

ORDINANCES 2.0

Bachelor of Pharmacy

(w.e.f. 2025-2026)



**MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY
GORAKHPUR-273010 (UP), INDIA**

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DISCLAIMER

Extrema care has been taken in the compilation of ordinances, course structures, and syllabi of different B.Pharm. program, in case of any dispute regarding the credits of any subjects, pre-requisite subjects given in the course structure, the pre-requisite subjects, and credits given in the syllabi of respective subjects and as available with the dean UGS office of the University will be final.

Therefore, Madan Mohan Malaviya University of Technology is not responsible for any typographical and advertant errors in the publication.

Approved and modified in a _____ meeting of the **Board of Management** held on _____

AND

In meetings of the **Academic Council** held on _____, and
..... respectively.

**MADAN MOHAN MALAVIYA UNIVERSITY OF
TECHNOLOGY GORAKHPUR (UP) - INDIA**

Second Ordinances

In pursuance of the provisions of section 31 of The Uttar Pradesh Madan Mohan Malaviya University of Technology Act, 2013, these are the second Ordinances for Madan Mohan Malaviya University of Technology, Gorakhpur.

SECOND ORDINANCES, 2025

Short title, commencement, and definitions Sec.31 (1)

1. These Ordinances may be called the Madan Mohan Malaviya University of Technology, Gorakhpur Second Ordinances, 2025.
2. They shall come into force in successive academic sessions as applicable.
3. Any thing contained in ordinances, regulations, and rules made there under in violation to provisions of the Act shall be void and the provisions of the Act shall prevail.
4. In these Ordinances, unless the context otherwise requires
 - (a) 'Act' means the Uttar Pradesh Madan Mohan Malaviya University of Technology Act, 2013 as amended from time to time.
 - (b) 'Section' means a section of the Act.
 - (c) 'University' means the Madan Mohan Malaviya University of Technology, Gorakhpur.
5. Words and expressions used herein but not defined and defined in the Act shall have the same meaning as assigned to them in the Act.
6. **UNDER SECTION 31(1)(a) - The admission of students, the courses of study and the fees therefore, the qualifications pertaining to the award of degrees, diplomas, certificates and other academic distinctions, the conditions for the grant of fellowships and awards and the like;**
 - (a) University may start the other Degree, Diploma, Certificate programs and other academic distinctions as deemed necessary for fulfilling its objectives and the Ordinances for the same shall be as prescribed by Academic Council and Board of Management.
 - (b) Courses of Study shall be as prescribed by Academic Council, and shall be approved by the Board of Management.
 - (c) Fellowships and Awards shall be instituted as per the requirement with the approval of Vice Chancellor under intimation to the Academic Council and the Board of Management.
 - (d) Ordinances for Bachelor of Pharmacy (B. Pharm.) and Ordinances for other degree programs as started from time to time shall be as prescribed by the Academic Council and the Board of Management.

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7. ORDINANCES FOR B. PHARM. PROGRAM FROM ACADEMIC SESSION 2025-26

7.1. ADMISSION

- (a) University offers full-time B. Pharm. Degree Program.
- (b) Admission to B. Pharm. first year in Semester 1st and lateral admission in B. Pharm. the second year in semester 3rd (for D. Pharm. candidates only) will be made as per the rules prescribed by the University from time to time.
- (c) The reservation policy as prescribed by U.P. Government or its directions regarding admission from time to time shall be adhered in the admission.
- (d) The selection will be based on the merit of the candidate in the admission process.
- (e) Admission on migration of a candidate from any other University/Institute based on Academic credit bank of Govt. of India and guidelines issued by PCI/AICTE/UP Govt/ Govt. of India.
- (f) If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission or has committed some fraudulent act or gross misconduct at any stage then the University reserves the right to revoke the admission of the candidate.

7.2. ELIGIBILITY FOR ADMISSION

7.2.1. For B. Pharm. First Year

Candidate shall have passed 10+2 examination with at least 55% marks (50% in case of candidate belonging to SC/ST category) conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by Universities with English as one of the subjects and Physics, Chemistry, Mathematics (PCM) and or Biology (PCB/PCMB) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

7.2.2. For B. Pharm. Second Year through Lateral Entry Scheme

Diploma holders: Passed Diploma in Pharmacy (D. Pharm.) with at least 60% marks (55% in case of candidates belonging to SC/ST category) from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act or any other eligibility criteria approved by the Board of Management (BOM) of the University.

