



Pravara Rural Education Society's

COLLEGE OF PHARMACY (FOR WOMEN)



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Approved by A.I.C.T.E., Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra
Affiliated to Savitribai Phule Pune University, Pune

INDEX

Criteria No: 2

Metric No: 2.5.1

File Name: Internal Assessment

Sr. No.	Content	Page No.
1	Evaluation Guidelines for Internal Assessment for B.Pharm SPPU 2015 Pattern	2-11
2	Evaluation Guidelines for Internal Assessment for B.Pharm SPPU 2018 Pattern	12-22
3	Evaluation Guidelines for Internal Assessment for M.Pharm SPPU 2018 Pattern	23-26
4	Academic Calendar of 2018-2019	27-33
5	Sample Copies for Evaluation of Internal Continuous Assessment B.Pharm/M.Pharmacy	34-37



One Purpose, One Mission, One Dream.

B. PHARMACY PATTERN 2015

EVALUATION GUIDELINES FOR INTERNAL ASSESSMENT (B. PHARMACY):

Each Semester will consist of a minimum of 15 weeks instructions.

*i.e. $15 \times 6 = 90$ instructional days (minimum instructional days)

75% attendance for both theory and practical classes separately shall be mandatory to appear for sessional examination and end semester examination.

In- semester assessment will be of 40 marks which includes 20 marks for theory and practical sessional and 20 marks for continuous assessment for theory and practical.

In-semester assessment of 20 marks should be continuous, procedures and marks for theory and practical examination are as follows:

For theory and practical Examination – In-semester assessment for 20 marks should be continuous and at least two tests should be conducted for full course of 3 credits for theory and 2 credits for practical and the teacher must select a variety of procedures for examination such as :

- Written test and / or midterm test (not more than one or two for each course)
- Term paper
- Journal / Lecture / Library notes
- Seminar presentation
- Short Quizzes
- Assignments
- Extension work
- An open book test (with the concern teacher deciding what books are to be allowed for this purpose) or
- Mini research project by individual learner or group of learners.

The concern teacher in consultation with the Principal or CEO shall decide the nature of question for the unit test.

Sessional Exam	20 Marks	
Continuous Assessment	20 Marks	Any two Academic Activities consisting 10 marks more or less for each activity, but the sum of each activities should not be more or less than 20 Marks



Number of Sessional Examination:

There will be a minimum of one sessional examination of 20 marks conducted in each semester.

One Sessional Examination will be conducted as per the examination scheme:

Sr. No.	Head	Marks distribution
Q. 1	2 marks X 3 questions (out of five)	6 marks
Q. 2	4 marks X 2 questions (out of three)	8 marks
Q. 3	6 marks X 1 questions (out of two)	6 marks
	Total	20 marks

The student who will secure less than 40% mark in the Sessional Examination or unable to appear for the scheduled Sessional Examination may be permitted for the Sessional Examination in the same semester only if approved by institutional examination committee.

Practical sessional examination of 20 marks will be based on internal assessment of practical (Experimental work), viva, synopsis and laboratory record. The distribution of marks for practical examination will be as follows:

Scheme for Practical Sessional Examination:

Sr. No.	Head	Marks distribution
1	Experimental work	10 marks
2	Synopsis & Viva	06 marks
3	Lab Record	04 marks
	Total Marks	20 marks
	Duration	03 Hrs.



Bhangale
Dr. C. J. Bhangale
Principal

Principal
College of Pharmacy, Chincholi
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Annexure I

Scheme of Examination for eight semesters of B. Pharm. Course Name and number of heads of passing, number of paper, duration of examination, maximum marks, minimum marks for passing, Sessional Examination, duration, maximum marks.

Semester-I**Class- First Yr. B. Pharmacy**

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Sessional Maximum marks	Continuous Assessment marks		
1.1.1 T	Pharmaceutics- I	3	3	3	60	24	1.5	20	20	100	40
1.1.1 P	Pharmaceutics- I	3	2	4	60	24	3	20	20	100	40
1.1.2 T	Modern Dispensing Practices	3	3	3	60	24	1.5	20	20	100	40
1.1.2 P	Modern Dispensing Practices	3	2	4	60	24	3	20	20	100	40
1.1.3 T	Pharmaceutical Inorganic Chemistry	3	3	3	60	24	1.5	20	20	100	40
1.1.3 P	Pharmaceutical Inorganic Chemistry	3	2	4	60	24	3	20	20	100	40
1.1.4 T	Pharmaceutical Organic Chemistry-I	3	3	3	60	24	1.5	20	20	100	40
1.1.4 P	Pharmaceutical Organic Chemistry-I	3	2	4	60	24	3	20	20	100	40
1.1.5 T	Human Anatomy & Physiology-I	3	3	3	60	24	1.5	20	20	100	40
1.1.5 P	Human Anatomy & Physiology-I	3	2	4	60	24	3	20	20	100	40
1.1.6 T	Communication and soft skill development	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 28

