45	-	3
BP206T	Environmental sciences – Theory *	3/45	-	3
BP207P	Human Anatomy and Physiology II – Practical	4/60	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4/60	-	2
BP209P	Biochemistry – Practical	4/60	-	2
BP210P	Computer Applications in Pharmacy – Practical*	4/60	-	1
Total		32/480	4	29

* Non University Examination (NUE)

Table-III: Course of study for semester III

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3/45	1	4
BP302T	Physical Pharmaceutics I – Theory	3/45	1	4
BP303T	Pharmaceutical Microbiology – Theory	3/45	1	4
BP304T	Pharmaceutical Engineering – Theory	3/45	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4/60	-	2
BP306P	Physical Pharmaceutics I – Practical	4/60	-	2
BP307P	Pharmaceutical Microbiology – Practical	4/60	-	2
BP 308P	Pharmaceutical Engineering –Practical	4/60	-	2
Total		28/420	4	24

Table-IV: Course of study for semester IV

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III– Theory	3/45	1	4
BP402T	Medicinal Chemistry I – Theory	3/45	1	4
BP403T	Physical Pharmaceutics II – Theory	3/45	1	4
BP404T	Pharmacology I – Theory	3/45	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3/45	1	4
BP406P	Medicinal Chemistry I – Practical	4/60	-	2
BP407P	Physical Pharmaceutics II – Practical	4/60	-	2
BP408P	Pharmacology I – Practical	4/60	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4/60	-	2
Total		31/465	5	28

Table-V: Course of study for semester V

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3/45	1	4
BP502T	Industrial Pharmacy-I– Theory	3/45	1	4
BP503T	Pharmacology II – Theory	3/45	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3/45	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3/45	1	4
BP506P	Industrial Pharmacy-I - Practical	4/60	-	2
BP507P	Pharmacology II – Practical	4/60	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4/60	-	2
Total		27/405	5	26

Table-VI: Course of study for semester VI

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3/45	1	4
BP602T	Pharmacology III – Theory	3/45	1	4
BP603T	Herbal Drug Technology – Theory	3/45	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3/45	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3/45	1	4
BP606T	Quality Assurance –Theory	3/45	1	4
BP607P	Medicinal chemistry III – Practical	4/60	-	2
BP608P	Pharmacology III – Practical	4/60	-	2
BP609P	Herbal Drug Technology – Practical	4/60	-	2
Total		30/450	6	30

Table – VII: Course of study for semester VII

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3/45	1	4
BP702T	Industrial Pharmacy-II – Theory	3/45	1	4
BP703T	Pharmacy Practice – Theory	3/45	1	4
BP704T	Novel Drug Delivery System – Theory	3/45	1	4
BP705P	Instrumental Methods of Analysis – Practical	4/60	-	2
BP706PS	Practice School*	12/180	-	6
Total		28/420	5	24

* Non University Examination (NUE)

Table – VIII: Course of study for semester VIII

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3/45	1	4
BP802T	Social and Preventive Pharmacy	3/45	1	4
BP803ET	Pharma Marketing Management	3 + 3 = 6/90	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardizations of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12/180	-	6
Total		24/360	4	22

Table-IX: Semester wise credits distribution

Semester	Credit Points
I	27
II	29
III	24
IV	28
V	26
VI	30
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
Total credit points for the program	211

- * The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

10. Program Committee

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Program Committee shall be as follows:
A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.
3. Duties of the Program Committee:
 - i. Periodically reviewing the progress of the classes.
 - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
 - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
 - iv. Communicating its recommendation to the Head of the institution on academic matters.
 - v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessional exam (Internal Assessment) and before the end semester exam.

11. Examinations/Assessments

The scheme for internal assessment and end semester examinations is given in Table – X.

11.1 End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to VIII shall be conducted by the university except for the subjects with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables-X: Schemes for internal assessments and end sem exam semester wise Sem I

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continu- ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills – Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106R BT BP106R MT	Remedial Biology/ Mathematics – Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication skills – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112R BP	Remedial Biology – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75^s/80[#]	115/125^s/130[#]	23/24^s/26[#]Hrs	185/200^s/210[#]	490/525^s/540[#]	31.5/33^s/35[#]Hrs	675/725^s/750[#]

Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

^s Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination(NUE)

Semester II

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continu ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		80	125	20 Hrs	205	520	30 Hrs	725

* The subject experts at college level shall conduct examinations.

Semester III

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	Physical Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

Semester IV

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	25	75	3 Hrs	100

BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		70	115	21 Hrs	185	515	31 Hrs	700

Semester V

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Industrial Pharmacy–I– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Industrial Pharmacy–I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy II – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hr	170	480	27 Hrs	650

Semester VI

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

Semester VII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy -II– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
Total		70	70	8Hrs	140	460	21 Hrs	600

* The subject experts at college level shall conduct examinations

Semester VIII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharma. Marketing Management–Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
BP804ET	Pharmaceutical Regulatory Science – Theory							
BP805ET	Pharmacovigilance – Theory							
BP806ET	Quality Control and Standardizations of Herbals –Theory							
BP807ET	Computer Aided Drug Design –Theory							
BP808ET	Cell and Molecular Biology –Theory							
BP809ET	Cosmetic Science – Theory							
BP810ET	Experimental Pharmacology							
BP811ET	Advanced Instrumentation Techniques – Theory							
BP812ET	Dietary Suppliments and Nutraceuticals							
BP813PW	Project Work	-	-	-	-	150	4 Hrs	150
Total		40	60	4 Hrs	100	450	16 Hrs	550

11.2 Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table-XI: Scheme for awarding internal assessment: Continuous mode

Theory		
Criteria	Maximum Marks	
Attendance (Refer Table – XII)	4	2
Academic activities (Average of any 2 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	4	03
Student – Teacher interaction	2	
Total	10	5
Practical		
Attendance (Refer Table – XII)	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

Table- XII: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	0	0

11.2.1. Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and

practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables – X.

Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks. The duration for the conduct of the exam is as below

Exam Type	Marks allotted	Duration
Theory	30	1.5 Hr
Practical	40	04 Hr

Question paper pattern for theory Sessional

For subjects having University exams

I. Objective Type Questions (Answer 05 out of 7)	=5 x 2 = 10
II. Long Answers (Answer 1 out of 2)	=1 x 10 = 10
III. Short Answers (Answer 2 out of 3)	=2 x 5 = 10
Total	30 marks

For subjects having Non University Examination

I. Long Answers (Answer 1 out of 2)	=1 x 10 = 10
II. Short Answers (Answer 4 out of 6)	=4 x 5 = 20
Total	30 marks

Question paper pattern for practical sessional examinations

I. Synopsis	= 10
II. Experiments	= 25
III. Viva voce	= 05
Total	40 marks

12 . Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. program if he/she secures at least 50% marks in that particular course

including internal assessment .For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

13. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

14. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

15. Re-examination of end semester examinations

Reexamination of end semester examination shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

Table-XIII: Tentative schedule of end semester examinations

Semester	For Regular Candidates	For Failed Candidates
I, III, V and VII	November / December	May / June
II, IV, VI and VIII	May / June	November / December

Question paper pattern for end semester theory examinations

For 75 marks paper

I. Objective Type Questions (Answer 5 out of 7)	=5x 3= 15
II. Long Answers (Answer 2 out of 4)	= 2 x 10 = 20
III. Short Answers (Answer 8 out of 10)	= 8 x 5 = 40
Total	= 75marks

For 50 marks paper

I. Long Answers (Answer 2 out of 3)	= 2 x 10 = 20
II. Short Answers (Answer 6 out of 8)	= 6 x 5 = 30
Total	= 50 marks

For 35 marks paper

I. Long Answers (Answer 1 out of 2)	= 1 x 10 = 10
II. Short Answers (Answer 5 out of 7)	= 5 x 5 = 25
Total	= 25marks

Question paper pattern for end semester practical examinations

I. Synopsis	= 5
II. Experiments	= 25
III. Viva voce	= 05
Total	= 35marks

16. Academic Progression:

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

Guidelines for CIE

M. Pharm

2022-23

CHAPTER –I:REGULATIONS

1. Short Title and Commencement

These regulations shall be called as “The Revised Regulations for the Master of Pharmacy (M. Pharm.)Degree Program - Credit Based Semester System (CBSS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by the authorities of the university.

2. Minimum qualification for admission

A Pass in the following examinations

a) B. Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55 % of the maximum marks (aggregate of 4 years of B.Pharm.)

b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (B.Pharm.)

3. Duration of the program

The program of study for M.Pharm. shall extend over a period of four semesters (two academic years). The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

5. Working days in each semester

Each semester shall consist of not less than 100 working days. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from the month of December/January to May/June in every calendar year.

6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

7. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, practical classes, seminars, assignments, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week/per activity.

7.1. Credit assignment

7.1.1. Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

The contact hours of seminars, assignments and research work shall be treated as that of practical courses for the purpose of calculating credits. i.e., the contact hours shall be multiplied by 1/2. Similarly, the contact hours of journal club, research work presentations and discussions with the supervisor shall be considered as theory course and multiplied by 1.