7.2.3. University has the power to repeal and modify the eligibility criteria for admission in accordance with PCI, New Delhi.

8. PROGRAM DURATION

- (a) The duration of the B. Pharm. program for the candidates admitted in the semester I will be four academic years (eight semesters).
- (b) The duration of the B. Pharm. program for the candidates admitted in semester III will be three academic years (six semesters).
- (c) There are two regular semesters in a year. The semester that begins in July (July to November/December) is known as the Odd Semester and the semester that begins in December/January (December/January to May) is known as the Even Semester.
- (d) The duration of each semester will generally be 90-100 working days or as prescribed by the University from time to time.
- (e) The maximum time allowed for completion of the program for the candidates admitted in semester 1st /semester 3rd (for Lateral Entry) shall be eight/six years respectively, beyond which the admission of the candidate shall be automatically cancelled. Further one year extension may be given in special cases, after the approval from Academic Council. The candidate will not be allowed to continue in the subsequent years of the program, if the sufficient time period is not available for its completion in stipulated maximum duration.
- (f) The student may complete the program at a slower pace by taking more time but not more than prescribed maximum duration as per the provision of Clause 17.

9. CURRICULUM STRUCTURE OF THE PROGRAM

- 9.1. The University follows a specialized credit-based semester system. Every program will have a specific curriculum for all semesters (semester 1st to semester 8th) with a syllabi consisting of theory, practical, project work etc., as given below and shall be in accordance with the prescribed syllabus. The courses shall be covered through lectures, tutorials, laboratory classes, industrial and practical training, project, tours etc. as prescribed by the University.

The overall curriculum structure of the program consists of the following category of courses.

A. Core Courses (CC)

- (i) Basic Sciences & Maths (BSM)
- (ii) Engineering Fundamentals (EF)
- (iii) Professional Skill (PS)
- (iv) Professional Core (PC)
- (v) Management (M)
- (vi) Humanities & Social Science (HSS)
- (vii) Minor Project (P)
- (viii) Industrial Practice (IP) (In Industry) /Major Project (MP) (In University)

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B. Electives courses (EC)

(i) Professional Electives (PE)

C. Extracurricular Activities Courses (ECA)

Two compulsory courses should be clear from the following S.No. (ii) to (v).

- i. Induction Program (compulsory)
- ii. Skill development
- iii. Unity and Discipline (NCC or NSS)
- iv. Sports, Cultural and Games
- v. Personality Development

D. One Expert Lecture per semester for students is mandatory as a non-credit course. The PSMD, MSCD and CESD (with mutual consent) will organize the expert lecture for 1st year students. The respective department will manage expert lecture for 2nd year students. The T&P department will organize the expert lecture for 3rd year the students.

Each course is assigned a certain number of credits as follows:

- (a) 1 credit per lecture hour per week
- (b) 1 credit per tutorial hour per week
- (c) 1 credit per 2 hours laboratory/practice/project per week.

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise. Courses generally progress in sequences, 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. The lateral entry students shall get 52 credit points transferred from their D. Pharm. program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

(a) Industrial Training (Desirable)

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

(b) Practice School

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time. At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice

school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level and grade point shall be awarded.

S. N.	Assessment Basis	Duration	Marks
1.	Internal Continuous Assessment	--	25
2.	Major Examination	5 Hours	125

(c) Project work

All the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 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). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below-

S. N.	Assessment Basis	Duration	Marks
1.	Major Examination	4 Hours	150

Evaluation of Dissertation work:

Objective(s) of the work done:	15 Marks
Methodology adopted :	20 Marks
Results and Discussions :	20 Marks
Conclusions and Outcomes :	20 Marks
Total :	75 Marks

Evaluation of Presentation:

Presentation of work :	25 Marks
Communication skills :	20 Marks
Question and answer skills :	30 Marks
Total :	75 Marks

Explanation: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

d. Assessment

The theory and practical examinations shall comprise of continuous assessment throughout the semester in all courses and Major examination conducted by University at the end of the semester (November/December or May/June). The assessment of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain points, will be awarded as per the range of total marks obtained by the candidate. The rounding off shall be done on the higher side.

