SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University

PART- ONE

Thursday, the 13th February, 2025

DIRECTION

No. 12 / 2025 **Dated : 13/02/2025**

Subject : Examinations Leading to the Degree of भेषजी पारंगत (Master of Pharmacy) (Two year - Four Semester Degree Course) (Credit Based Semester System)(CBSS), Direction, 2025.

Whereas, Direction No.12 of 2013 , Direction No. 5 of 2014 & Direction No.28 of 2017 dated 13/7/2017 in respect of Examinations Leading to the भेषजी पारंगत (Master of Pharmacy) (Two year - Four Semester Degree Course), are in existence in the University.

AND

Whereas, Pharmacy Council of India, New Delhi has notified the Master of Pharmacy (M.Parm.) Course Regulation 2014 and prescribed the Scheme & syllabus for Master of Pharmacy courses vide letter No. date :- 14-136/2016-PCI 14-154/2015-PCI/53895-54431 dt. 21st Dec, 2016 and instructed to all University for implementation of the same and to submit compliance of implementation of Syllabus and Regulation Pharmacy Council of India

AND

Whereas, the Board of Studies in Pharmaceutical Sciences in its meeting held on 29.04.2017 has recommended the schemes, Syllabi and necessary provisions as given by PCI to be implemented from the academic session 2017-18.

AND

Whereas, Pharmacy Council of India, New Delhi has given permission to start Master of Pharmacy (M.Pharm.) Regulatory Affairs Course vide letter No. date :- 04/09/2024 , 414 th Ac 04/09/2024, and instructed to all University for implementation of the same from the Academic session 2024-25.

AND

Whereas, the Vice Chancellor has accepted the recommendations of Board of Studies in Pharmaceutical Sciences and recommended to the Academic Council for its approval under section 12(7) of Maharashtra Public Universities Act, 2016 on behalf of Faculty of Science & Technology.

AND

Whereas, the Academic Council in its meeting held on 06.06.2017 vide item No.43 has approved the recommendations of the faculty of Science & Technology.

AND

Whereas, the above Scheme and draft provisions are to be incorporated in the Ordinance/Regulation and. Syllabus for Master of Pharmacy are to be implemented from the Academic Session 2017-18.

AND

Whereas, the Govt. of Maharashtra has given permission to start Master of Pharmacy (M.Pharm.) Regulatory Affairs Course vide Govt. Resolution dated 30/09/2024 and whereas the university has granted affilation vide notification no. 130/2024 dated 11/10/2024

AND

Whereas, the Board of Studies in Pharmaceutical Sciences in its meeting held on 30.01.2025 has recommended the schemes, Draft Syllabi and necessary provisions as given by PCI to be implemented from the academic session 2024-25.

AND

Whereas, the Vice Chancellor has accepted the recommendations of Board of Studies in Pharmaceutical Sciences and recommended to the Academic Council for its approval under section 12(7) of Maharashtra Public Universities Act, 2016 on behalf of Faculty of Science & Technology on dt.------/02/2025.

AND

Whereas it is necessary to issue a fresh Ordinance/ Direction by incorporating the provisions pertaining to M.Pharm.(Regulatory Affairs) and also to enclose the Scheme of teaching , learning, Examination & evaluation.

AND

Whereas, the above Schemes and provisions are to be Regulated by framing the Ordinance.

AND

Whereas, making Ordinance is a time consuming process.

Now, therefore, I, Dr.Milind Barhate, Vice-Chancellor, Sant Gadge Baba Amravati University, Amravati in exercise of powers conferred upon me under sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016, do hereby direct as under-

1. This Direction may be called "Examinations Leading to the Degree of भेषजी पारंगत (Master of Pharmacy) (Two year - four Semester Degree Course) (Credit Based Semester System)(CBSS.), Direction, 2025".