7.2. Minimum credit requirements

The minimum credit points required for the award of M. Pharm. degree is 95. However based on the credit points earned by the students under the head of co-curricular activities, a student shall earn a maximum of 100 credit points. These credits are divided into Theory courses, Practical, Seminars, Assignments, Research work, Discussions with the supervisor, Journal club and Co-Curricular activities over the duration of four semesters. The credits

are distributed semester-wise as shown in Table 14. Courses generally progress in sequence, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

8. Academic work

A regular record of attendance both in Theory, Practical, Seminar, Assignment, Journal club, Discussion with the supervisor, Research work presentation and Dissertation shall be maintained by the department / teaching staff of respective courses.

9. Course of study

The specializations in M.Pharm program is given in Table 1.

Table – 1: List of M.Pharm. Specializations and their Code

S. No.	Specialization	Code
1.	Pharmaceutics	MPH
2.	Industrial Pharmacy	MIP
3.	Pharmaceutical Chemistry	MPC
4.	Pharmaceutical Analysis	MPA
5.	Pharmaceutical Quality Assurance	MQA
6.	Pharmaceutical Regulatory Affairs	MRA
7.	Pharmaceutical Biotechnology	MPB
8.	Pharmacy Practice	MPP
9.	Pharmacology	MPL
10.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Table – 2 to 11. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Table – 2 to 11.

Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table - 6: Course of study for M. Pharm. (Pharmaceutical Quality Assurance)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MQA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control and Quality Assurance	4	4	4	100
MQA104T	Product Development and Technology Transfer	4	4	4	100
MQA105P	Pharmaceutical Quality Assurance Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MQA201T	Hazards and Safety Management	4	4	4	100
MQA202T	Pharmaceutical Validation	4	4	4	100
MQA203T	Audits and Regulatory Compliance	4	4	4	100
MQA204T	Pharmaceutical Manufacturing Technology	4	4	4	100
MQA205P	Pharmaceutical Quality Assurance Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table - 10: Course of study for (Pharmacology)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPL 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL 102T	Advanced Pharmacology-I	4	4	4	100
MPL 103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100
MPL 104T	Cellular and Molecular Pharmacology	4	4	4	100
MPL 105P	Pharmacology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPL 201T	Advanced Pharmacology II	4	4	4	100
MPL 202T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100
MPL 203T	Principles of Drug Discovery	4	4	4	100
MPL 204T	Experimental Pharmacology practical- II	4	4	4	100
MPL 205P	Pharmacology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 12: Course of study for M. Pharm. III Semester
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
Total		35	21

* Non University Exam

Table – 13: Course of study for M. Pharm. IV Semester
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
Total		35	20

Table – 14: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities

Table – 15: Guidelines for Awarding Credit Points for Co-curricular Activities

Name of the Activity	Maximum Credit Points Eligible / Activity
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	01
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	02
Academic Award/Research Award from State Level/National Agencies	01
Academic Award/Research Award from International Agencies	02
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science)	02

Note: International Conference: Held Outside India

International Journal: The Editorial Board Outside India

*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

10. Program Committee

1. The M. Pharm. programme shall have a Programme Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2. The composition of the Programme Committee shall be as follows:
A teacher at the cadre of Professor shall be the Chairperson; One Teacher from each M.Pharm specialization and four student representatives (two from each academic year), nominated by the Head of the institution.

3. Duties of the Programme Committee:
 - i. Periodically reviewing the progress of the classes.
 - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
 - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.

- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sessionalexam and before the end semester exam.

11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table - 16.

11.1. End semester examinations

The End Semester Examinations for each theory and practical coursethrough semesters I to IVshall beconducted by the respective university except for the subject with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables - 1616 : Schemes for internal assessments and end semester
(Pharmaceutics- MPH)

Course Code	Course	Internal Assessment			End Semester Exams			Total Marks
		Continu- ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPH 101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH 102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH 104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH 105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPH 201T	Molecular Pharmaceutics(Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH	Cosmetic	10	15	1 Hr	25	75	3 Hrs	100

204T	and Cosmeceutic als							
MPH 205P	Pharmaceuti cs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 20: Schemes for internal assessments and end semester examinations
(Pharmaceutical Quality Assurance-MQA)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MQA101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MQA102T	Quality Management System	10	15	1 Hr	25	75	3 Hrs	100
MQA103T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MQA104T	Product Development and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MQA105P	Pharmaceutical Quality Assurance Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MQA201T	Hazards and Safety Management	10	15	1 Hr	25	75	3 Hrs	100
MQA202T	Pharmaceutical Validation	10	15	1 Hr	25	75	3 Hrs	100
MQA203T	Audits and Regulatory Compliance	10	15	1 Hr	25	75	3 Hrs	100
MQA204T	Pharmaceutical Manufacturing Technology	10	15	1 Hr	25	75	3 Hrs	100
MQA205P	Pharmaceutical Quality Assurance Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables - 24: Schemes for internal assessments and end semester examinations
(Pharmacology-MPL)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPL10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Advanced Pharmacology-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 3T	Pharmacological and Toxicological Screening Methods-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 4T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hrs	100
MPL10 5P	Experimental Pharmacology - I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPL20 1T	Advanced Pharmacology II	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Pharmacological and Toxicological Screening Methods-II	10	15	1 Hr	25	75	3 Hrs	100
MPL20 3T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL20 4T	Clinical research and pharmacovigilance	10	15	1 Hr	25	75	3 Hrs	100
MPL20 5P	Experimental Pharmacology - II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 26: Schemes for internal assessments and end semester examinations (Semester III& IV)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER III								
MRM301T	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	50	-	-	50
-	Research work*	-	-	-	-	350	1 Hr	350
Total								525
SEMESTER IV								
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	75	-	-	75
-	Research work and Colloquium	-	-	-	-	400	1 Hr	400
Total								500

*Non University Examination

11.2. Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table – 27: Scheme for awarding internal assessment: Continuous mode

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 28)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 28)	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

Table – 28: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	0	0

11.2.1. Sessional Exams

Two sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical sessional examinations is given in the table. The average marks of two sessional exams shall be computed for internal assessment as per the requirements given in tables.

12. Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of M.Pharm. programme if he/she secures at least 50% marks in that particular course including internal assessment.

13. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

14. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the sessional exam component of the internal assessment. The re-conduct of the sessional exam shall be completed before the commencement of next end semester theory examinations.

15. Reexamination of end semester examinations

Reexamination of end semester examination shall be conducted as per the schedule given in table 29. The exact dates of examinations shall be notified from time to time.

Table – 29: Tentative schedule of end semester examinations

Semester	For Regular Candidates	For Failed Candidates
I and III	November / December	May / June
II and IV	May / June	November / December

16. Allowed to keep terms (ATKT):

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. ATKT rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I and II semesters till the III semester examinations. However, he/she shall not be eligible to attend the courses of IV semester until all the courses of I, II and III semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to IV semesters within the stipulated time period as per the norms.

Note: Grade AB should be considered as failed and treated as one head for deciding ATKT. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

17. Grading of performances

17.1. Letter grades and grade points allocations:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – 30.

Table – 30: Letter grades and grade points equivalent to Percentage of marks and performances

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

A learner who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

18. The Semester grade point average (SGPA)

The performance of a student in a semester is indicated by a number called 'Semester Grade Point Average' (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. For example, if a student takes five courses (Theory/Practical) in a semester with credits C1, C2, C3 and C4 and the student's grade points in these courses are G1, G2, G3 and G4, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4^* \text{ZERO}}{C_1 + C_2 + C_3 + C_4}$$

19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA

shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4}{C_1 + C_2 + C_3 + C_4}$$

where C_1, C_2, C_3, \dots is the total number of credits for semester I, II, III, ... and S_1, S_2, S_3, \dots is the SGPA of semester I, II, III,

20. Declaration of class

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction	= CGPA of 7.50 and above
First Class	= CGPA of 6.00 to 7.49
Second Class	= CGPA of 5.00 to 5.99

21. Project work

All the students shall undertake a project under the supervision of a teacher in Semester III to IV and submit a report. 4 copies of the project report shall be submitted (typed & bound copy not less than 75 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). The projects shall be evaluated as per the criteria given below.

Evaluation of Dissertation Book:

Objective(s) of the work done	50 Marks
Methodology adopted	150 Marks
Results and Discussions	250 Marks
Conclusions and Outcomes	50 Marks
Total	500 Marks

Evaluation of Presentation:

Presentation of work	100 Marks
Communication skills	50 Marks
Question and answer skills	100 Marks
Total	250 Marks

22. Award of Ranks

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the M.Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the M. Pharm program in minimum prescribed number of years, (two years) for the award of Ranks.

23. Award of degree

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

24. Duration for completion of the program of study

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

25. Revaluation I Retotaling of answer papers

There is no provision for revaluation of the answer papers in any examination. However, the candidates can apply for retotaling by paying prescribed fee.

26. Re-admission after break of study

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

**Notice of
CIE
2022-23**



Ref: COPC/ Exam/2022-23

Date: 01/08/2022

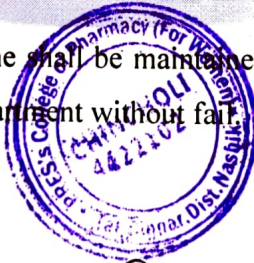
STAFF NOTICE

The subject incharge of First, Second, Third and Final Year B. Pharm (PCI Pattern_Rev 2019 Pattern) are hereby informed that the following modes of Internal Continuous Assessment (Academic Activities) shall be conducted during academic session for 20 marks each and shall be computed for 4 marks. Take average of **Any 2** mentioned activities.