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Minor Examination: Minor Examination: The syllabus for Minor Test-1 will be from Unit 1 & Unit 2 and Minor Test-2 will be from Unit 3 & Unit 4, respectively. However, the Major examination will be conducted from the entire syllabus of the course. Two minor exams shall be conducted for each theory / practical course as per the schedule fixed by the university. Minor exam shall be conducted for 15 marks for theory, similarly minor exam for practical shall be conducted for 10 marks. The average marks of two minor exams shall be computed for internal assessment. Examination duration for theory examination is 1 hour. Minor marks for practical courses will be based on continuous evaluation, practical work, and viva voce.

Question paper pattern for theory Minor examinations

For subjects having University examination

I. Multiple Choice Questions (MCQs)	=	5 x 1 = 5
OR		OR
Very Short Answer Type Questions (5 x 1)	=	5 x 1 = 5
(Answer all the questions)		
II. Long Answers (Answer 1 out of 2)	=	1 x 5 = 5
III. Short Answers (Answer 2 out of 3)	=	2 x 2.5 = 5

		Total = 15 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

Major Examination: The major examinations for each theory and practical course through semesters I to VIII shall be conducted by the university. Examination duration for theory examination is 3 hours.

Question paper pattern for end semester Major theory examinations

For 75 marks paper

I. Multiple Choice Questions (MCQs)	=	20 x 1 = 20
OR		OR
Very Short Answer Type Questions (10 x 2)	=	10 x 2 = 20
(Answer all the questions)		
II. Long Answers (Answer 2 out of 3)	=	2 x 10 = 20
III. Short Answers (Answer 7 out of 9)	=	7 x 5 = 35

		Total = 75 marks

For 50 marks paper

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

		Total = 50 marks

For 35 marks paper

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

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Total = 35 marks

Assessment scheme for end semester Major practical examinations is as follows:

Synopsis	=	05 marks
Experiments	=	25 marks
Viva voce	=	05 marks

Total = 35 marks

9.2.Over all Credit Structure

CREDIT STRUCTURE FOR B. PHARM. (SESSION 2025-2026 AND ONWARDS)

OVERALL CREDIT STRUCTURE FOR BACHELOR OF PHARMACY

Credit Courses			
Undergraduate Core (UC)		Undergraduate Electives (UE)	
Category	Min. credits	Category	Min. credits
Basic Sciences & Maths (BSM)	5 ^s /6 [#]	Program Electives (PE)	8
Engineering Fundamentals (EF)	10		
Department Core (DC)	174		
Management (M)			
Humanities & Social Science Core (HSSC)	3		
Project (P)	12		
Total	204^s/205[#]	Total	8
		Grand Total	210/212^s/213[#]
Non credit courses			
Industrial/Practical Training during the summer break after fourth semester.			Non-credit
One Expert Lecture per semester for students (Mandatory). (BSM-1st year), (PC-2 nd Year), (T&P-3 rd Year)			Non-credit
Extracurricular/co curricular Activities Two compulsory courses should be clear from the following S.No. (ii) to (v). i. Induction Program (compulsory) ii. Skill development iii. Unity and Discipline (NCC or NSS) iv. Sports, Cultural and Games v. Personality Development			Non-credit

[#]applicable ONLY for the students who have Mathematics/Physics/Chemistry at HSC and appearing for Remedial Biology course

^sapplicable ONLY for the students who have studied Physics/Chemistry/Botany/Zoology at HSC and appearing for Remedial Mathematics Course

Each student has to register for a set of courses as offered by his/her department in each semester by paying the stipulated fees, which include tuition fee, examination fee, enrolment fee, development fee, insurance fee, degree fee, alumni fee, internet charges, hostel fee, mess

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advance, miscellaneous user charges etc. as applicable from time to time.