2. The Direction No.28 of 2017 dated 13/7/2017 had already came into force w.e.f. the Academic session 2017-2018 for specialization of 6 programme of M.Pharm. and Now this Direction will be come into force from Academic session 2024-2025 by adding the provisions pertaining to M.Pharm.(Regulatory Affairs).

3. Eligibility Criteria :

A) Semester- I, For admission in first M.Pharm. candidate shall have passed not less than one academic year previously the B.Pharm examination of this university or of any other university recognised as equivalent there to and shall have prosecuted regular course of study in the department/college as prescribed in this direction. Provided that the candidate shall have passed the final B.Pharm examination by securing not less than 50% marks or its equivalent grade point in C.G.P.A. for SC/ST category and 55% marks or its equivalent grade point in C.G.P.A. for others."

OR

The norms laid down by director of technical education Mumbai, Govt. of Maharashtra from time to time.

B) Every student, selected for admission to post graduate pharmacy programming 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 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.)

4. 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.

5. There shall be four examinations leading to the Degree of भेषजी पारंगत (Master of Pharmacy) namely the first semester examination at the end of first semester, second semester examination at the end of second semester, third semester examination at the end of third semester and Final semester examination at the end of fourth semester.
The duration of each semester shall be of six months.

A) The Master of Pharmacy First, Third Semester Examination shall be held in winter, and the Second and Fourth semester examination in summer at such places and on such dates as may be fixed by the Borad of Examinations. Subject to the compliance with the provisions of this Direction and of other ordinances in force from time to time.

B) The Final M.Pharm. (Semester-III & IV) Examinee shall have satisfactorily completed Ist and IInd Semester i.e. the First M.Pharm. Examination of this university, and shall have prosecuted a regular course of study in the Department/College as prescribed in this Direction. An applicant for the examination to the Final M.Pharm. (Semester-III & IV) shall not be allowed to take the examination if he/she fails to submit his/her dissertation on or before the 20th December or 31st May of the calendar year in which he/she has to take the examination.

6. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

7. 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.

8. 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.

9. 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 a 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.

9.1. Credit assignment

9.1.1. Theory and Laboratory courses

Courses are broadly classified as Theory and Practical Theory courses consist of lecture (L) and Practical (P) course consist of hour 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 hour shall be multiplied by 1/2. Similarly, the contact hours of journal Club, research work presentations and discussions with the supervisor shall be consider as theory course and multiplied by 1.

9.2. 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 in to 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-wises schedule of courses given in the syllabus.

10. 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.

11. 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.	Quality Assurance	MQA
5.	Pharmacology	MPL
6.	Pharmacognosy	MPG
7	Regularatory Affairs	MRA

The course of study for M. Pharm specializations shall include Semester wise Theory & Practical as given in Table – 2 to 07. 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 07.

Appendix-A

Scheme of Teaching for M. Pharm. Course.

Table-2: Course of Study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit hours	Credit Points	Hrs/wk	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	Cosmetics 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-3: Course of Study for M. Pharm. (Industrial Pharmacy)

Course Code	Course	Credit hours	Credit Points	Hrs/wk	Marks
	Semester-I				
MIP101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MIP102T	Pharmaceutical Formulation Development	4	4	4	100
MIP103T	Novel Drug Delivery System	4	4	4	100
MIP104T	Intellectual Property Rights	4	4	4	100
MIP105P	Industrial Pharmacy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**
	Semester-II				
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	4	4	4	100
MIP202T	Scale up and Technology Transfer	4	4	4	100
MIP203T	Pharmaceutical Production Technology	4	4	4	100
MIP204T	Entrepreneurship Management	4	4	4	100
MIP205P	Industrial Pharmacy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

Table-4: Course of Study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit hours	Credit Points	Hrs/wk	Marks
	Semester-I				
MPC101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC102T	Advanced Organic Chemistry-I	4	4	4	100
MPC103T	Advanced Medicinal Chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**
	Semester-II				
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry-II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical - II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

Table-5: Course of Study for M. Pharm. (Quality Assurance)