- Academic Activities:
1. Quiz,
 2. Assignment,
 3. Open book test,
 4. Field work,
 5. Group discussion and Seminar.

For Practical, Academic Activities marks are based on Practical Records, Regular viva voce, etc. for 3 marks.

The appropriate record of same shall be maintained by each respective subject incharge and should be submitted to Exam department without fail.




Exam-Incharge


CEO

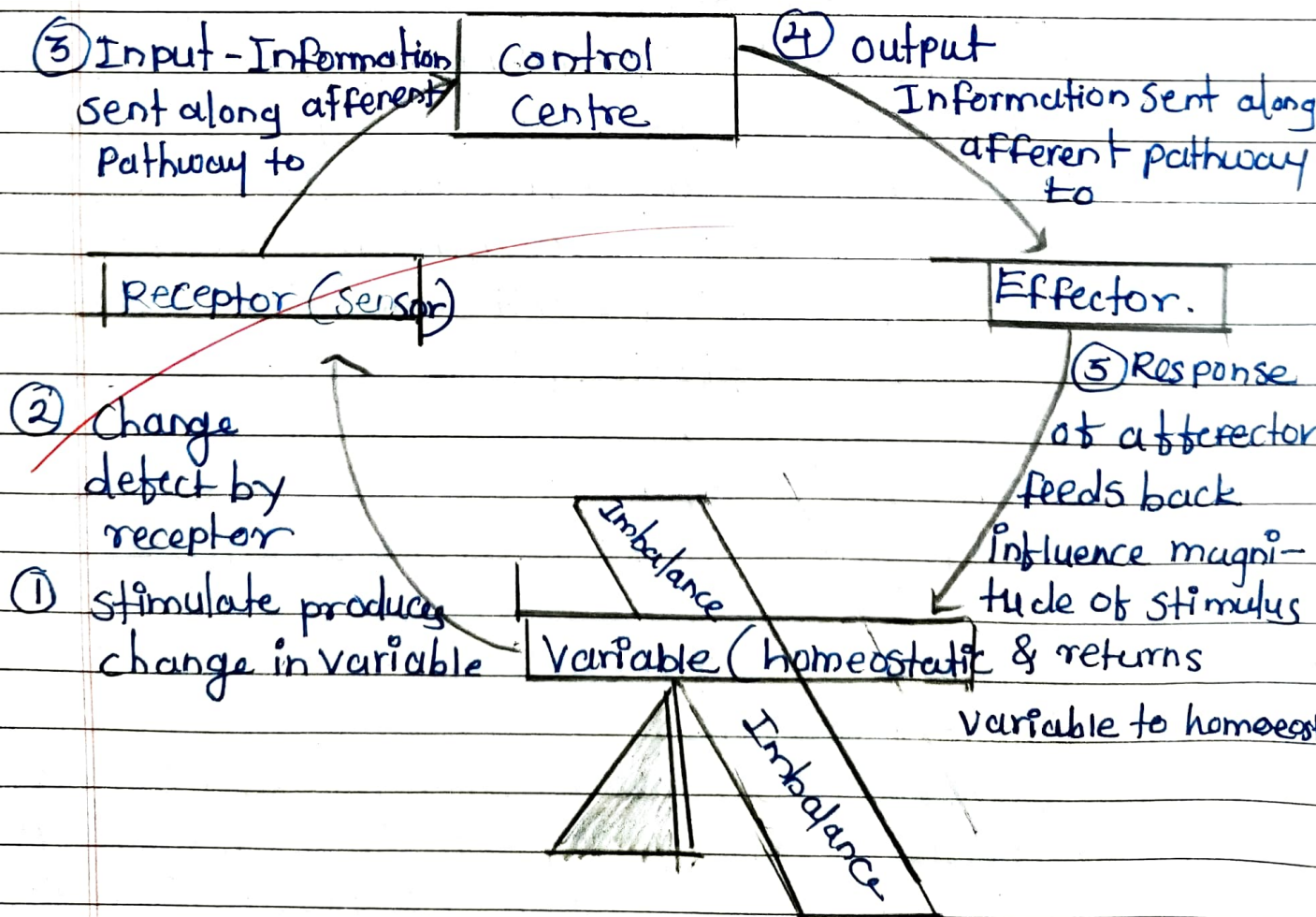

PRINCIPAL
Principal
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102.

**Continuous
Assessment
Record
2022-23**

Q. 1 What is meant by homeostatis and Explain in details about negative feedback machanism Homeostatis.

⇒ It is maintenance of equilibrium in the internal environment of body due interaction of many processes.

Ex. body PH, Blood glucose level, body temp etc. Homeostatisis maintance volume and composition of body fluids containing dissolved chemicals, present inside and around the cells Intracellular fluid (ICF) is present within cells. Extracellular fluid (ECF) is present outside body cells. Inters-telial fluid is ELF that fills narrow spaces between cells of tissues.



Negative feedback mechanisms:

(i) The net effect of that response to the stimulus is the shut off of the original stimulus or to reduce its intensity.

Eg. Body temp, blood chemicals levels.

(ii) Most homeostatic control mechanisms are negative feedback mechanisms.

(iii) In these systems the output shuts off the original stimulus or reduces its intensity.

(iv) These mechanisms cause the variable to change in a direction opposite to the initial change, returning it to its ideal value, thus the name negative feedback mechanism.

(v) With the negative feedback reduces the original effect of the stimulus.

(vi) Ex. Control of blood sugar (glucose) by insulin
When blood sugar rises, receptors in the body sense a change. In turn the control centre (pancreas) secretes insulin into the blood effectively lowering blood sugar. Receptors in the blood effectively lower blood sugar level.

(vii) Once blood sugar levels reach homeostasis the pancreas stops releasing insulin.

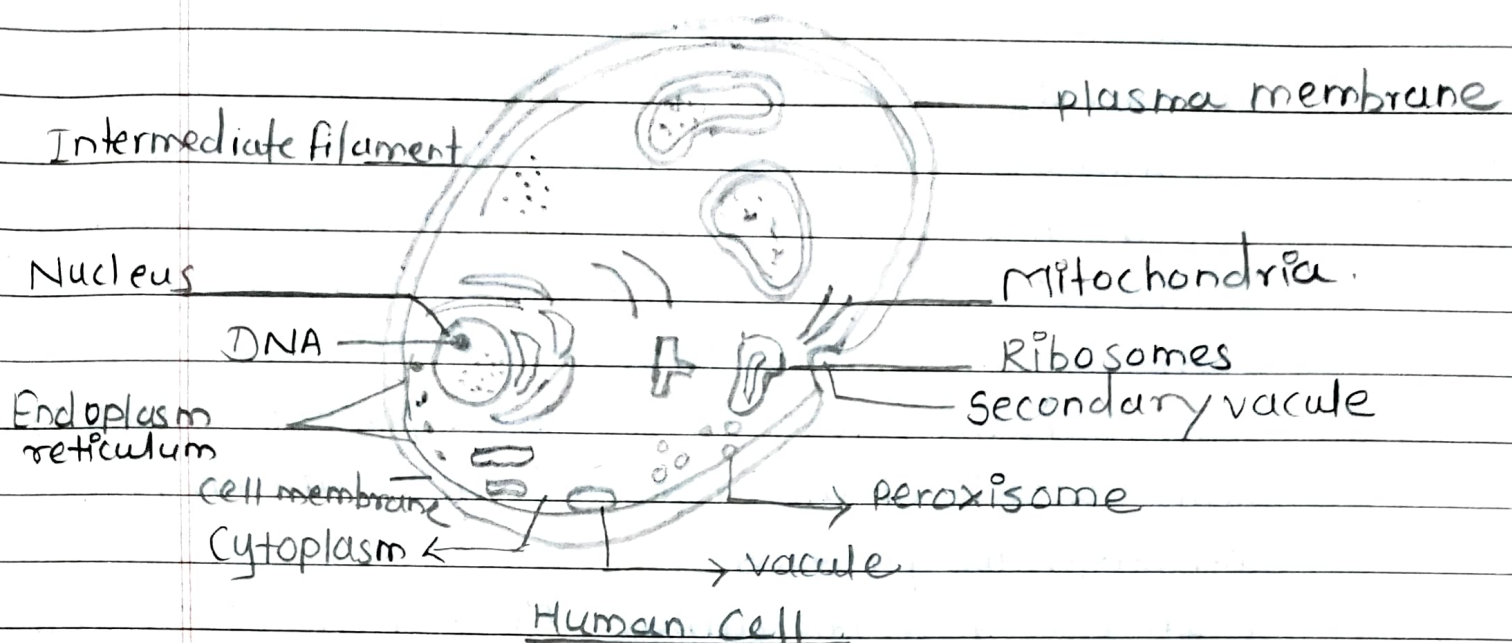
Q.2 Explain in details about structure and function of cells.

⇒ i) Different substances that make a cell are collectively called protoplasm. It is composed of

i) Water 70-80% water is present in a cell.

ii) Carbohydrates iii) Lipid iv) Proteins

v) Electrolyte



major structure are cell membrane, cytoplasm & its organelles, nucleus.