10. Extracurricular Activities Courses (ECA)

- a. Induction Program (compulsory) The Induction program will be organized by office of the Dean of Student Affairs (DSA).
- b. Two compulsory non-credit courses: Two compulsory courses from the following S.No (1) to (4) non-credit courses:
 1. Skill development
The skill activities (Art, literary, painting, drama, etc.) will be carried out beyond class hours. These activities will be managed by the Chairman CSA.
 2. Unity and Discipline (NCC or NSS)
These are normally conducted during evenings of week days or Sunday and are designed for character building and to sensitize the students towards social/national issues. These activities carry no credit and a student should satisfactorily complete the prescribed NCC/NSS program by securing 'S' grade as prescribed in Clause 11.1.
 3. Sports and Games/Cultural and Literary
The other ECA activities will include Games/Sports/ Cultural/Literary/ Practical/Field Activities/ Industrial visit/ Extension Lectures. It will be carried out beyond class hours. These activities will be managed by the Chairman CSA.
 4. Personality Development
Personality Development (PD) will be coordinated by the Training and Placement (T&P) office.

Semester wise credits distribution

Semester	Credit Points
I	27/29 ^{\$} /30 [#]
II	29
III	24
IV	28
V	26
VI	30
VII	24
VIII	22
Total credit points for the program	210/212 ^{\$} /213 [#]

* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Head of the Department 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.

\$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

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

11. GRADING SYSTEM AND ASSESSMENT PROCEDURE

11.1. Grading System

The academic performance evaluation of a student will be according to a letter grading system based on performance of students. The letter grades and the corresponding Grade Points are as follows:

(i) Absolute grading method

(ii) Relative grading method

In those courses, where the total number of students is upto 30, the results in Grades shall be prepared on the basis of the actual performance of the student in the percentage scale (Absolute grading method) and not on the basis of the formula approved for computation of grades (Relative grading method).

As per absolute grading method, grades falling between A⁺ to C in different courses are called pass grades, while the students securing F grade will be treated fail in the course and shall have to carry over or re-registered the semester as per provision of **Clause 17 & 21**.

Letter Grade	Grade Points	Description
A ⁺	10	Outstanding
A	9	Excellent
B ⁺	8	Very Good
B	7	Good
C	6	Average
F	0	Fail
W	-	Withdrawal
I	-	Incomplete
AP/AF	-	Audit Pass/Audit Fail
S/X	-	Satisfactory Completion/Not Satisfactory Completion
Z	-	Course Continuation

Grade Award System

Grade	Grade Points	Marks (in%)
A ⁺	10	90-100
A	9	80-89
B ⁺	8	70-79
B	7	60-69
C	6	50-59
F	0	<50

As per relative grading method, (i) The academic performance of a student shall be graded on a 10-point scale. For the award of grades in a course, all component-wise evaluation shall be done in marks. The marks of different components shall be reduced to relative weights of each component. Marks so obtained shall be out of 100 and the same shall be converted to grades.

(ii) The mean (\bar{x}) and the standard deviation (σ) of marks obtained of all the students in a course shall be calculated and used to convert the marks obtained (m) by a student into grades.

(iii) In case of any difficulty, the absolute grading method shall be used.

Letter grade	Numerical grade	Formula	Computation of the grade cutoff
A ⁺	10	$m \geq \bar{x} + 1.5\sigma$	The value of $\bar{x} + 1.5\sigma$ account for grade computation. The grade cut off will be $\bar{x} + 1.5\sigma$ or 90% Whichever is lower
A	9	$\bar{x} + 1.0\sigma \leq m < \bar{x} + 1.5\sigma$	The value of $\bar{x} + 1.0\sigma$ to be taken into account for grade computation. The grade cut off will be $\bar{x} + 1.0\sigma$ or 80% whichever is lower
B ⁺	8	$\bar{x} + 0.5\sigma \leq m < \bar{x} + 1.0\sigma$	The value of $\bar{x} + 0.5\sigma$ account for grade computation. The grade cut Off will be $\bar{x} + 0.5\sigma$ or 70% whichever is lower
B	7	$\bar{x} + 0.0\sigma \leq m < \bar{x} + 0.5\sigma$	The value of $\bar{x} + 0.0\sigma$ to be taken into account for grade computation. The grade cut off will be $\bar{x} + 0.0\sigma$ or 60% whichever is lower
C	6	$\bar{x} - 0.5\sigma \leq m < \bar{x} + 0.0\sigma$	The value of $\bar{x} - 0.5\sigma$ to be taken into account for grade computation. The grade cut off will be $\bar{x} - 0.5\sigma$ or 50% which ever is lower
F	0	$m < 50$	Less than 50%