Semester-II

Class- First Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
1.2.1 T	Pharmaceutics- II	3	3	3	60	24	1.5	20	20	100	40
1.2.1 T	Dosage form design	3	3	3	60	24	1.5	20	20	100	40
1.2.2 P	Dosage form design	3	2	4	60	24	3	20	20	100	40
1.2.3 T	Pharmaceutical Organic Chemistry-II	3	3	3	60	24	1.5	20	20	100	40
1.2.3 P	Pharmaceutical Organic Chemistry-II	3	2	4	60	24	3	20	20	100	40
1.2.4 T	Human Anatomy & Physiology-II	3	3	3	60	24	1.5	20	20	100	40
1.2.4 P	Human Anatomy & Physiology-II	3	2	4	60	24	3	20	20	100	40
1.2.5 T	Pharmacognosy	3	3	3	60	24	1.5	20	20	100	40
1.2.5 P	Pharmacognosy	3	2	4	60	24	3	20	20	100	40
1.2.6 T	Pharmaceutical Analysis I	3	3	3	60	24	1.5	20	20	100	40
1.2.6 P	Pharmaceutical Analysis I	3	2	4	60	24	3	20	20	100	40

Total Credits = 28

Semester-III

Class- Second Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
2.3.1 T	Physical Pharmaceutics- I	3	3	3	60	24	1.5	20	20	100	40
2.3.1 P	Physical Pharmaceutics- I	3	2	4	60	24	3	20	20	100	40
2.3.2 T	Pharmaceutical Microbiology	3	3	3	60	24	1.5	20	20	100	40
2.3.2 P	Pharmaceutical Microbiology	3	2	4	60	24	3	20	20	100	40
2.3.3 T	Pharmaceutical Biochemistry	3	3	3	60	24	1.5	20	20	100	40
2.3.3 P	Pharmaceutical Biochemistry	3	2	4	60	24	3	20	20	100	40
2.3.4 T	Pharmaceutical Organic Chemistry-III	3	3	3	60	24	1.5	20	20	100	40
2.3.4 P	Pharmaceutical Organic Chemistry-III	3	2	4	60	24	3	20	20	100	40
2.3.5 T	Pharmacology-I	3	3	3	60	24	1.5	20	20	100	40
2.3.6 T	Pharmacognosy & Phytochemistry - I	3	3	3	60	24	1.5	20	20	100	40
2.3.6 P	Pharmacognosy & Phytochemistry - I	3	2	4	60	24	3	20	20	100	40

Total Credits = 28

Semester-IV

Class- Second Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
2.4.1 T	Physical Pharmaceutics-II	3	3	3	60	24	1.5	20	20	100	40
2.4.1 P	Physical Pharmaceutics-II	3	2	4	60	24	3	20	20	100	40
2.4.2 T	Pathophysiology & Clinical Biochemistry	3	3	3	60	24	1.5	20	20	100	40
2.4.2 P	Pathophysiology & Clinical Biochemistry	3	2	4	60	24	3	20	20	100	40
2.4.3 T	Pharmaceutical Organic Chemistry-IV	3	3	3	60	24	1.5	20	20	100	40
2.4.3 P	Pharmaceutical Organic Chemistry-IV	3	2	4	60	24	3	20	20	100	40
2.4.4 T	Pharmaceutical Analysis-II	3	3	3	60	24	1.5	20	20	100	40
2.4.4 P	Pharmaceutical Analysis-II	3	2	4	60	24	3	20	20	100	40
2.4.5 T	Pharmacognosy & Phytochemistry – II	3	3	3	60	24	1.5	20	20	100	40
2.4.5 P	Pharmacognosy & Phytochemistry – II	3	2	4	60	24	3	20	20	100	40
2.4.6 T	Pharmaceutical Engineering	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 28