Cell membrane: This pliable elastic outermost structure which envelops the cells.

ii) It consists of bilipids layer with embedded protein that are internal & peripheral protein.

function of cell membrane: i) protective from outermost boundary of the cell organelles.

ii) Digestive - Takes in food and excretes waste

iii) selective permeability.

(a) Non-polar molecule - Gases [like O_2 , CO_2 , N_2] Lipids, steroid hormone. Alcohol can dissolve in the non polar regions of the membrane.

(b) polar molecule - H_2O soluble ions, Glucose, urea etc. have much lower solubility.

chemical & physical properties of DF

membrane control the free passage of ions in & out of cell. This property helps in maintaining components in ICF and ECF.

Insulating properties: It acts as dielectric material of a charged condenser, thus cell membrane have very high Insulating Value.

Cytoplasm: Thick, gel like semitransparent fluid that is found in both plant & animal cell.

i) The constituents part of Cytoplasm are cytosol Cell organelles & cytoplasmic inclusion.

Cytosol i) The cytosol the aqueous part of the cytoplasm outside of all organelles also contain its own distinctive proteins.

ii) It accounts for almost 70% of the total cell volume.

iii) Gelatinous substance consisting mainly of cytoskeleton filaments, organic molecule salt and water.

Organelles: following organelles are present in cytoplasm i) Mitochondria ii) Endoplasmic Reticulum iii) Lysosomes iv) Golgi Apparatus v) Peroxisomes vi) vacuole.

Each organelle is bounded by a lipid membrane & has specific function.

Mitochondria: i) The mitochondria were first observed by Kolliker in 1850 as granular structures in the striated muscles.

ii) Mitochondria are called the powerhouse of the cell. structure - Length - 5-12 μ m. Diameter

iii) Filamentous or globular in shapes Components
① outer membrane, Inner, Intermediate space, Cristae, Matrix.

① outer membrane - It contains large no. of internal membrane proteins called porin.

Matrix of the mitochondria contains enzymes concerned with citric acid and respiratory chain oxidation.

Inner membrane - It contains ATPase and other enzymes concerned with synthesis and metabolism of ATP.

ii) Contains enzymes of electron Transport Chain.

iii) Mitochondria has some protein synthesis.

Function: i) Power generating unit of the cells.

ii) Important to maintain proper concentration of Calcium ions within the various compartment of the cell:

iii) Energy transduction through respiration

iv) Responsible for thermogenesis.

Endoplasmic Reticulum i) Network of tubular & flat vesicular structures in the cytoplasm.

ii) An extensive network of closed, flattened membrane-bounded sacs called cisternae.

iii) Space inside the tubules is filled with Endoplasmic matrix.

Function: i) Synthesis of Protein.

ii) Protein Segregation iii) Unsaturation of fatty acids

iv) Muscle Contraction v) ER is commonly known

Golgi bodies: Golgi bodies is a collection of membrane enclosed sacs composed of four or more stacked layer of thin, flat enclosed sacs composed of four or more vessels lying near the side of the nucleus.

Consist of four functionally distinct region

i) The cis golgi network.

ii) Golgi stack which is divided into.

iii) Medial & trans sub Compartment

function i) wrapping and packaging department of cell

ii) Site of formation of lysosomes.

iii) In add certain carbohydrates to form glycoprotein

Diameter 250-1750 nm iv) These are the Irregular structure surrounded by the Unit membrane

v) Lysosomes are cell hydrolase & they function best ^{at acid PH} function Engulf worn out Components of cell in which

ii) Engulf exogenous substance e.g bacteria & degrade

iii) That's why lysosomes are called as suicidal Bag

Peroxisomes: i) Diameter 0.5 μ m

ii) A lipid bilayer membrane surrounds which regulates what enters or exists the peroxisome

iii) Urates oxidase crystalline Core.

iv) Peroxisomes can be formed by budding of ER.

Function: i) H_2O_2 metabolism & detoxification

ii) Helps in photorespiration in plant

iii) Biosynthesis of lipid iv) synthesis of bile acid in liver

v) Synthesis of plasmalogens (myelin sheath)

Cytoskeleton: The cytoskeleton is made up primarily of i) microtubules ii) intermediate filaments

iii) Microfilaments.

Microtubules: These are long solid fibres 4-6 nm

hollow structure approx 25 nm in diameter

Determine shape of the cell.

Intermediate Filament : They are 8-14 nm in diameter and are made up of various substance.

Microfilaments : They are long solid fibres 4-6 nm in diameter They comprise the contractile protein action & are responsible for cell motion.

Function : i) Movement of the chromosomes.

ii) cell movement.

iii) Movement of protein within the cell membrane

Nucleus : The nucleus contain chromatin RNA's and nuclear proteins move freely in aqueous solⁿ.

ii) The lamins serve as sites of chromatin

Nuclear Envelop : Two conc. membrane called the inner and outer nuclear membrane.

Nuclear membrane is permeable only to small non-polar molecules.

Function serve both as the repository of genetic information and as the cell's control centre. The nuclear envelop provides novel opportunities for the control of gene expression at the level of transcription.

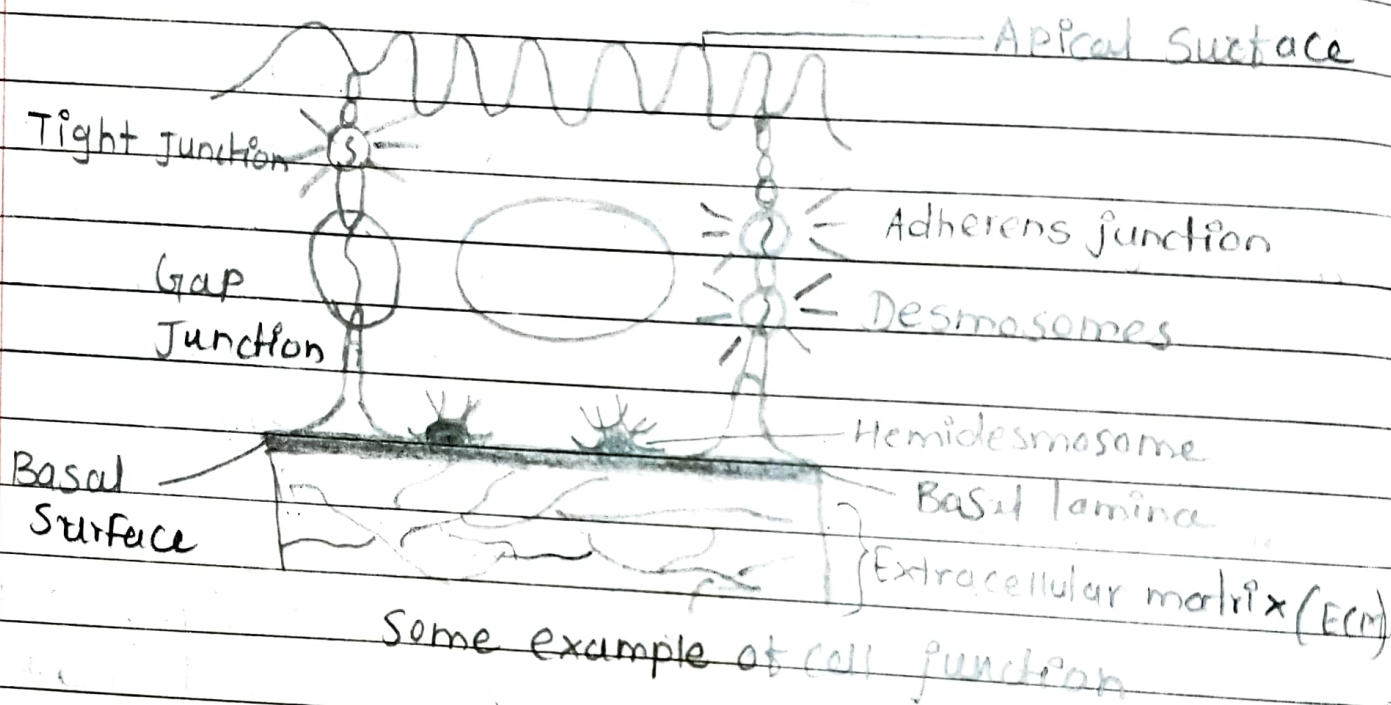
Q.3 What is meant by cell junction & Explain their types?

⇒ Cell Junction : Cell junctions are especially important in enabling communication between neighbouring cells viz specialized protein called Junctions.

is a type of structure that exists within the tissue of some multicellular organism such as animal cell junction consists of multiprotein complexes that provide control between neighbouring cells

or between a cell & the extracellular matrix. They are also build up the paracellular barriers of epithelia and control the paracellular transport.

Cell junction are especially abundant in epithelial tissues.



Types of cell junction .