The conversion formula for CGPA to Percentage marks is as follows:

$$\text{CGPA} \times 10 = \% \text{Marks}$$

12. Tests & Examinations

The theory and practical examinations shall comprise of continuous assessment throughout the semester in all courses and Major examination conducted by University at the end of the semester (November/December or April/May). The student's overall (Continuous Evaluation + Minor Examination + Major examination) attained percentage must be not less than 50% to clear the subject. The assessment of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain points, will be awarded as per the range of total marks (out of 100) obtained by the candidate, as detailed below. The rounding off shall be done on the higher side. The Evaluation scheme for all categories of courses will be as follows:

Category	L-T-P	Minor Test	Teacher assessment (TA)	Major Test	Subtotal
1	L-T-0	15	10	75	100
2	L-0-0	15/10	10/5	50/35	75/50
3	0-0-P	10	5	35	50

#TA includes quiz, tutorials, assignments, attendance etc.

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Note: The syllabus for Minor Test 1 will be from Unit 1 & Unit 2, and for Minor Test 2 will be from Unit 3 & Unit 4 respectively. However, the Major examination will be conducted from the entire syllabus of the course. The duration of minor test and major theory examination are 1 hour and 3 hours, respectively.

(a) Distribution of Marks for Theory subjects

S.N.	Assessment Basis		Duration	Marks
1.	Continuous Evaluation	Minor Test	1 Hour	15
2.		Tutorial/Assignment/Quiz/ Attendance (Teacher assessment)	-	10
	Major Examination		3 Hours	75

(b) Distribution of Marks for Practical subjects

S.N.	Assessment Basis		Duration	Marks
1.	Continuous Evaluation	Tutorial/Assignment/Quiz/ Attendance (Teacher assessment)	-	5
2.		Practical Work and viva	-	10
3.	Practical Exam		4 Hours	35

(c) Distribution of Marks for Remedial subjects and Communication skills theory

S. N.	Assessment Basis		Duration	Marks
1.	Continuous Evaluation	Minor Test	1 Hour	10
2.		Tutorial/Assignment/Quiz/ Attendance (Teacher assessment)	-	5
	Major Examination		1.5 Hours	35

(d) Distribution of Marks for Computer Application in Pharmacy-Theory and Environmental Sciences Theory subjects

S. N.	Assessment Basis		Duration	Marks
1.	Continuous Evaluation	Minor Test	-	10
2.		Tutorial/Assignment/Quiz/ Attendance (Teacher assessment)	-	15
3.	Major Examination		2 Hours	50

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(c) Distribution of Marks for Communication skills Practical, Remedial Biology Practical, Communication Skills Practical subjects

S. N.	Assessment Basis	Duration	Marks
1.	Continuous Evaluation	Tutorial/Assignment/Quiz/ Attendance (Teacher assessment)	5
2.		Practical Work and viva	5
3.	Practical Exam	2 Hours	15

(f) ECA Courses

01	S	Satisfactory
02	X	Not Satisfactory

13. CARRY OVER EXAMINATION

- Students with F grade in any course due to detainment in examination (attendance is less than 75% aggregate and less than 75% in the course) and the students who punished with UFM will be required to register for carryover examination (Major Examination) in the course and carry the minor examination marks in UFM case as it is.
- Students with F grade in any course (other than above in clause 12a) will be required to register for carry over examination in the course. The carry over Major examination can be conducted during the end of odd/even semesters.
- The grade obtained in the carryover examination will be lowered by one grade in that course but not below the C-grade, i.e., if a student obtains B⁺ grade in the carry over course the grade will be lowered to B for award. But if a student gets grade B or C only in carryover subject will be awarded C grade.
- Students who have missed the Minor Test Examination of a course due to medical reasons or other special circumstances may be considered for a Make-up Examination on the clear cut recommendations of HOD considering the merit of his/her case. The student shall make an application to the HOD, within ten working days from the date of the examination missed, explaining the reasons for his/her absence. Applications received after this period will not be entertained. The HOD shall forward all applications with his/her recommendations to COE who in turn shall seek approval from Hon'ble VC. Further, there will be no make-up of the Make-up Examinations.