Semester-V

Class- Third Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
3.5.1 T	Industrial Pharmacy-I	3	3	3	60	24	1.5	20	20	100	40
3.5.1 P	Industrial Pharmacy-I	3	2	4	60	24	3	20	20	100	40
3.5.2 T	Pharmaceutical Analysis-III	3	3	3	60	24	1.5	20	20	100	40
3.5.2 P	Pharmaceutical Analysis-III	3	2	4	60	24	3	20	20	100	40
3.5.3 T	Medicinal Chemistry-I	3	3	3	60	24	1.5	20	20	100	40
3.5.3 P	Medicinal Chemistry-I	3	2	4	60	24	3	20	20	100	40
3.5.4 T	Pharmacology-II	3	3	3	60	24	1.5	20	20	100	40
3.5.4 P	Pharmacology-II	3	2	4	60	24	3	20	20	100	40
3.5.5 T	Analytical Pharmacognosy & Extraction Technology	3	3	3	60	24	1.5	20	20	100	40
3.5.5 P	Analytical Pharmacognosy & Extraction Technology	3	2	4	60	24	3	20	20	100	40
3.5.6 T	Pharmaceutical Business Management & Disaster Management	3	3	3	60	24	1.5	20	20	100	40
3.5.7 T	Active Pharmaceutical Ingredients Technology	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

Semester-VI

Class- Third Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
3.6.1 T	Industrial Pharmacy-II	3	3	3	60	24	1.5	20	20	100	40
3.6.1 P	Industrial Pharmacy-II	3	2	4	60	24	3	20	20	100	40
3.6.2 T	Pharmaceutical Analysis-IV	3	3	3	60	24	1.5	20	20	100	40
3.6.2 P	Pharmaceutical Analysis-IV	3	2	4	60	24	3	20	20	100	40
3.6.3 T	Medicinal Chemistry-II	3	3	3	60	24	1.5	20	20	100	40
3.6.3 P	Medicinal Chemistry-II	3	2	4	60	24	3	20	20	100	40
3.6.4 T	Pharmacology-III	3	3	3	60	24	1.5	20	20	100	40
3.6.4 P	Pharmacology-III	3	2	4	60	24	3	20	20	100	40
3.6.5 T	Natural Product Chemistry	3	3	3	60	24	1.5	20	20	100	40
3.6.5 P	Natural Product Chemistry	3	2	4	60	24	3	20	20	100	40
3.6.6 T	Bioorganic Chemistry & Drug Design	3	3	3	60	24	1.5	20	20	100	40
3.6.7 T	Pharmaceutical Biotechnology	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

Semester-VII

Class- Final Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
4.7.1 T	Sterile Products	3	3	3	60	24	1.5	20	20	100	40
4.7.1 P	Sterile Products	3	2	4	60	24	3	20	20	100	40
4.7.2 T	Pharmaceutical Analysis-V	3	3	3	60	24	1.5	20	20	100	40
4.7.2 P	Pharmaceutical Analysis-V	3	2	4	60	24	3	20	20	100	40
4.7.3 T	Medicinal Chemistry-III	3	3	3	60	24	1.5	20	20	100	40
4.7.3 P	Medicinal Chemistry-III	3	2	4	60	24	3	20	20	100	40
4.7.4 T	Pharmacology-IV	3	3	3	60	24	1.5	20	20	100	40
4.7.4 P	Pharmacology-IV	3	2	4	60	24	3	20	20	100	40
4.7.5 T	Natural Drug Technology	3	3	3	60	24	1.5	20	20	100	40
4.7.5 P	Natural Drug Technology	3	2	4	60	24	3	20	20	100	40
4.7.6 T	Bio-pharmaceutics & Pharmacokinetics	3	3	3	60	24	1.5	20	20	100	40
4.7.7 T	Pharmaceutical Jurisprudence	3	3	3	60	24	1.5	20	20	100	40