1. Adherens junctions desmosomes & hemidesmosomes (anchoring junction)
2. Gap junctions (communicating junction)
3. Tight junctions (occ

1) Adheren junction.

i) similarly to desmosomes & hemidesmosomes their transmembrane, anchor are composed of cadherins in those that anchor to other cells & Integrins in those that anchor to extracellular matrix.

ii) There is considerable morphologic diversity among adherens junctions.

iii) Those that tie cells to one another are seen as isolated streaks or spots or as bands that completely encircle the cell.

iv) The band type of adherens junctions is associated with bundles of actin filaments that also encircle the cell just below the plasma membrane.

v) Spot like adherens junctions help cells adhere to extracellular matrix both in vivo & in vitro where they are contractile proteins.

desmosomes : i) Desmosomes also termed as maculae adherentes can be visualized as rivets through the plasma membrane of adjacent cells.

ii) Intermediate filaments composed of keratin or desmin are attached to membrane associated attachment proteins that form a dense plaque on the cytoplasmic face of the membrane.

iii) Catenin molecules form the actual anchor by attaching to the cytoplasmic plaque.

Hemidesmosomes : i) Hemidesmosomes form rivet like links between cytoskeleton and extracellular matrix components such as the basal laminae that underlie epithelia.

ii) Like desmosomes, they tie to intermediate filaments in the cytoplasm, but in contrast to desmosomes their transmembrane anchors are integrins rather than cadherins.

2) Gap Junction (Communicating)

i) Communicating junctions or gap junction allow for direct chemical communication between allow for adjacent cellular cytoplasm through diffuse without contact with the extracellular fluid.

ii) This is possible due to six connexon protein interaction to form a cylinder with a pore in the centre called connexon.

iii) The connexon complexes stretch across the cell membrane & when two adjacent cell connexon complexes stretch across they form a complete gap channel.

3) Tight junctions.

i) Tight junctions present in epithelia, act as a barrier that regulates the movement of water and solute between epithelial layer.

ii) Tight junction are classified as a paracellular barrier which is defined are not having directional discrimination.

iii) However movement of the solute is largely dependent upon size and charge.

iv) There is evidence to suggest that the structure in which solute pass through are somewhat like pores.

v) Tight Junction are classified present in different types of epithelia are selective for solute of differing size, charge and polarity.

four types of app 40 proteins are involved in tight junction.

Scaffolding protein
signaling protein
Regular proteins
transmembrane proteins
Tricellular proteins.

Q. 4] Describe in details about Connective tissue.

⇒ Connective tissue.

Most abundant & widely distributed tissue in body.

Structure It consists of 2 basic element cell & matrix. Matrix fill the wide spaces between its cells.

Function It Bind together, supports & strengthness other body tissues. protect & Insulated internal organs, compartmentalizes structures such as skeleton muscles. Major transport system within the body (ex Blood).

Connective tissue classified as 5 types

1. ~~Loose~~ Loose connective tissue.

The fibres are loosely intertwined & many cells are present

i) Arealan connective tissue.

It is one of the most widely distributed connective tissue. It is made up of It contains several kinds of cells (Fibroblastic macrophages, Plasma cells, adipocytes, mast cell & few white blood cells).

embedded in semifluid ground substances

(hyaluronic acid, chondroitin sulfate, Sulfate

dermatan sulphate & keratan sulfate.) It is called as packing material of body.

Location - In & around nearby every body structure in subcutaneous layer deep to skin.
Function - Strength, elasticity, support.

ii) Adipose connecting tissue.

Structure - Most adipose tissue in adults is white adipose tissue. It has cell derived from

fibroblasts that are specialized for triglycerides as a large centrally located droplet. Cell fills up with a single large triglyceride droplet &

Cytoplasm & nucleus are pushed to periphery of cell.
Location - Subcutaneous layer deep to skin around heart and kidneys, yellow bone marrow padding around joints and behind eyeball in eyesocket.

Function - Binds smooth muscle. It is a good insulator, reduces heat loss through skin, acts as an energy reserve, support and protect organs.

iii) Reticular connective tissue.

Structure - It is a fine intercalating network of reticular fibres and reticular cells.

Location - Spleen, lymph node, liver, red bone marrow, around blood vessel and muscles.

Function - Bind smooth muscle tissue cells, fibres and remove worn-out blood cells in spleen and microbes in lymph nodes.

2) Dense connective tissue.

It contains more numerous thicker & denser but

Connectively fewer cells than loose connective tissue.

i) Dense regular connective tissue.

Structure - It forms shiny white extracellular matrix - mainly collagen fibres regularly arranged in bundles with fibre blasts in row materials. Collagen with fibre blasts in row material. Collagen fibres (protein structure secretely, are not living so-damaged tendons & ligaments heal sta

Location - form tendons (attach muscle to bone) most ligaments (attach bone to bone and aponeuroses (sheet like tendon that attached muscle or muscle to bone).

function - providing strong attachment betn various structures.

ii) Dense irregular connective tissue.

Structure - is made up of collagen fibres,

usually irregularly arranged with few fibroblast. Location - often occurs in sheets, such as fasciae (tissue beneath skin & around muscles & other organ). reticular (deeper) region of dermin of skin, fibrous pericardium of heart periosteum of bone. perichondrium of cartilage joint capsules membrane capsules around various organ (kidney, liver, testis, lymphnode also in many d heart valves.)

function - provide tensile (pulling) strength in many direction.

iii.) Elastic Connective tissue -

Structure - Elastic connective tissue contains predominantly elastic fibres with fibroblasts between them unstained in yellowish.

Location - Lung tissue, walls of elastic arteries, trachea, bronchi, tubes, true vocal chords, suspensory ligaments of penis, some ligaments between vertebrae.

Function - Allows stretching of various organs is strong & can recoil to original shape after being stretched. Elasticity is important to normal functioning of lung tissue & elastic arteries.

c) Cartilage -

Cartilage is a solid but semi-rigid and flexible connective tissue. Cartilage consists of dense network of collagen fibres and elastic fibres firmly embedded in the matrix of chondrin.

i) Hyaline

Structure - It contains a resilient gel as ground substance & appears in the body as a bluish white, shiny substance. For microscope examine fine collagen fibres are not visible with ordinary staining.

Location - Most abundant cartilage in body at end of long bones, anterior end of ribs, nose, part of larynx, trachea, bronchi, bronchial tube embryonic and fetal skeleton.

Function - provides smooth surface for movement at joints flexibility & support weakest

type of cartilage and can be fractured.

ii) Elastic

Structure - Elastic cartilage has in thread like network of elastic fibres within extracellular matrix perichondrium present.

Location - lid on top of larynx, part of external ear, auditory tubes.

Function - provides strength and elasticity maintain shape of certain structures.

iii) Fibro Cartilage

Structure - fibrocartilage has chondrocytes among clearly visible thick bundles of collagen fibres within extracellular matrix lack perichondrium.

Location - Pubic Symphysis, Intervertebral discs, menisci of knee, portions of tendons that insert into cartilage.

4) Blood (vascular tissue).

It is connective tissue with a liquid matrix called plasma containing formed element, RBC, WBS, platelets.

Location - Within blood vessels (arteries, arterioles, capillaries, venules, veins) within chamber of hearts.

Function - Red bone marrow, transport oxygen and some carbon dioxide, white blood cells.

5) Bone (osseous tissue).

Bone is highly calcified, hard & rigid connective tissue. It is major component of adult vertebrate endoskeleton.

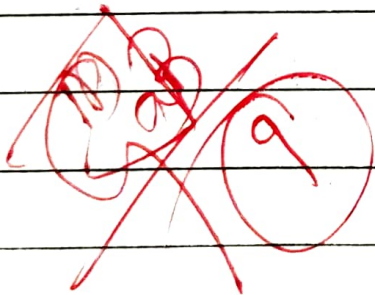
Compact -

It consists of osteons (Haversian system) containing lamellae, lacunae, osteocytes, canaliculi and central canal.

ii) Spongy - It consists of thin columns called trabeculae spaces between trabeculae are filled with red bone marrow

Function - Both compact and spongy bone tissue make up the various parts of bones of body.

Function - stores blood forming tissue. Mechanism of supporting the body architecture and internal organs as a frame work protect delicate organs like brain, heart with the help of muscle facilitate movement and locomotion.



**Notice of
Sessional
Exam
2022-23**



COPC/Exam/2022-23

Date: 07/09/2022

STAFF CIRCULAR

The first sessional examination for UG as well as PG shall start from 19th Sept. 2022 in this respect all the respective subjects in charge are inform to frame the question paper as per the university norms and submit to the exam section on or before the September 15th.

Duration & Mark Scheme: 2019 pattern of B pharm & form 30 marks for 90 minute

Note: Please note that you have to follow the evaluation scheme, time table and duration according to prepare the question paper.