14. EVALUATION OF PERFORMANCE

The performance of a student will be evaluated in terms of two indices, viz. the Semester Grade Point Average (SGPA) which is the Grade Point Average for a semester, and Cumulative Grade Point Average (CGPA) which is the Grade Point Average for all the completed semesters at any point in time considered cumulatively.

Points Secured in the Semester = $\sum (\text{Course Credits} \times \text{Grade Point})$ for courses in which A⁺ to D grade has been obtained

Total Credits Registered in the Semester Excluding ECA/Audit Courses = $\sum (\text{Course credits})$

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for courses in which A⁺ to C grade has been obtained

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A⁺ to C Grade)}}{\text{Total Credits registered in the semester excluding ECA and Audit courses}}$$

The CGPA is calculated on the basis of all pass grades, except ECA/Audit courses and courses in which S or Z grade is awarded/secured in all completed semesters.

Cumulative Points secured in All Passed Courses = \sum (Course Credits \times Grade Point)
for courses in which A⁺ to C grade is obtained

Cumulative Total Credits Excluding ECA/Audit Courses = \sum (Course credits) for courses in which A⁺ to C grade is obtained

CGPA = Cumulative Points secured in all passed courses (A⁺ to C Grade) / Cumulative total credits excluding ECA/Audit courses

An example of these calculations is given below.

ODD Semester

Course No.	Course Credit s	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX101	5	B	5	7	35
XX102	4	C	4	6	24
XX103	4	A ⁺	4	10	40
XX104	2	B ⁺	2	8	16
XX106	4	C	4	6	24
XX107	-	S	-	-	-
XX108 (AC)	2	AP/AF	-	-	-
XX109 (ECA)	-	S/X	-	-	-
Total	19		19		139

Credits registered in the semester excluding ECA/Audit courses (total of column 2) = 19

Total credits earned in the semester excluding ECA/Audit courses (total of column 4) = 19

Points secured in this semester (total of column 6 for all passed courses) = 139

$$SGPA * = \frac{\text{Points secured in the semester in all passed courses (A+ to C Grade)}}{\text{Total Credits registered in the semester excluding ECA and Audit courses}} = \frac{139}{19} = 7.315$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A+ to C Grade)}}{\text{Cumulative total credits, excluding ECA/Audit courses}} = \frac{139}{19} = 7.315$$

Semester performance: SGPA = 7.315

Cumulative performance: CGPA = 7.315

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B ⁺	5	8	40
XX152	4	A	4	9	36
XX153	4	F	-	0	0
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A ⁺	4	10	40
XX157	-	S	-	-	-
XX158(AC)	2	AP/AF	-	-	-
XX159(ECA)	-	S/X	-	-	-
Total	23		19		154

Credits registered in the semester excluding ECA/Audit courses (total of column 2) = 23
 Total credits earned in the semester excluding ECA/Audit courses (total of column 4) = 19
 Points secured in this semester (total of column 6 for all passed courses) = 154
 Cumulative points in all passed courses = 139 (past semesters) + 154 (this sem.) = 289
 Cumulative total credits registered = 19 (past semesters) + 23 (this sem.) = 42

$$SGPA * = \frac{\text{Points secured in the semester in all passed courses (A+ to C Grade)}}{\text{Total Credits registered in the semester excluding ECA and Audit courses}} = \frac{154}{23} = 6.695$$

$$CGPA * = \frac{\text{Cumulative Points secured in all passed courses (A+ to C Grade)}}{\text{Cumulative total credits excluding ECA/Audit courses}} = \frac{139+154}{19+23}$$

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=6.659

Semester performance: Tentative SGPA* = 6.695

Cumulative performance: Tentative CGPA* = 6.659

When a student gets the grade 'F' in any course during a semester, the SGPA and the CGPA from that semester onwards will be tentatively calculated [SGPA* and CGPA*] taking only 'zero point' for each such 'F' grade. After the 'F' grade(s) has/have been substituted by better grades during subsequent semester, the SGPA and the CGPA of all the semesters, starting from the earliest semester in which the 'F' grade has been updated, will be recomputed and recorded to take this change of grade into account.