Total Credits = 31

Semester-VIII

Class- Final Yr. B. Pharmacy

Subject Code	Subject	Scheme of Teaching Hrs/Weeks	Scheme of Credit	End Semester Examination			Internal Examination			Total Maximum Marks for subject	Minimum marks for passing subject
				Duration (Hours)	Maximum marks	Min for passing	Duration (Hours)	Maximum marks	Continuous Assessment marks		
4.8.1 T	Advanced Drug Delivery System	3	3	3	60	24	1.5	20	20	100	40
4.8.1 P	Advanced Drug Delivery System	3	2	4	60	24	3	20	20	100	40
4.8.2 T	Cosmetic science	3	3	3	60	24	1.5	20	20	100	40
4.8.2 P	Cosmetic science	3	2	4	60	24	3	20	20	100	40
4.8.3 T	Pharmaceutical Analysis-VI	3	3	3	60	24	1.5	20	20	100	40
4.8.3 P	Pharmaceutical Analysis-V I	3	2	4	60	24	3	20	20	100	40
4.8.4 T	Medicinal Chemistry-IV	3	3	3	60	24	1.5	20	20	100	40
4.8.4 P	Medicinal Chemistry-IV	3	2	4	60	24	3	20	20	100	40
4.8.5 T	Pharmacology-V(Including Biostatistics)	3	3	3	60	24	1.5	20	20	100	40
4.8.5 P	Pharmacology-V(Including Biostatistics)	3	2	4	60	24	3	20	20	100	40
4.8.6 T	Natural Products: Commerce, Industry & Regulations	3	3	3	60	24	1.5	20	20	100	40
4.8.7 T	Quality Assurance Tech.	3	3	3	60	24	1	20	20	100	40

Total Credits = 31

B. PHARMACY PATTERN 2018

EVALUATION GUIDELINES FOR INTERNAL ASSESSMENT (B. PHARMACY):

Internal asesment: Continuous mode

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

Theory		
Criteria	Maximum Marks	
Attendance	4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	3	1.5
Student – Teacher interaction	3	1.5
Total	10	5
Practical		
Attendance	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

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

Sessional Exams

Two Sessional exams are conducted for each theory / practical course as per the schedule fixed by the college. 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.



Question paper pattern for theory Sessional examinations

For subjects having University examination

I. Multiple Choice Questions (MCQs)	=	10 x 1 = 10
OR		OR
Objective Type Questions (5 x 2)	=	05 x 2 = 10
(Answer all the questions)		
I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. 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



Tables-X: Schemes for internal assessments and end semester examinations semester wise

Semester I

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous 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
BP106RBT BP106RMT	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
BP112RBP	Remedial Biology – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75 ^{\$} /80 [#]	115/125 ^{\$} /130 [#]	23/24 ^{\$} /26 [#] Hrs	185/200 ^{\$} /210 [#]	490/525 ^{\$} / 540 [#]	31.5/33 ^{\$} / 35 [#] Hrs	675/725 ^{\$} / 750 [#]

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

^{\$}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
		Continuous 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	PhysicalPharmaceuticsI –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 PharmacyI– 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 PharmacyI– 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 – 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	Pharmaceutical Marketing – 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 Standardization of Herbals – Theory							
BP807ET	Computer Aided Drug Design – Theory							
BP808ET	Cell and Molecular Biology – Theory							
BP809ET	Cosmetic Science – Theory							
BP810ET	Experimental Pharmacology – Theory							
BP811ET	Advanced Instrumentation Techniques – Theory							
BP812PW	Project Work	-	-	-	-	150	4 Hrs	150

Total	40	60	4 Hrs	100	450	16 Hrs	550
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MASTER OF PHARMACY COURSE STRUCTURE
SPECIALIZATION : QUALITY ASSURANCE
TECHNIQUES

Paper

Sem. No	Paper	Scheme of Teaching Hrs/Weeks		Scheme of Credit		Scheme of Examination Theory			Practical			Total (Including 50 marks of Internal assessment)
		Theory	Practical	Theory	Practical	Hrs.	Marks		Hrs.	Marks		
						UE	UE	IE	UE	UE	IE	
I	M Advanced Analytical Techniques	4	8	4	4	3	50	50	8	50	50	200
	M-2 Research Methodology	4		4		3	50	50				100
	M-I-1 Advanced Quality Assurance Techniques (CGMP & Documentation)	4	8	4	4	3	50	50	8	50	50	200
	M-I-2 Elective-I	3		3		3	50	50				100
	Seminar				2			50				50
II	M-I-3 Pharmaceutical Validation	4	8	4	4	3	50	50	8	50	50	200
	M-3 Drug Regulatory Affairs	4		4		3	50	50				100
	M-I-4 Quality Planning and Analysis	4		4		3	50	50				100
	M-I-5 Elective-II	3		3		3	50	50				100
	Seminar		4		2			50				50
	Research work		12		6			50				50
III	Seminar on Research Envisaged for Dissertation				4		50					50
	Seminar on recent trends in Quality Assurance Techniques				4			50				50
	Research work		36		18			150				150
IV	Seminar on Dissertation				4		50					50
	Research work		36		18		150					150
	Dissertation & Defense (viva/voce)			5			100					100
			Total	30	70					Grant Total		1800
		Total Credits = 100										