Exam-Incharge

CEO

Principal

Principal
College of Pharmacy, Chincholi
Tal. Sinnar, Dist. Nashik 422102

Copy to:

1. Student Notice Board
2. Exam Notice File

**Time Table of
Sessional
Exam
2022-23**



Ref: COPC/B.Pharm/2022-23/Exam

Date: 07/09/2022

NOTICE

All the students of First Year B. Pharmacy are hereby informed that the First Sessional Exam will commence from 19th September 2022. The time for exam is 10:00 am to 11: 30 am. Practical sessional examination shall be conducted from 12th Sept 2022 to 17th Sept 2018 as per your regular practical batch schedule. **Any type of leave is not going to sanction during examination. There will be no any re-sessional examination for absent students. The college will not be responsible for the loss of Marks of absent students.**




Internal SS


CEO


PRINCIPAL
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102



Ref: COPC/B.Pharm/2022-23/Exam

Date: 25/02/2023

NOTICE

All the students of First Year B. Pharm (I Semester) are hereby informed that First Sessional Examination will commence from 28th Feb 2023. The details of the time table is given below,

FIRST SESSIONAL EXAM TIME TABLE FEB-2023

Date	I Semester
	10.00 AM to 11.30 AM
✓ 28/02/2023	Human Anatomy and Physiology I
✓ 01/03/2023	Pharmaceutical Analysis I
✓ 02/03/2023	Pharmaceutics I
03/03/2023	Pharmaceutical Inorganic Chemistry
✓ 06/03/2023	Communication skills
✓ 07/03/2023	Remedial Biology/ Remedial Mathematics

Instruction: 1. Students should remain in the exam hall 15 min before commencement of exam. 2. Students should follow the instructions given by Supervisors. 3. Students are forbidden to take any books, papers, writing pads and/ or mobile phones into the examination hall. 5. Remove your shoes and floaters outside the classroom.

Exam-Incharge



PRINCIPAL
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102

Approved by AICTE, Pharmacy Council of India, New Delhi, recognized by Govt. of Maharashtra
NAAC ACCREDITED 'A' Grade
AISHE: C-44115

Address : At. / Po. Chincholi, Tal. Sinnar, Dist. Nashik, Pin - 422 102, Maharashtra, India
Ph No.: +91-2551-271178 | Website: www.wcopcpravara.in | Email: info@chincholipharmwomensashik@pravara.in



Ref: COPC/B.Pharm/2022-23/Exam

Date: 20/03/2023

NOTICE

All the students of First Year B. Pharm (I Semester) are hereby informed that Second Sessional Examination will commence from 27th March 2023. At afternoon session, your practical examination shall be conducted as per your regular timetable. The details of the time table is given below,

SECOND SESSIONAL EXAM TIME TABLE MARCH-2023

Date	I Semester
	10.00 AM to 11.30 AM
✓ 27/03/2023	Human Anatomy and Physiology I
28/03/2023	Pharmaceutical Analysis I
✓ 29/03/2023	Pharmaceutics I
31/03/2023	Pharmaceutical Inorganic Chemistry
✓ 03/04/2023	Communication skills
✓ 04/04/2023	Remedial Biology/ Remedial Mathematics

Instruction: 1. Students should remain in the exam hall 15 min before commencement of exam. 2. Students should follow the instructions given by Supervisors. 3. Students are forbidden to take any books, papers, writing pads and/ or mobile phones into the examination hall. 5. Remove your shoes and floaters outside the classroom.

Exam-Incharge



Principal

PRINCIPAL
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102



Ref: COPC/B.Pharm/2022-23/Exam

even sem

Date: 01/03/2023

NOTICE

All the students of Second, Third and Final Year B. Pharmacy (IV, VI and VIII Semester) are hereby informed that the First Sessional Exam will commence from 6th March 2023. The details of the time table is given below,

First Sessional Examination Time Table March 2023

Date	IV Semester	VI Semester	VIII Semester
	10:00 am to 11:30 am	10:00 am to 11:30 am	10:00 am to 11:30 am
06/03/2023	✓ Pharmaceutical Organic Chemistry III (BP401T)	✓ Medicinal Chemistry III BP601T	✓ Biostatistics and Research Methodology (BP801T)
08/03/2023	✓ Medicinal Chemistry I (BP402T)	✓ Pharmacology III BP602T	✓ Social and Preventive Pharmacy (BP802T)
09/03/2023	✓ Physical Pharmaceutics II* (BP403T)	✓ Herbal Drug Technology BP603T	✓ Pharmaceutical Regulatory Science (BP804ET)
10/03/2023	✓ Pharmacology I (BP404T)	✓ Biopharmaceutics and Pharmacokinetics BP604T	✓ Pharmacovigilance (BP805ET)
11/03/2023	Pharmacognosy and Phytochemistry I (BP405T)	✓ Pharmaceutical Biotechnology BP605T	Cosmetic Science (BP809ET)
13/03/2023	-	✓ Quality Assurance BP606T	-

Instruction: 1. Students should remain in the exam hall 15 min before commencement of exam. 2. Students should follow the instructions given by Supervisors. 3. Students are forbidden to take any books, papers and/ or mobile phones into the examination hall.



Ref: COPC/B.Pharm/2022-23/Exam

Date: 18/04/2023

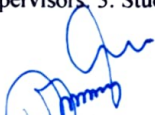
NOTICE

All the students of Second, Third and Final Year B. Pharmacy (IV, VI and VIII Semester) are hereby informed that the Second Sessional Exam will commence from 24th April 2023. The details of the time table is given below,

Second Sessional Examination Time Table April 2023

Date	IV Semester	VI Semester	VIII Semester
	10:00 am to 11:30 am	10:00 am to 11:30 am	10:00 am to 11:30 am
24/04/2023	Pharmaceutical Organic Chemistry III (BP401T)	Medicinal Chemistry III BP601T	-
25/04/2023	Medicinal Chemistry I (BP402T)	Pharmacology III BP602T	-
26/04/2023	Physical Pharmaceutics II (BP403T)	Herbal Drug Technology BP603T	Biostatistics and Research Methodology (BP801T)
27/04/2023	Pharmacology I (BP404T)	Biopharmaceutics and Pharmacokinetics BP604T	Social and Preventive Pharmacy (BP802T)
28/04/2023	Pharmacognosy and Phytochemistry I (BP405T)	Pharmaceutical Biotechnology BP605T	Pharmaceutical Regulatory Science (BP804ET)
02/05/2023	Computer Application in Pharmacy (BP205T)_(DSY Students)	Quality Assurance BP606T	Pharmacovigilance (BP805ET)
03/05/2023	-	-	Cosmetic Science (BP809ET)

Instruction: 1. Students should remain in the exam hall 15 min before commencement of exam. 2. Students should follow the instructions given by Supervisors. 3. Students are forbidden to take any books, papers and/ or mobile phones into the examination hall.


Exam-Incharge
COLLEGE EXAM OFFICER
PRES. C. of Pharmacy
Chincholi, Sinnar, Nashik-422102.




Principal
PRINCIPAL
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102.



COPC/B.Pharm/2022-23/Exam

Date: 10/05/2023

NOTICE

All the students of Second and Third Year B. Pharmacy (IV and VI Semester) are hereby informed that the Re-Sessional Exam will commence from 15th May 2023. The details of the time table is given below,

Re-Sessional Examination Time Table May 2023

Date	IV Semester	VI Semester	VIII Semester
15/05/2023	Pharmaceutical Organic Chemistry III (BP401T) 10:00 am to 11:30 am	Medicinal Chemistry III BP601T 10:00 am to 11:30 am	Biostatistics and Research Methodology (BP801T) 10:00 am to 11:30 am
15/05/2023	Medicinal Chemistry I (BP402T) 02.00 pm to 3.30 pm	Pharmacology III BP602T 02.00 pm to 3.30 pm	-
16/05/2023	Physical Pharmaceutics II (BP403T) 10:00 am to 11:30 am	Herbal Drug Technology BP603T 10:00 am to 11:30 am	Social and Preventive Pharmacy (BP802T) 10:00 am to 11:30 am
16/05/2023	Pharmacology I (BP404T) 02.00 pm to 3.30 pm	Biopharmaceutics and Pharmacokinetics BP604T 02.00 pm to 3.30 pm	-
17/05/2023	✓ Pharmacognosy and Phytochemistry I (BP405T) 10:00 am to 11:30 am	✓ Pharmaceutical Biotechnology BP605T 10:00 am to 11:30 am	✓ Pharmaceutical Regulatory Science (BP804ET) 10:00 am to 11:30 am
17/05/2023	-	✓ Quality Assurance BP606T 02.00 pm to 3.30 pm	Pharmacovigilance & Cosmetic Science (BP809ET) 02.00 pm to 3.30 pm

Instruction: 1. Students should remain in the exam hall 15 min before commencement of exam. 2. Students should follow the instructions given by Supervisors. 3. Students are forbidden to take any books, papers, writing pads and/ or mobile phones into the examination hall. 5. Remove your shoes and floaters outside the classroom.