Course Code	Course	Credit hours	Credit Points	Hrs/wk	Marks
	Semester-I				
MQA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control & 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-6: Course of Study for M. Pharm. (Pharmacology)

Course Code	Course	Credit hours	Credit Points	Hrs/ wk	Marks
	Semester-I				
MPL101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL102T	Advance Pharmocology -I	4	4	4	100
MPL103T	Pharmocological and Toxicological Screening Methods- I	4	4	4	100
MPL104T	Cellular and Molecular Pharmocology	4	4	4	100
MPL105P	Pharmocology Practical - I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

	Semester-II				
MPL201T	Advance Pharmocology - II	4	4	4	100
MPL202T	Pharmocological and Toxicological Screening Methods- II	4	4	4	100
MPL203T	Principles of Drug Discovery	4	4	4	100
MPL204T	Experimental Pharmacology Practical -II	4	4	4	100
MPL205P	Pharmacology Practical -II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

Table-7: Course of Study for M. Pharm. Pharmacognosy)

Course Code	Course	Credit hours	Credit Points	Hrs/ wk	Marks
	Semester-I				
MPG101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy -I	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognosticals Technology	4	4	4	100
MPG105P	Phamacognosy Practical - I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**
	Semester-II				
MPG201T	Medical Plant Biotechnology	4	4	4	100
MPG202T	Advanced Pharmacognosy -II	4	4	4	100
MPG203T	Indian System of Medicine	4	4	4	100
MPG204T	Herbal Cosmetics	4	4	4	100
MPG205P	Phamacognosy Practical - II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

Table-8: Course of Study for M. Pharm. (Regulatory Affairs)

Course Code	Course	Credit hours	Credit Points	Hrs/ wk	Marks
	Semester-I				
MRA101T	Good Regulatory Practices	4	4	4	100
MRA 102T	Documentation and Regulatory Writing	4	4	4	100
MRA 103T	Clinical Research Regulations	4	4	4	100
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	4	4	4	100
MRA 105P	Regulatory Affairs Practical 1	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**
	Semester-II				
MRA 201T	Regulatory Aspects of Drugs & Cosmetics	4	4	4	100
MRA 202T	Regulatory Aspects of Herbal & Biologicals	4	4	4	100
MRA 203T	Regulatory Aspects of Medical Devices	4	4	4	100
MRA 204T	Regulatory Aspects of Food & Nutraceuticals	4	4	4	100
MRA 205P	Regulatory Affairs Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	**35**	**26**	**35**	**650**

Table-9: Course of Study for M. Pharm. III Semes
(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-10: Course of Study for M. Pharm. IV Semester
(Common for all Specializations)

-	Journal Club	1	1
-	Research Work	31	16
-	Discussion / Final Presentation	3	3
	Total	**35**	**20**

Table-11: Semester wise Credit Distribution

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

Table–12: 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.

12. Program Committee

1. The M. Pharm. programme shall have Programme a 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 academic matters.
v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sectional exam and before the end semester exam.

13. **Examinations/Assessments**

The schemes for internal assessment and end semester examinations are given in **Table–11**.

13.1**. 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.

13.2. Internal assessment: Continuous mode

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

Table–13: Scheme for awarding internal assessment Continuous mode

Theory	
Criteria	**Maximum Marks**
Attendance (Refer Table - 28)	08
Student – Teacher interaction	02
Total	10
Practical	
Attendance (Refer Table - 28)	10
Based on Practical Records, Regular Viva voce, etc	10
Total	20

Table–14: 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

13.2.1 Sessional Exams

Two Sessional Exams shall be conducted for each theory and on sessional exam for 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 in theory come shall be computed for international assessment as per the requirement given in table.

14. 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.

15. Carry forwarded of marks.

In case a student's 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 examinations 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.

16. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only ones 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.