M. PHARMACY PATTERN 2018

ASSESSMENT PROCESS FOR M. PHARM (QUALITY ASSURANCE)

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

Scheme for awarding internal assessment: Continuous mode

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

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

Sessional Exams

Two sessional exams are conducted for each theory / practical course as per the schedule fixed by the college. The scheme of question paper for theory and practical sessional examinations is given in the table. The sessional exam will be conducted for 30 marks and computed for 15 marks. The average marks of two sessional exams shall be computed for internal assessment as per the requirements given in tables.

Scheme for theory Sessional examination

I. Objective Type questions (solve 5 out of 7)	5 X 2=10
II. Short answer questions (solve 2 out of 3)	2 X 5=10
III. Long answer questions (solve 1 out of 2)	1 X 10=10
Total Marks= 30	

Scheme for Practical Sessional examination

I. Synopsis	05
II. Experiment(s)	20
III. Viva voce	05
Total Marks= 30	

**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	Sessional Exams		Total	Marks	Duration	
		Mode	Marks	Duration				
SEMESTER I								
MPAT101T	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
MQA1 04T	Product Developmentand Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MQA1 05P	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
MQA2 03T	Auditsand Regulatory Compliance	10	15	1 Hr	25	75	3 Hrs	100
MQA2 04T	Pharmaceutical Manufacturing Technology	10	15	1 Hr	25	75	3 Hrs	100
MQA2 05P	Pharmaceutical Quality Assurance Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

ACADEMIC CALENDAR

(June 2020-May 2021)

**Name of the Institute: PRES'S, College of Pharmacy (For Women), Chincholi,
Nashik**

Week No.	Months	Week Days						No. of Working Days	Events
		Mon	Tue	Wed	Thur	Fri	Sat		
1	Jun-20	15	16	17	18	19	20	5	15-Reopening of Sem. III, V, VII & M. Pharm III, 15 to 19- Regular Lectures of III, V, VII & M. Pharm III
2		22	23	24	25	26	27	6	21-Yoga Day, 22 to 27-Regular Lectures of III, V, VII & M. Pharm III
3		29	30					2	30-Teaching Staff Meeting, 29 to 30-Regular Lectures of III, V, VII & M. Pharm III
4	Jul-20			1	2	3	4	3	3-Tree Plantation, 1 to 3-Regular Lectures of III, V, VII & M. Pharm III
5		6	7	8	9	10	11	6	6 to 11-Regular Lectures of V, VII & M. Pharm III 7- Guest lecture

									10-Guest lecture
6		13	14	15	16	17	18	5	17-Guest Lecture, 13 to 17-Regular Lectures of III, V, VII & M. Pharm III
7		20	21	22	23	24	25	6	Regular Lectures of III, V, VII & M. Pharm III 25-Guest Lecture
8		27	28	29	30	31		5	27-Guest Lecture, 31-Teaching Staff Meeting,
9							1	0	
10		3	4	5	6	7	8	6	3-Padmshree Vitthalrao Vikhe Patil Jayanti 4-Decalarations of Marks of First CIA 4 to 8-Regular Lectures of III, V, VII & M. Pharm III
11		10	11	12	13	14	15	5	15-Independence Day, 10 to 14-Regular Lectures of III,V, VII & M. Pharm III
12	Aug-20	17	18	19	20	21	22	6	18to22-Regular Lectures of III,V, VII & M. Pharm III 22-Ganesh idol making competition
13		24	25	26	27	28	29	6	24-29 First Sessional Exam for Sem. III, V, VII and M.Pharm
14		31						1	31-Teaching Staff Meeting, Commencement for Assessment of First Sessional Exam of Sem III, V & VII
15			1	2	3	4	5	4	1 to 4-Regular Lectures of III,V, VII & M. Pharm I III 5-Teachers day
16	Sept-20	7	8	9	10	11	12	6	7-Decalarations of Marks of First Sessional Exam. 11-Industrial Visit, 7 to 12-Regular Lectures of III,V, VII & M. Pharm III