Exam-Incharge



P. Bhargava
Principal
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102.

**Evaluation
Sheet of
Continuous
Assessment
2022-23**



EVALUATION OF INTERNAL CONTINUOUS ASSESSMENT

Year 2022-2023

Name of Subject: **Pathophysiology (Theory)**

Subject Code: **BP204T**

Class: **First Year B. Pharmacy**

Semester: **II Semester**

Sr. No.	Date	Method of Assessment *	Maximum Marks
1.	29/9/2022 09/6/2022	Average of Sessional Exam	15
2.		Attendance	4
3.	22/3/2022	Academic Activities	4
4.		Student-Teacher Interaction	2
Total Marks:			25

(* In-semester assessment will be of 25 marks which include 15 marks for Theory Sessional Exam and 10 marks for Continuous Internal Assessment for theory)

Average of any two academic activities for theory should be selected from below:

1. Short Quiz
2. Assignment
3. An open book test
4. Field Work
5. Group Discussion
6. Seminar

First Year B. Pharmacy-I Semester (Rev. 2019 Pattern_PCI)

BP204T-Pathophysiology_Theory

Sessional Examination Marks 2022-23

Roll No.	Name of Student	First Sessional	Second Sessional	Re-Examination/Improvement	Average of Sessional Marks
		30 M	30 M	30 M	30 M
1	ADHAV SAMIKSHA BAJIRAO	19	23		21
2	ADKE PRATIBHA PRAVIN	23	25		24
3	AGRAWAL VAISHNAVI RAJENDRA	26	26		26
4	BALKAWADE SHWETA SANTOSH	26	28		27
5	BAROKAR PUJA GAJANAN	22	16		19
6	BHANDARE TEJASWINI SATISH	24	27		25.5
7	BORSE NEHA DEORAM	19	20		19.5
8	CHAVAN PRANALI VIJAY	20	25		22.5
9	CHAVAN SHRUSHTI RAOSAHEB	13	17		15
10	CHOTHAVE PRADNYA MACHINDRA	16	19		17.5
11	DANKE PALLAVI KALUSING	24	26		25
12	DEVKAR DIVYA PANDURANG	21	22		21.5
13	DHAKAERGE ANJALI DILIP	15	10	23	19
14	DHONDADE NIKITA BAVANT	21	26		23.5
15	DOND TANVI KISAN	11	23		17
16	DUKARE KALYANI BALNATH	18	21		19.5
17	DUMADA DAKSHATA PRAVIN	20	19		19.5
18	GAIKWAD PRIYANAKA	26	26		26
19	GAIKWAD SAKSHI MAHESH	25	24		24.5
20	GAJARE PAYAL MHATARBHAU	23	25		24
21	GANGURDE MAYURI PRAVIN	17	23		20
22	GHOLAP APEKSHA SANTOSH	23	26		24.5
23	GHORPADE SAMRUDDHI KAILAS	22	24		23
24	GHUGE SAMIKSHA KAILAS	14	21		17.5
25	GODGE ANUJA VISHWANATH	21	25		23
26	GODSE MANSI CHANDRAKANT	25	27		26
27	GONDKAR SMITAL SACHIN	23	27		25
28	GOSAVI PRANJALI UTTAMGIR	17	19		18
29	JAYBHAYE NAMRATA RAVBA	18	26		22
30	JEUGHALE ANUSHKA RAJESH	14	25		19.5
31	JOSHI SHRUTI SANJAY	21	24		22.5
32	KADAM VAISHNAVI MADAN	22	24		23
33	KALE KALYANI PANDHARINATH	22	24		23
34	KANKATE SHRUTI KIRAN	23	24		23.5
35	KATALE RIYA CHANDRAKANT	28	28		28
36	KHAIRNAR KOMAL RAVINDRA	6	11	16	13.5
37	KHARE RUTUJA DIPAK	4	ab	23	13.5
38	KORADE PAYAL BHAGINATH	26	25		25.5
39	KOTE SAYALI NILESH	25	28		26.5
40	LONARE SHRUTI SHANTARAM	24	25		24.5

41	MAHAJAN MANSI SANJAY	17	23		20
42	MANDLIK KOMAL AVINASH	21	21		21
43	MENDOLE SHREYA SUNIL	14	24		19
44	MORE YOGESHWARI VITTHALRAO	7	11		9
45	NAYAK SWAPNA SAUBHAGYA	13	23		18
46	NIKITA SUNIL MAHALE	18	16		17
47	PAGAR ASHWINI RAMCHANDRA	18	24		21
48	PATIL ANKITA RAMESH	13	15		14
49	PATIL VAISHNAVI BAPUSAHEB	16	23		19.5
50	PATIL VAISHNAVI DNYANESHWAR	23	26		24.5
51	PATIL VISHAKHA PRASHANT	20	20		20
52	RATHOD YUKTI KAILAS	23	23		23
53	SANAP MAYURI POPAT	18	22		20
54	SANGALE PRIYA BABAN	17	19		18
55	SANKHE LOCHANI DIPAK	19	24		21.5
56	SARDA VAIBHAVI SHRIRANG	25	26		25.5
57	SHELKE MONALI BALASAHEB	13	18		15.5
58	SHINDE HARSHADA DATTU	8	20		14
59	SHIRSATH VAISHNVI ASHOK	14	23		18.5
60	SINGH DEEKSHA MANISH	20	26		23
61	SUBHEDAR IKARA ALTAB	12	21		16.5
62	SURWASE TEJASHREE DURYODHAN	17	22		19.5
63	SURYAWANSHI PRATIKSHA RAJENDRA	17	17		17
64	TAKATE MADHURI KHANDU	23	21		22
65	THORAT SAKSHI SUSHIL	4	18	22	13
66	UMAVANE SHARAYU ASHOK	21	25		23
67	VANJUL SAKSHI BAJIGAR	8	11	23	15.5
68	VARPE VAISHNAVI BALASAHEB	17	25		21
69	WAGHMODE DNYANESHWARI BANDU	19	22		20.5

First Year B. Pharmacy-I Semester (Rev. 2019 Pattern_PCI)

BP204T-Pathophysiology (Theory)

Internal Assessment: Continuous mode 2022-23

Roll No.	Name of Student	Class Test	Assignment	Continuous mode 3	Average of any 2 activities
		20 M	20 M	20 M	20 M
1	ADHAV SAMIKSHA BAJIRAO	17	18		17.5
2	ADKE PRATIBHA PRAVIN	18	17		17.5
3	AGRAWAL VAISHNAVI RAJENDRA	18	17		17.5
4	BALKAWADE SHWETA SANTOSH	18	17		17.5
5	BAROKAR PUJA GAJANAN	18	18		18
6	BHANDARE TEJASWINI SATISH	16	17		16.5
7	BORSE NEHA DEORAM	18	17		17.5
8	CHAVAN PRANALI VIJAY	17	17		17
9	CHAVAN SHRUSHTI RAOSAHEB	16	17		16.5
10	CHOTHAVE PRADNYA MACHINDRA	18	16		17
11	DANKE PALLAVI KALUSING	18	17		17.5
12	DEVKAR DIVYA PANDURANG	17	17		17
13	DHAKAERGE ANJALI DILIP	17	18		17.5
14	DHONDADE NIKITA BAVANT	17	17		17
15	DOND TANVI KISAN	18	17		17.5
16	DUKARE KALYANI BALNATH	18	17		17.5
17	DUMADA DAKSHATA PRAVIN	18	17		17.5
18	GAIKWAD PRIYANAKA	18	18		18
19	GAIKWAD SAKSHI MAHESH	18	19		18.5
20	GAJARE PAYAL MHATARBHAU	18	17		17.5
21	GANGURDE MAYURI PRAVIN	18	17		17.5
22	GHOLAP APEKSHA SANTOSH	18	18		18
23	GHORPADE SAMRUDDHI KAILAS	17	16		16.5
24	GHUGE SAMIKSHA KAILAS	18	18		18
25	GODGE ANUJA VISHWANATH	18	16		17
26	GODSE MANSI CHANDRAKANT	18	18		18
27	GONDKAR SMITAL SACHIN	18	17		17.5
28	GOSAVI PRANJALI UTTAMGIR	17	16		16.5
29	JAYBHAYE NAMRATA RAVBA	18	17		17.5
30	JEUGHALE ANUSHKA RAJESH	17	16		16.5
31	JOSHI SHRUTI SANJAY	17	18		17.5
32	KADAM VAISHNAVI MADAN	18	17		17.5
33	KALE KALYANI PANDHARINATH	18	16		17
34	KANKATE SHRUTI KIRAN	18	18		18
35	KATALE RIYA CHANDRAKANT	18	18		18
36	KHAIRNAR KOMAL RAVINDRA	16	16		16
37	KHARE RUTUJA DIPAK	18	17		17.5
38	KORADE PAYAL BHAGINATH	18	18		18
39	KOTE SAYALI NILESH	18	19		18.5
40	LONARE SHRUTI SHANTARAM	18	17		17.5
41	MAHAJAN MANSI SANJAY	17	17		17
42	MANDLIK KOMAL AVINASH	19	17		18

43	MENDOLE SHREYA SUNIL	17	18		17.5
44	MORE YOGESHWARI VITTHALRAO	18	15		16.5
45	NAYAK SWAPNA SAUBHAGYA	18	17		17.5
46	NIKITA SUNIL MAHALE	18	17		17.5
47	PAGAR ASHWINI RAMCHANDRA	16	16		16
48	PATIL ANKITA RAMESH	18	17		17.5
49	PATIL VAISHNAVI BAPUSAHEB	17	16		16.5
50	PATIL VAISHNAVI DNYANESHWAR	18	18		18
51	PATIL VISHAKHA PRASHANT	18	17		17.5
52	RATHOD YUKTI KAILAS	18	18		18
53	SANAP MAYURI POPAT	17	16		16.5
54	SANGALE PRIYA BABAN	17	18		17.5
55	SANKHE LOCHANI DIPAK	18	17		17.5
56	SARDA VAIBHAVI SHRIRANG	18	17		17.5
57	SHELKE MONALI BALASAHEB	18	16		17
58	SHINDE HARSHADA DATTU	17	17		17
59	SHIRSATH VAISHNVI ASHOK	16	18		17
60	SINGH DEEKSHA MANISH	18	18		18
61	SUBHEDAR IKARA ALTAB	17	17		17
62	SURWASE TEJASHREE DURYODHAN	18	18		18
63	SURYAWANSHI PRATIKSHA RAJENDRA	18	18		18
64	TAKATE MADHURI KHANDU	18	17		17.5
65	THORAT SAKSHI SUSHIL	17	17		17
66	UMAVANE SHARAYU ASHOK	18	17		17.5
67	VANJUL SAKSHI BAJIGAR	17	17		17
68	VARPE VAISHNAVI BALASAHEB	17	17		17
69	WAGHMODE DNYANESHWARI BANDU	18	17		17.5

