

ORDINANCE-XXXIII

PROGRAMMES LEADING TO THE AWARD OF THE MASTER OF PHARMACY (M. PHARM.) DEGREE

1. Definitions of Key Words:

- 1.1. 'Academic Year':** Two consecutive (one odd + one even) semesters shall constitute one academic year.
- 1.2. 'Course':** Usually referred to as paper and is a component of a Programme. All courses need not carry the same weightage. A course may be designed to comprise lectures/tutorials/laboratory work/field work/outreach activities/ project work/ industrial/ vocational training/ viva/ seminars/ term papers/ assignments/ presentations/ self-study work, etc., or a combination of some of these.
- 1.3. 'Credit':** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work, per week.
- 1.4. 'Credit Point':** It is the product of the grade point and the number of credits for a course.
- 1.5. 'Credit-Based Semester System (CBSS)':** Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of the number of credits to be earned by the student.
- 1.6. 'Cumulative Grade- Point Average (CGPA)':** It is a measure for the cumulative performance of a student for cumulative semesters. The CGPA is calculated with the SGPA of all the IV semesters up to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses.
- 1.7. 'Grade Point':** It is a numerical weightage allotted to each letter grade.
- 1.8. 'Letter Grade':** It is an index of the performance of students in a said course. Grades are denoted by letters O, A, B, C, D, F, and AB which means a letter grade assigned to a student on the basis of evaluation of a course on a ten-point scale.
- 1.9. 'Programme':** An educational programme leading to the award of a Master of Pharmacy (M. Pharm.) Degree.
- 1.10. 'Pharmacy Council of India':** The Pharmacy Council of India (PCI) is the statutory body of government of India, also called as central council, constituted under the Pharmacy Act, 1948.
- 1.11. '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.

1.12. 'Semester Grade-Point Average (SGPA)': It is a measure of performance of the work done in a semester. The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester.

1.13. 'Transcript' / 'Grade- Card' or 'Certificate': Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with the SGPA of that semester and the CGPA earned till that semester.

1.14. 'University': University means the Central University of Haryana, Mahendergarh.

1.15. 'Vice-Chancellor': The Vice-Chancellor of the Central University of Haryana, Mahendergarh.

2. Eligibility for Admission:

"Eligibility for Admission to M. Pharm. Programme shall be as per the conditions prescribed by PCI as amended from time to time."

A candidate may be admitted to the first year / first semester of M. Pharm. programme if he/she has obtained a Bachelor's degree in Pharmacy provided that such a candidate has attained the minimum eligibility/qualification at the time of admission, as decided by the Pharmacy Council of India (PCI)/University from time to time. Currently the Eligibility for Admission as per PCI is:

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 four years of B. Pharm). Provided that-

- a. There shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration, as the case may be, from time to time.
- b. For SC/ST candidates the prescribed percentage of marks will be 50% of the maximum marks (aggregate of four years of B. Pharm).
- c. Every student, selected for admission to postgraduate pharmacy course in any of the pharmacy institution in the country should have obtained Registration with the State Pharmacy Council or should obtain the same within one month from the date of his admission, failing which the admission of the candidate shall be cancelled.

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 as prescribed from time to time by Pharmacy Council of India.

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/extracurricular 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 1. 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.

Table – 1: 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

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 shall be as prescribed by PCI from time to time.

The course of study for M. Pharm. specializations shall include Semester-wise Theory & Practical as prescribed by PCI from time to time. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that prescribed by PCI. A general structure, based on current PCI norms, has been shown in table 2-4.

Table – 2: Course of study for M. Pharm.

Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I				
Theory 1	4	4	4	100
Theory 2	4	4	4	100
Theory 3	4	4	4	100
Theory 4	4	4	4	100
Practical I	12	6	12	150
Seminar/Assignment	7	4	7	100
	35	26	35	650
Semester II				
Theory 5	4	4	4	100
Theory 6	4	4	4	100
Theory 7	4	4	4	100
Theory 8	4	4	4	100
Practical II	12	6	12	150
Seminar/Assignment	7	4	7	100
	35	26	35	650

Table – 3: Course of study for M. Pharm. III Semester

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

* Non-University Exam

Table – 4: Course of study for M. Pharm. IV Semester

Course	Credit Hours	Credit Points
Journal club	1	1
Research Work	31	16
Discussion/Final Presentation	3	3
	35	20

Table – 5: 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

- a. 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.
- b. 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.
- c. 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 sessional exam and before the end semester exam.

11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table-6,7.

11.1. End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to IV shall be conducted by the respective university except for the subject with asterix symbol (*) in table 2-4 for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables – 6: Schemes for internal assessments and end semester examinations for M.Pharm. (I and II semester)

Course	Internal Assessment				End Semester Exams		Total Marks
	Continuous Mode	Sessional Exams		Total	Marks	Duration	
		Marks	Duration				
Semester I							
Theory 1	10	15	1 Hr	25	75	3 Hr	100
Theory 2	10	15	1 Hr	25	75	3 Hr	100
Theory 3	10	15	1 Hr	25	75	3 Hr	100
Theory 4	10	15	1 Hr	25	75	3 Hr	100
Practical I	20	30	6 Hr	50	100	6 Hr	150
Seminar/Assignment	--	--	--	--	--	--	100
							650
Semester II							
Theory 5	10	15	1 Hr	25	75	3 Hr	100
Theory 6	10	15	1 Hr	25	75	3 Hr	100
Theory 7	10	15	1 Hr	25	75	3 Hr	100
Theory 8	10	15	1 Hr	25	75	3 Hr	100
Practical II	20	30	6 Hr	50	100	6 Hr	150
Seminar/Assignment	--	--	--	--	--	--	100
							650

**Tables – 7: Schemes for internal assessments and end semester examinations for
M.Pharm. (Semester III& IV)**

Course	Internal Assessment				End Semester Exams		Total Marks
	Continuous Mode	Sessional Exams		Total	Marks	Duration	
		Marks	Duration				
Semester III							
Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hr	100
Journal club	--	--	--	25	--	--	25
Discussion/ Presentation (Proposal Presentation)	--	--	--	50	--	--	50
Research Work	--	--	--	--	350	1 Hr	350
							525
Semester IV							
Journal club	--	--	--	25	--	--	25
Research Work	--	--	--	75	--	--	75
Discussion/Final Presentation	--	--	--	--	400	1 Hr	400
							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 – 8: Scheme for awarding internal assessment: Continuous mode

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 9)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 9)	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

Table – 9: 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. Re-examination of end semester examinations

Re-examination of end semester examination shall be conducted as per the schedule given in table 10. The exact dates of examinations shall be notified from time to time.

Table – 10: 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 fulfils 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 – 11.

Table – 11: 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 four 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:

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4G4}{C1 + C2 + C3 + C4}$$

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 AB grade awarded in that semester. For example, if a learner has a F or AB grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4*zero}{C1 + C2 + C3 + C4}$$

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:

$$\text{CGPA} = \frac{C1S1 + C2S2 + C3S3 + C4S4}{C1 + C2 + C3 + C4}$$

where C1, C2, C3, is the total number of credits for semester I, II, III, and S1, S2, S3, 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 fulfil 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/ Re-totalling of answer papers

There is no provision for revaluation of the answer papers in any examination. However, the candidates can apply for re-totalling 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.

27. Miscellaneous

27.1. Notwithstanding anything stated in this Ordinance, for any unforeseen issue arising, and not covered by this Ordinance, or in the event of any difference in interpretation, The Master of Pharmacy (M. Pharm) Course Regulations prescribed by the Pharmacy Council of India as amended from time to time shall be followed.

For any unforeseen issue arising, and not covered by the Pharmacy Council of India regulations, or in the event of any difference in interpretation, the Vice-Chancellor may take an appropriate decision.