17. An applicant for the examination to the final M.Pharm. (Semester. III & IV) shall not be allowed to take the examination if he/she fails to submit his/her dissertation on or before the 20th December on 31st May of the calendar year in which he/she has to take the examination

18. Re-examination of end semester examination

Re-examination of end semester examination shall be conducted as per the schedule given in table No. 29. The exact date of examinations shall be notified from time to time.

Table No. 15 : Tentative schedule of end semester examination

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

19. Allowed to keep terms (ATKT) :

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

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

A student shall be eligible to get his/her CGPA upon successful completion of the course of I to IV semester 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 course in any semester.

20. Grading of performances

20.1. Letter grades and grade points allocations

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

Table – 16: 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 A B and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

21. The semester grade point (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 the grade points obtaining all the course by the student during the semester. For example, if a student take five courses (Theory/ Practical) in a semester with credit C1,C2,C3 and C4 and students grade points in these courses are G1,G2,G3 and G4 respectively, and then students SGPA in equal to:

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

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 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:

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

22. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semester to two decimal points and is indicated in final grade report card/final transcript showing the grade of all IV semesters and there courses. The CGPA shall reflect the failed statusion case of F grade (S), till the course (S) is/are passed. When the course (S) is/are passed by obtaining a passed grade on subsequent examinations (S) the CGPA shall only reflect the new grade and not the fail grade earned earlier. The CGPA is calculated as :

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

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, ...

23. 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

24. 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 project shall be evaluated as per the criteria given below.

Evaluation of Dissertation Books:

Objective (S) of the work done 50 Marks
Methodology adopted 150 Marks
Results and discussions 250 Marks
Conclusion and outcomes 50 Marks

Total 500 Marks

Evaluation of presentation

Presentation of work 100 Marks
Communication Skills 50 Marks
Question and answer Skill 100 Marks

Total 250 Marks.

25. Award of Ranks

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

26. Award of Degree

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

27. 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 student have to pass within the said period; otherwise they have to gate fresh registration.

28. 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 condo nation fee.

29. Schemes of Examinations for M. Pharm. Semester-I to IV (All Specializations)

Table-17 : Schemes for internal assessment and end semester Examination

(Pharmaceutics-MPH)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	2	3	4	5	6	7	8	9
	Semester-I							
MPH101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

	Semester-II							
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH202T	Advanced Biopharmaceutics and Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH204T	Cosmetic & Cosmeceuticals	10	15	1 Hr	25	75	3 Hrs	100
MPH105P	Pharmaceutics Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-18 : Schemes for internal assessment and end semester Examination (Industrial Pharmacy - MIP)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	**2**	3	4	5	6	7	8	9
	Semester-I							
MIP101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MIP102T	Pharmaceutical Formulation Development	10	15	1 Hr	25	75	3 Hrs	100
MIP103T	Novel Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MIP104T	Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MIP105P	Industrial Pharmacy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650
	Semester-II							
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MIP202T	Scale up and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MIP203T	Pharmaceutical Production Technology	10	15	1 Hr	25	75	3 Hrs	100
MIP204T	Entrepreneurship Management	10	15	1 Hr	25	75	3 Hrs	100
MIP205P	Industrial Pharmacy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-19 : Schemes for internal assessment and end semester Examination (Pharmaceutical Chemistry - MPC)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	**2**	3	4	5	6	7	8	9
	Semester-I							
MPC101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPC102T	Advanced Organic Chemistry-I	10	15	1 Hr	25	75	3 Hrs	100
MPC103T	Advanced Medicinal Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC104T	Chemistry of Natural Products	10	15	1 Hr	25	75	3 Hrs	100
MPC105P	Pharmaceutical Chemistry Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment							100
							Total	650
	Semester-II							
MPC201T	Advanced Special Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry-II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer Aided Drug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutical Process Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutical Chemistry Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-20 : Schemes for internal assessment and end semester Examination
(Quality Assurance - MQA)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	2	3	4	5	6	7	8	9
	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