First Year B. Pharmacy-I Semester (Rev. 2019 Pattern_PCI)

BP204T-Pathophysiology (Theory)

Internal Continuous Assessment Sheet 2022-23

Roll No.	Name of Student	Average of Sessional Marks	Average of Sessional Marks	Attendance	Average of Academic Activities	Student-Teacher Interaction	Total	Signature
		30 M	15 M	4 M	4 M	2 M	25 M	
1	ADHAV SAMIKSHA BAJIRAO	21	10.5	4	3.5	2	20	<i>[Signature]</i>
2	ADKE PRATISHA PRAVIN	24	12	4	3.5	2	22	<i>[Signature]</i>
3	AGRAWAL VAISHNAVI RAJENDRA	26	13	4	3.5	2	23	<i>[Signature]</i>
4	BALKAWADE SHWETA SANTOSH	27	13.5	4	3.5	2	23	<i>[Signature]</i>
5	BAROKAR PUJA GAJANAN	19	9.5	4	3.6	2	19	<i>[Signature]</i>
6	BHANDARE TEJASWINI SATISH	25.5	12.75	4	3.3	2	23	<i>[Signature]</i>
7	BORSE NEHA DEORAM	19.5	9.75	4	3.5	2	19	<i>[Signature]</i>
8	CHAVAN PRANALI VIJAY	22.5	11.25	4	3.4	2	21	<i>[Signature]</i>
9	CHAVAN SHRUSHTI RAOSAHEB	15	7.5	4	3.3	2	17	<i>[Signature]</i>
10	CHOTHAVE PRADNYA MACHINDRA	17.5	8.75	4	3.4	2	18	<i>[Signature]</i>
11	DANKE PALLAVI KALUSING	25	12.5	4	3.5	2	22	<i>[Signature]</i>
12	DEVKAR DIVYA PANDURANG	21.5	10.75	4	3.4	2	20	<i>[Signature]</i>
13	DHAKAERGE ANJALI DILIP	19	9.5	4	3.5	2	19	<i>[Signature]</i>
14	DHONDADE NIKITA BAVANT	23.5	11.75	4	3.4	2	21	<i>[Signature]</i>
15	DOND TANVI KISAN	17	8.5	4	3.5	2	18	<i>[Signature]</i>
16	DUKARE KALYANI BALNATH	19.5	9.75	4	3.5	2	19	<i>[Signature]</i>
17	DUMADA DAKSHATA PRAVIN	19.5	9.75	4	3.5	2	19	<i>[Signature]</i>
18	GAIKWAD PRIYANAKA	26	13	4	3.6	2	23	<i>[Signature]</i>
19	GAIKWAD SAKSHI MAHESH	24.5	12.25	4	3.7	2	22	<i>[Signature]</i>
20	GAJARE PAYAL MHATARBHAU	24	12	4	3.5	2	22	<i>[Signature]</i>
21	GANGURDE MAYURI PRAVIN	20	10	4	3.5	2	20	<i>[Signature]</i>
22	GHOLAP APEKSHA SANTOSH	24.5	12.25	4	3.6	2	22	<i>[Signature]</i>
23	GHORPADE SAMPUDDHI KAILAS	23	11.5	4	3.3	2	21	<i>[Signature]</i>
24	GHUGE SAMIKSHA KAILAS	17.5	8.75	4	3.6	2	18	<i>[Signature]</i>
25	GODGE ANUJA VISHWANATH	23	11.5	4	3.4	2	21	<i>[Signature]</i>
26	GODSE MANSI CHANDRAKANT	26	13	4	3.6	2	23	<i>[Signature]</i>
27	GONDKAR SMITAL SACHIN	25	12.5	4	3.5	2	22	<i>[Signature]</i>

28	GOSAVI PRANJALI UTTAMGIR	18	9	4	3.3	2	18	P.O. Gosavi
29	JAYBHAYE NAMRATA RAVBA	22	11	4	3.5	2	21	Jaybhaye
30	JEUGHALE ANUSHKA RAJESH	19.5	9.75	4	3.3	2	20	Anushka
31	JOSHI SHRUTI SANJAY	22.5	11.25	4	3.5	2	21	Shruti
32	KADAM VAISHNAVI MADAN	23	11.5	4	3.5	2	21	Kadam
33	KALE KALYANI PANDHARINATH	23	11.5	4	3.4	2	21	Kale
34	KANKATE SHRUTI KIRAN	23.5	11.75	4	3.6	2	21	Kankate
35	KATALE RIYA CHANDRAKANT	28	14	4	3.6	2	24	Katale
36	KHAIRNAR KOMAL RAVINDRA	13.5	6.75	4	3.2	2	16	Khairnar
37	KHARE RUTUJA DIPAK	13.5	6.75	4	3.5	2	16	Khare
38	KORADE PAYAL BHAGINATH	25.5	12.75	4	3.6	2	22	Korade
39	KOTE SAYALI NILESH	26.5	13.25	4	3.7	2	23	Kote
40	LONARE SHRUTI SHANTARAM	24.5	12.25	4	3.5	2	22	Lonare
41	MAHAJAN MANSI SANJAY	20	10	4	3.4	2	19	MahaJan
42	MANDLIK KOMAL AVINASH	21	10.5	4	3.6	2	20	Mandlik
43	MENDOLE SHREYA SUNIL	19	9.5	4	3.5	2	19	Mendole
44	MORE YOGESHWARI VITTHALRAO	9	4.5	4	3.3	2	14	More
45	NAYAK SWAPNA SAUBHAGYA	18	9	4	3.5	2	19	Nayak
46	NIKITA SUNIL MAHALE	17	8.5	4	3.5	2	18	Nikita
47	PAGAR ASHWINI RAMCHANDRA	21	10.5	4	3.2	2	20	Pagar
48	PATIL ANKITA RAMESH	14	7	4	3.5	2	17	Patil
49	PATIL VAISHNAVI BAPUSAHEB	19.5	9.75	4	3.3	2	20	Patil
50	PATIL VAISHNAVI DNYANESHWAR	24.5	12.25	4	3.6	2	22	Patil
51	PATIL VISHAKHA PRASHANT	20	10	4	3.5	2	20	Patil
52	RATHOD YUKTI KAILAS	23	11.5	4	3.6	2	21	Rathod
53	SANAP MAYURI POPAT	20	10	4	3.3	2	19	Sanap
54	SANGALE PRIYA BABAN	18	9	4	3.5	2	19	Sangale
55	SANKHE LOCHANI DIPAK	21.5	10.75	4	3.5	2	20	Sankhe
56	SARDA VAIBHAVI SHRIRANG	25.5	12.75	4	3.5	2	22	Sarda
57	SHELKE MONALI BALASAHEB	15.5	7.75	4	3.4	2	17	Shelke
58	SHINDE HARSHADA DATTU	14	7	4	3.4	2	16	Shinde
59	SHIRSATH VAISHNVI ASHOK	18.5	9.25	4	3.4	2	19	Shirsath
60	SINGH DEEKSHA MANISH	23	11.5	4	3.6	2	21	Singh
61	SUBHEDAR IKARA ALTAB	16.5	8.25	4	3.4	2	18	Subhedar
62	SURWASE TEJASHREE DURYODHAN	19.5	9.75	4	3.6	2	19	Surwase

63	SURYAWANSHI PRATIKSHA RAJENDRA	17	8.5	4	3.6	2	18	<u>Mattan</u>
64	TAKATE MADHURI KHANDU	22	11	4	3.5	2	21	<u>M. Takate</u>
65	THORAT SAKSHI SUSHIL	13	6.5	4	3.4	2	19	<u>S. Thorat</u>
66	UMAVANE SHARAYU ASHOK	23	11.5	4	3.5	2	21	<u>U. Umavane</u>
67	VANJUL SAKSHI BAJIGAR	15.5	7.75	4	3.4	2	18	<u>V. Vanjul</u>
68	VARPE VAISHNAVI BALASAHEB	21	10.5	4	3.4	2	20	<u>V. Varpe</u>
69	WAGHMODE DNYANESHWARI BANDU	20.5	10.25	4	3.5	2	20	<u>D. Waghmode</u>

**Attendance
Record
2022-23**



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY'S
LONI

Name of Institute: PRES's College of Pharmacy
Chincholi, Nashik (For women)

ATTENDANCE AND ASSESSMENT RECORDS

Year 2022 -2023

CLASS: I / H / HH / FINAL YEAR B.PHARM / D.PHARM

SUBJECT: Pathophysiology (Theory) Sem II

NAME OF THE TEACHER: Mrs. Snehal D. Jadhav

DEPARTMENT: Pharmacology