									8-Webinar
17		14	15	16	17	18	19	5	14 to 18-Regular Lectures of I, III,V, VII & M. Pharm III 17-online Parents meet 17-18-National webinar
18		21	22	23	24	25	26	6	23-webinar 21 to 26-Regular Lectures of I, III,V, VII & M. Pharm III 25-Pharmacist day
19		28	29	30				3	28 to 30-Regular Lectures of I, III,V, VII & M. Pharm I & III 30-Teaching Staff Meeting
20	Oct-20				1	2	3	1	1-Regular Lectures of I, III,V, VII & M. Pharm III 2-Mahatma Gandhi Jayanti
21		5	6	7	8	9	10	6	5 to 10-Regular Lectures of I, III,V, VII & M. Pharm III
22		12	13	14	15	16	17	5	15-Vachan prerna Din 12 to 16-Regular Lectures of I, III,V, VII & M. Pharm III
23		19	20	21	22	23	24	6	19 to 24- Regular Lectures for Sem. I and M. Pharm. Sem. III
24		26	27	28	29	30	31	5	30-Id E Milad 26 to 31-Regular Lectures of III,V, VII & M. Pharm III
25	Nov-20	2	3	4	5	6	7	5	26 to 31-Regular Lectures of III,V, VII & M. Pharm III

26		9	10	11	12	13	14	4	13-21 Diwali Vaccations
27		16	17	18	19	20	21	0	13-21 Diwali Vaccations
28		23	24	25	26	27	28	6	Regular Lectures of III,V, VII & M. Pharm III 26-Constitution day
29		30						1	Regular Lectures of III,V, VII & M. Pharm III 30-6-Prelim for III,V,VII and M.Pharm IIIrd sem
30	Dec-20		1	2	3	4	5	4	30-6-Prelim for III,V,VII and M.Pharm IIIrd sem
31		7	8	9	10	11	12	6	Regular Lectures of III,V, VII & M. Pharm III
32		14	15	16	17	18	19	5	Regular Lectures of III,V, VII & M. Pharm III
33		21	22	23	24	25	26	5	25-Christmas Regular Lectures of III,V, VII & M. Pharm III
34		28	29	30	31			4	30- Death Anniversary of Hon Balasaheb Vikhe Patil 31- Teaching staff meeting Regular Lectures of III,V, VII & M. Pharm III
35	Jan-21					1	2	1	1-Reopening of Sem. IV,VI & VIII & M. Pharm IV
36		4	5	6	7	8	9	6	4-7-Online workshop
37		11	12	13	14	15	16	5	Regular Lectures of II, IV,VI, VIII.
38		18	19	20	21	22	23	6	18 to 23 Regular Lectures of II, IV,VI, VIII. & M. Pharm. Sem. III
39		25	26	27	28	29	30	5	26-Republic Day. 25 to 30 Regular Lectures of IV,VI, VIII. & M. Pharm. Sem. II
40	Feb-21	1	2	3	4	5	6	5	2 to 6 Regular Lectures of IV,VI, VIII. & M. Pharm. Sem. III

41		8	9	10	11	12	13	6	9 to 14 Regular Lectures of IV,VI, VIII. & M. Pharm Sem. III
42		15	16	17	18	19	20	4	15-Reopening of Ist sem and M.pharm Ist sem 19-Chhatrapati Shivaji Maharaj Jayanti. 16 to 20 Regular Lectures of I, IV,VI, VIII. & M. Pharm Sem. II
43		22	23	24	25	26	27	6	23 to 28 Regular Lectures of I, IV,VI, VIII. & M. Pharm Sem. I 23-Orientation Programme for M. Pharm Sem. I 27-Marathi Bhasha din
44	Mar-21	1	2	3	4	5	6	5	2 to 6 Regular Lectures of I, IV,VI, VIII. M. Pharm Sem. I
45		8	9	10	11	12	13	5	9-Holi 11-Mahashivratri, 9 to 14 Regular Lectures of I, IV,VI, VIII, M.Pharm Ist sem
46		15	16	17	18	19	20	5	22- GB and CDC meeting 16 to 20 Regular Lectures of I, IV,VI, VIII. M.Pharm Ist sem
47		22	23	24	25	26	27	6	22-27-Isem Sessional exam 23 to 28 Regular Lectures of I, IV,VI, VIII.
48		29	30	31				2	31-Teaching Staff Meeting. 30 & 31 Regular Lectures of II, IV,VI, VIII. M. Pharm Sem. I
49	Apr-21				1	2	3	1	2-Good Friday. 1 to 3 Regular Lectures of I, IV,VI, VIII. M. Pharm Sem. I
50		5	6	7	8	9	10	6	5-10- Ist sem second sessional exam 10-16-Semester exam of IIIrd sem