If the student (as mentioned in above example) registers the failed course in the Carry over and clears it with "B" grade, its grade sheet will be:

Carry over Exam:

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX153	4	B→C	4	6	24

The revised grade sheet of even semester will now be re computed as

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B ⁺	5	8	40
XX152	4	A	4	9	36
XX153*	4	C	4	6	24
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A ⁺	4	10	40
XX157	-	S	-	-	-
XX158(AC)	2	AP/AF	-	-	-
XX159(ECA)	-	S/X	-	-	-
Total	23		19		178

*Grade awarded in Carryover

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Credits registered in the semester excluding ECA/Audit courses (total of column 2)	= 23
Total credits earned in the semester excluding ECA/Audit courses (total of column 4)	=19
Points secured in this semester (total of column 6 for all passed courses)	=178
Cumulative points in all passed courses=135 (past semesters) + 178 (this sem.)	=313
Cumulative total credits registered=19 (past semesters) + 23 (this sem.)	= 42

$$SGPA * = \frac{\text{Points secured in the semester in all passed courses (A+ to C Grade)}}{\text{Total Credits registered in the semester excluding ECA and Audit courses}}$$

$$= (178/23) = 7.739$$

$$CGPA * = \frac{\text{Cumulative Points secured in all passed courses (A+ to C Grade)}}{\text{Cumulative total credits, excluding ECA/Audit courses}}$$

$$= \frac{139+178}{19+23} = 7.452$$

Semester performance: SGPA = 7.739

Cumulative performance :CGPA = 7.452

15. REPEAT SEMESTER REGISTRATION FOR STUDENT

Each academic calendar will include odd & even semester and in case of exigencies, this facility is available to all students who had registered in the courses in the regular (odd & even) semesters and could not clear any of the subjects. They can repeat the semester as per schedule of the academic calendar.

16. GUIDELINES FOR REVALUATION OF ANSWER COPIES

The University proposes a facility to the student to challenge the evaluation of answer copies of his/her major examination from odd semester of 2025-26 session onwards. It will be applicable to all the undergraduate programs conducted by the University. Here, "Revaluation" means Valuation of answer copies to be done by the external examiners.

16.1. CHALLENGE REVALUATION OF ANSWER SCRIPT FOR UNDERGRADUATE STUDENTS

- (a) Revaluation of answer script will be carried out only for the latest semester whose result has been declared.
- (b) All the students of UG appearing for the University major examinations are eligible to apply for Revaluation of answer scripts in all theory courses.
- (c) All the interested students, who wishes to apply for Challenge Evaluation of Answer Scripts must apply for Challenge Evaluation to COE by paying the requisite fee within 10 working days from the date of declaration of results by University. The requisite fee shall be Rs. 5000/- per subject from odd semester of 2025-26 session, which can be modified in future by examination committee from time to time. The remuneration to each faculty member involved in challenge evaluation will be Rs.500/- per copy. Remuneration to the faculty may be modified by

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examination committee from time to time.

(d) A student can not apply Challenge Evaluation of answer scripts in the subjects other than the theory subjects.

(e) After the last day of application for challenge evaluation, the exam section shall initiate the process of challenge evaluation as per the procedure detailed hereunder:

- The COE may finalize a panel of examiner of each subject in which challenge evaluation is to be conducted, in consultation with respective HODs.
- The COE shall take approval from Hon'ble vice chancellor of two faculty members for each subject.
- Each answer script will be revaluated by two faculty members.
- After the revaluation of each copy, average of marks given by two evaluators shall be taken into consideration for any comparison purpose.
- The student will be informed about the outcome of challenge/re evaluation of answer copies within two months of receipt of student's request.

16.2. AWARD OF MARKS AFTER REVALUATION:

➤ If the difference in original marks from average marks are less than 10% (i.e. less than ± 5 marks for major examination of 50 Max Marks) then marks of student will not be modified and the fee submitted by student will be forfeited (FF). Student's Fee will be forfeited for all cases where average marks are less than the original marks of the student.

