



ORDINANCE

FOR

MASTER OF PHARMACY (M. PHARM.) IN PHARMACY PRACTICE

**FACULTY OF PHARMACY
INTEGRAL UNIVERSITY
LUCKNOW**

W.E.F. SESSION 2025-26

**(BASED ON NOTIFICATION IN THE GAZETTE
OF INDIA No. 362, DATED DECEMBER 11, 2014)**

Ordinance for Master of Pharmacy (M. Pharm.) in Pharmacy Practice

1. Short Title and Commencement

These regulations shall be called as “Master of Pharmacy (M. Pharm.) in Pharmacy Practice Degree Program - Credit Based Semester System (CBSS) of the Integral University, Lucknow” (M.Pharm-CBSS). This 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 M. Pharm. program in Integral University, Lucknow 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 Integral University, Lucknow.

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 course consists of lecture (L) and Practical (P) course consists of hours spent in the laboratory/hospital. 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/hospital) 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/hospital 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 by Integral University, Lucknow, 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, Practicals, Seminars, Assignments, Research work, Discussions with the supervisor, Research Audits, Journal club and Co-Curricular activities over the duration of four semesters. The credits are distributed semester-wise as shown in Table-5.

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 log book, research audit, and Dissertation shall be maintained by the department / teaching staff of respective courses.

9. Course of study

The Code for Pharmacy Practice specializations offered in M. Pharm. Program is as follows:

Table – 1: Code for M. Pharm. in Pharmacy Practice.

Specialization	Code
Pharmacy Practice	MPP

The course of study for M. Pharm. in Pharmacy Practice shall include Semester wise Theory & Practical as given in Table – 2 to 5. 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 4.

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

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPP101T	Clinical Pharmacy Practice	4	4	4	100
MPP102T	Pharmacotherapeutics-I	4	4	4	100
MPP103T	Hospital & Community Pharmacy	4	4	4	100
MPP104T	Clinical Research	4	4	4	100
MPP105P	Pharmacy Practice Practical I	12	6	12	150
-	Seminar/Assignment*	7	4	7	100
Total		35	26	35	650
Semester II					
MPP201T	Principles of Quality Use of Medicines	4	4	4	100
MPP202T	Pharmacotherapeutics II	4	4	4	100
MPP203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	4	4	4	100
MPP204T	Pharmacoepidemiology & Pharmacoeconomics	4	4	4	100
MPP205P	Pharmacy Practice Practical II	12	6	12	150
-	Seminar/Assignment*	7	4	7	100
Total		35	26	35	650

**Table – 3: Course of study for M. Pharm. III Semester.
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
MRM301T	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 – 4: 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 – 5: 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 and refer Table 6 for Guidelines for Awarding Credit Points for Co-curricular Activities

Table – 6: 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 Office outside India.

*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the University and the same shall be submitted to the University. The criteria to acquire these credit points shall be defined by the University 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 sessional exam.

11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table – 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 University except for the subject with asterisk symbol (*) in the 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 – 7: Schemes for internal assessments and end semester examinations.

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPP101T	Clinical Pharmacy Practice	10	15	1 Hr	25	75	3 Hrs	100
MPP102T	Pharmacotherapeutics-I	10	15	1 Hr	25	75	3 Hrs	100
MPP103T	Hospital & Community Pharmacy	10	15	1 Hr	25	75	3 Hrs	100
MPP104T	Clinical Research	10	15	1 Hr	25	75	3 Hrs	100
MPP105P	Pharmacy Practice Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPP201T	Principles of Quality Use of Medicines	10	15	1 Hr	25	75	3 Hrs	100
MPP202T	Pharmacotherapeutics II	10	15	1 Hr	25	75	3 Hrs	100
MPP203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	10	15	1 Hr	25	75	3 Hrs	100
MPP204T	Pharmacoepidemiology & Pharmacoeconomics	10	15	1 Hr	25	75	3 Hrs	100
MPP205P	Pharmacy Practice Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables –8: 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* (Department Research Audit)	-	-	-	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 – 9: Scheme for awarding internal assessment: Continuous mode.

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 10)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 10)	10
Practical Record	05
Regular Viva voce etc.	05
Total	20

Table – 10: 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 University. 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 7 – 10.

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 a minimum of 50% of marks 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. Schedule for end semester examinations

The end semester examinations shall be conducted as per the schedule given in Table – 11. The exact dates of examinations shall be notified from time to time.

Table – 11: 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 course of IV semester examination 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 – 12.

Table – 12: 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, C4 and C5 and the student's grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

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 F or AB grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4 * \text{ZERO} + C5G5}{C1 + C2 + C3 + C4 + C5}$$

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

The internal and external examiners 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 / 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 the 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. Bed Strength in Clinical Departments

A department to be recognised for training of postgraduate students in Pharmacy Practice shall provide adequate clinical training facilities in a hospital.

The details of the facilities required include the following:

- a) **Hospital Posting** - every student shall be **posted** in constituent hospital for a period of **not less than fifty hours** to be covered in not less than **200 working days** in each year of the course. Each student shall submit report duly certified by the preceptor and duly attested by the Head of the Department or Institution as prescribed. In the second

year, every student shall **spend half a day in the morning hours attending ward rounds** on daily basis as a part of their dissertation/Thesis work.

b) **Hospital Details** - The institution intending to impart M. Pharm. in Pharmacy Practise shall have

i. Their own hospital of minimum **300 beds**.

OR

Tie up with a teaching hospital recognised by the Medical Council of India or University, or a Government hospital not below the level of district headquarter hospital with 300 beds with clearly defined Memorandum of Understanding including housing pharmacy practice department with minimum carpet area of **30 square feet per student** along with consent to provide the professional manpower to support the programme.

OR

Tie up with a Corporate type hospital with minimum **300 beds** with clearly defined Memorandum of Understanding including housing pharmacy practice department with minimum carpet area of **30 square feet per student** along with consent to provide the professional manpower to support the programme.

ii. Number of institutions which can be attached to one hospital shall be **restricted to one** and also by the student pharmacist to **bed ratio of 1:10**.

28. Speciality

a) Tertiary care hospitals are desirable.

b) **Medicine [compulsory]**, and **any three specialization** of the following:—

1. Surgery
2. Pediatrics
3. Gynecology and Obstetrics
4. Psychiatry
5. Skin and VD
6. Orthopedics

29. Location of the Hospital

Within the same limits of Corporation or Municipality or within reasonable distance or Campus with Medical Faculty involvement as adjunct faculty.

30. Training Programme

- a. Postgraduate students shall maintain a **record (log) book** of the work carried out by them and the training programme undergone during the period of training including practicals, assignments and other training provided. The record books shall be checked and assessed by the faculty members imparting the training.
- b. Implementation of the training programmes for the award of degrees shall include **lectures, seminars, journal clubs, group discussions**, participation in **laboratory and experimental work** and involvement in **research studies** in the concerned speciality and exposure to the applied aspects of the subject relevant to the Pharmacy Practice.