51		12	13	14	15	16	17	4	14-Dr. Babasaheb Ambedkar Jayanti. 15 to 16 Sessional practical Exam of Ist sem.
52		19	20	21	22	23	24	5	20- Second Sessional Exam for Sem. I,IV,VI, VIII & M.Pharm Sem. I 21- Shriram navmi 18-23-Semester exam of VIIth sem
53		26	27	28	29	30		4	29-End of Assessment of Second Sessional Exam. 27-Birth Anniversary of Hon.Vitthal rao vikhe Patil 30-Teaching Staff Meeting.
54	May-21						1	0	1-Maharashtra Din
55		3	4	5	6	7	8	6	5-Birth Anniversary of Hon.Balasaheb Vikhe Patil
56		10	11	12	13	14	15	5	10-15-Semester exam of Ist sem and M.Pharm Ist sem 14-Ramzan ED 11-Semester Exam of Sem. I, IV, VI & VIII
57		17	18	19	20	21	22	6	17 –Reopening of IInd Sem 21-25-Semester practical exam 16-19-Semester exam of Vth sem 18-Semester Exam of M. Pharm. Sem.III
58		24	25	26	27	28	29	5	26-Buddha poornima 29-Semester Practical Exam of M. Pharm Sem. III 30-Teaching Staff Meeting
59		31						1	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
60	Jun -21		1	2	3	4	5	4	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
61		7	8	9	10	11	12	6	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
62		14	15	16	17	18	19	5	14-19- Sessional Theory and Practical Exam of II,IV,VI,VIII and M.Pharm IInd Sem
63		21	22	23	24	25	26	6	21-26-Semester practical exam of II,IV,VI,VIIIth sem

64		28	29	30				3	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
65	JULY- 21				1	2	3	2	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
66		5	6	7	8	9	10	6	Regular lecture of II,IV,VI,VIII and M.Pharm IInd Sem
67		12	13	14	15	16	17	5	Semester exam of IV,VI,VIII
68		19	20	21	22	23	24	5	21-Bakri Ed
69		26	27	28	29	30	31	6	31 st -Teaching staff meeting
70	AUG- 21	2	3	4	5	6	7	5	Semester exam of II sem B.Pharm and M.Pharm IInd Sem
72		9	10	11	12	13	14	6	Semester exam of II sem B.Pharm and M.Pharm IInd Sem
		TOTAL						318	



Prepared By




Principal
College of Pharmacy, Chincholi
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Approved By



LOKMEET DR. BALASAHEB VIKHE PATIL
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PRAVARA RURAL EDUCATION SOCIETY'S
COLLEGE OF PHARMACY (FOR WOMEN)
NASHIK

EVALUATION OF INTERNAL CONTINUOUS ASSESSMENT

Year 2020-2021

Name of Subject: Cosmetic Science

Subject Code: 482T

Class: Final Year B. Pharmacy

Semester: VIII

Sr. No.	Date	Method of Assessment *	Maximum Marks
1		Sessional Exam	20
2		Assignment	10
3		Short Quiz_Testmoz	10
4			
Total Marks:			40

(* In- semester assessment will be of 40 marks which includes 20 marks for theory and practical Sessional and 20 marks for continuous assessment for theory and practical.

Minimum two procedures of examination for theory and practical continuous assessment should be selected from below:

- | | |
|---------------------------------------|---|
| 1. Written test and / or midterm test | 5. Short Quizzes |
| 2. Assignments | 6. Journal |
| 3. An open book test | 7. Term Paper |
| 4. Seminar presentation | 8. Mini research project (by individual learner or group of learners) |

REDMI NOTE 5 PRO

Page 1 of 4

MI DUAL CAMERA

Name of Subject Incharge: Dr. Sachin B. Somwanshi

Signature:

IN-SEMESTER ASSESSMENT SHEET 2021-21_Even Semester

Subject & Code: Cosmetic science 482T **Sem: VIII**

Sr. No.	Name of Student	Sessional Marks	Continuous assessment Marks (20 M)			Total	Signature of Student
			Assignment	Short Quiz			
		20 M	10 M	10 M	10 M	40 M	
1	Agrawal Shweta Rajanikant	17	9	6		32	
2	Ahire Kartika Shantaram	17	10	8		35	
3	Avhad Rutuja Khanderao	17	8	7		32	
4	Avhad Sonal Shivaji	17	9	5		31	
5	Awari Shraddha Uttam	17	9	7		32	
6	Bhabad Sonali Suryabhan	17	8	6		31	
7	Bhamare Ashwini Surendra	17	9	5		31	
8	Bidkar Mayuri Shantaram	17	10	9		35	
9	Bochare Puja Vinayak	17	9	9		35	
10	Bodke Aishwarya Sanjay	17	9	6		32	
11	Bodke Vrushali Balu	18	8	7		33	
12	Borade Vaishnavi Sopan	17	9	9		35	
13	Borse Swati Sahebrao	17	8	8		33	
14	Choudhari Dariyakumari M	17	8	7		32	
15	Donde Harsha Kailas	17	8	7		32	
16	Gaikwad Neha Balasaheb	16	9	6		31	
17	Gajare Swapnali Vikram	18	9	10		37	
18	Gavhane Komal Arun	17	9	5		31	
19	Ghegadmal Shivani Ashok	10	8	6		24	
20	Ghogare Rutuja	18	9	6		33	
21	Govardhane Sakshi Balu	16	9	7		32	
22	Handore Avantika Vasant	17	9	10		36	

Sr. No.	Name of Student	Sessional Marks	Continuous assessment Marks (20 M)			Total	Signature of Student
			Assignment	Short Quiz			
		20 M	10 M	10 M	10 M	40 M	
23	Jadhav Komal Vasantrao	17	9	8		34	
24	Jadhav Puja Satish	17	10	8		34	
25	Janmali Shweta Deepak	17	9	5		31	
26	Kadam Pranali Praveen	16	9	7		32	
27	Kadre Yogita Jitendra	18	9	9		36	
28	Kakade Aditi Sakharan	16	9	8		33	
29	Kale Komal Namdeo.	18	10	7		35	
30	Kale Shivani Sanjay	17	8	5		30	
31	Kangane Namrata Sudam	17	10	7		34	
32	Katore Varsha Sunil	17	9	5		31	
33	Khan Muskan Atique	17	8	8		33	
34	Khanal Vaishnavi Malhari	17	9	8		34	
35	Khule Vidya Govind	17	9	8		34	
36	Landge Akshada Sanjay	16	9	5		30	
37	Manje Snehal Vaibhav	17	9	6		32	
38	Matale Komal Haribhau	16	8	8		32	
39	Mhaske Bhagyashree Sanjay	17	9	7		33	
40	More Priya Sharad	17	9	5		31	
41	Pangale Varsha Sanjay	17	9	5		31	
42	Pardeshi Jagruti Chhagan	17	9	7		33	
43	Patil Namrata Prashant	15	9	5		29	
44	Pawar Pratiksha Dilip	17	10	7		33	
45	Rajad Shital Shamu	16	8	8		32	
46	Rathod Divya Ravindranath	17	9	8		34	



Sr. No.	Name of Student	Sessional Marks	Continuous assessment Marks (20 M)			Total	Signature of Student
			Assignment	Short Quiz			
		20 M	10 M	10 M	10 M	40 M	
47	Sadgir Urmila Rambhau	17	9	8		34	
48	Saindre Mayuri Shrihari	17	9	9		34	
49	Salve Tejal Sanjay	17	9	7		33	
50	Sanap Sonali Dagadu	17	8	8		33	
51	Sangale Yogita Amrutrao	18	9	7		34	
52	Sarde Bhakti Gahininath	17	9	7		33	
53	Shelke Vidhya Mangesh	13	8	7		28	
54	Shinde Kanchan Bhimrao	17	9	9		35	
55	Shinde Pratibha Sanjay	17	9	8		34	
56	Sakshi Mangesh Shinde	17	9	6		32	
57	Somwanshi Gayatri Sanjay	17	8	7		32	
58	Tajanpure Harshali Pandurang	12	9	7		28	
59	Temrikar Sana Sajjad	16	8	6		30	
60	Torane Apurva Pramod	17	8	5		30	
61	Vanhere Kajal Gopinath	17	9	6		32	
62	Vartak Manali	17	8	6		31	
63	Yadav Anjali Dinanath	16	9	7		32	
64	Jondhale Mayuri Ravi	14	9	6		29	