Table 21 : Schemes for internal assessment and end semester Examination
(Pharmacology - MPL)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	2	3	4	5	6	7	8	9
	Semester-I							
MPL101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPL102T	Advanced Pharmacology-I	10	15	1 Hr	25	75	3 Hrs	100
MPL103T	Pharmacological and Toxicological Screening Methods-I	10	15	1 Hr	25	75	3 Hrs	100
MPL104T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hrs	100
MPL105P	Pharmacology I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650
	Semester-II							
MPL201T	Advanced Pharmacology-II	10	15	1 Hr	25	75	3 Hrs	100
MPL202T	Pharmacological and Toxicological Screening Methods-II	10	15	1 Hr	25	75	3 Hrs	100
MPL203T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL204T	Experimental Pharmacology Practical II	10	15	1 Hr	25	75	3 Hrs	100
MPL205P	Pharmacology Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-22 : Schemes for internal assessment and end semester Examination
(Pharmacognocy - MPG)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	2	3	4	5	6	7	8	9
	Semester-I							
MPG101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPG102T	Advanced Pharmacognocy-I	10	15	1 Hr	25	75	3 Hrs	100
MPG103T	Phytochemistry	10	15	1 Hr	25	75	3 Hrs	100
MPG104T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100
MPG105P	Pharmacognocy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment							100
							Total	650
	Semester-II							
MPG201T	Medical Plant Biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPG202T	Advanced Pharmacognocy-II	10	15	1 Hr	25	75	3 Hrs	100
MPG203T	Indian System of Medicine	10	15	1 Hr	25	75	3 Hrs	100
MPG204T	Herbal Cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MPG205P	Pharmacognocy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-23 : Schemes for internal assessment and end semester Examinations
(Regulatory Affairs - MRA)

Course Code	Name of the Course	Internal Assessment				End Semester Exams.		Total Marks
		Continuous Mode	Sessional Exams.		Total	Marks	Duration	
			Marks	Duration				
1	**2**	3	4	5	6	7	8	9
	Semester-I							
MRA101T	Good Pharmaceutical Practices	10	15	1 Hr	25	75	3 Hrs	100
MRA 102T	Documentation and Regulatory Writing	10	15	1 Hr	25	75	3 Hrs	100
MRA 103T	Clinical Research Regulations	10	15	1 Hr	25	75	3 Hrs	100
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MRA 105P	Pharmaceutical Regulatory Affairs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment							100
							Total	650
	Semester-II							
MRA 201T	Regulatory Aspects of Drugs & Cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MRA 202T	Regulatory Aspects of Herbal & Biologicals	10	15	1 Hr	25	75	3 Hrs	100
MRA 203T	Regulatory Aspects of Medical Devices	10	15	1 Hr	25	75	3 Hrs	100
MRA 204T	Regulatory Aspects of Food & Nutraceuticals	10	15	1 Hr	25	75	3 Hrs	100
MRA 205P	5P Pharmaceutical Regulatory Affairs Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
							Total	650

Table-24 : Schemes for internal assessment and end semester Examination (Semester- III-IV)

(Common for all M. Pharm subjects)

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	1Hrs	25	75	3Hrs	10
-	Journal club	-	-	-	25	-	-	25
-	Discussion/Presentation (Proposal Presentation)	-	-	-	75	-	-	75
	Research Work	-	-	-	100			100
Total								300
SEMESTER IV								
	Journal club				25	-	-	25
	Discussion/Presentation (Proposal Presentation)	-	-	-	75	-	-	75
	Research Work and Colloquium	-	-	-	100	200	1Hrs	300
Total								400

*Non University Examination

30. The provisions of Direction No. 12/2013, Direction No. 5 of 2014 & Direction No.28 of 2017 dated 13/7/2017 will be applicable to students who have sought admission earlier and also will be applicable to the failure students of the said programme and will be repealed in a stagewise manner.

Sd/-
Dated : 06/02/2025
(Dr.Milind Barhate)
Vice-Chancellor,
Sant Gadge Baba Amravati University,
Amravati

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