➤ If the difference in original marks from average marks is greater than or equal to 10% (i.e. greater than or equal to ± 5 marks for major examination of 50 Max Marks) then the average marks will be awarded to the student. If average marks are larger by 10% or more, then the fee submitted by student will be returned as per fee refund policy framed by examination committee time to time.

➤ It is proposed that the Fee Refund (FR) should be done after deducting the remuneration paid to first and second valuator. Hence FR shall be Rs. 4000/-

Cases	Original Evaluated marks (A) (out of 50)	After revaluation		Average Marks of 1 st and 2 nd valuator (B)	Difference Between A & B	Final Marks awarded after challenge	Fee status
		First Valuator	Second Valuator				
Case-1	15	20	18	19	$(19-15)<5$	15	FF
Case-2	15	20	22	21	$(21-15)>5$	21	FR
Case-3	15	14	08	11	$(15-11)<5$	15	FF
Case-4	15	12	08	10	$(15-10) \leq 5$	10	FF

• In the above table, only in one case, fee of student shall be returned. It can be seen that the student fee status (FR-status) is shown for case-2 where marks awarded to the student is more than his/her original marks by 10% or more. Forrest of the cases, where student's average marks are either less than the original marks or variation (A-B) is less than 10%, fee of student has been forfeited.

NOTE: THE CHALLENGE EVALUATION MUST BE APPLIED WITH CAUTION AS THE MARKS OBTAINED AFTER THE CHALLENGE EVALUATION SHALL BE FINAL IRRESPECTIVE OF WHETHER THOSE MARKS ARE MORE OR LESS THAN THE ORIGINAL MARKS

16.3. ELIGIBILITY OF TEACHERS FOR REVALUATION: The faculty members who will be evaluating the answer copies during revaluation must possess at least five years of teaching experience and must be regular faculty of reputed Institute or Central / State University.

17. ACADEMIC CRITERIA FOR CONTINUATION

17.1. For continuation of registration at any stage, student must satisfy criteria specified in the subsequent clause 17.2. In order to qualify for the award of the degree at the end of 8th semester, it is necessary to pass all the credits offered by the department and satisfy the criteria specified in clause 9.2.

17.2. A student is considered to pass in a particular course if he/she secures A⁺ to C grade in it. In case of F grade in a course in a semester then the student has to clear that course as detailed in clause no. 13.

17.3. A student can challenge evaluation of answer copies as per **Clause 16.**

17.4. Academic Progression

1. No student shall be admitted to any examination unless he/she fulfills the norms 75% attendance both theory and practical.
2. The duration for the completion of the program shall be fixed as double the actual duration of the program for readmitted candidate after break (not more than two years of break of study) and the students have to pass within the said period, otherwise they have to get fresh Registration for first year.
3. A student shall be eligible to carry forward all the courses of I, II, and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.
4. A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.
5. A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.
6. A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period for completion of the program of study.
7. A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.
8. A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the

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course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

9. A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period.
10. Any student who has given more than 4 chances for successful completion of I/III semester courses and more than 3 chances for successful completion of II/IV semester courses shall be permitted to attend V/VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

18. AWARD OF DIVISION, RANK AND MEDALS

18.1. A candidate who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the eight semesters (six semesters for lateral entry candidates) within a maximum period of seven years (six years for lateral entry candidates) reckoned from the commencement of the first semester/third semester to which the candidate was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of **Clause 17.1**. Award of the Division in the degree shall be governed by the provisions given below.

(a) A candidate who qualifies for the award of the degree securing C or above grades in all subjects pertaining to all semesters in his/her first attempt within eight consecutive semesters (four academic years)/six consecutive semesters (three academic years) as applicable, and in addition secures a CGPA of 7.5 and above for the semesters I to VIII shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS**.

(b) A candidate who qualifies for the award of the degree by securing C or above grades in all courses of all the semesters after his/her commencement of study in the 1st/3rd semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in **FIRST DIVISION**.

(c) All other candidates (not covered in (a, b)) who qualify for the award of degree by securing C or above grades in all courses of all semesters after his/her commencement of study in the 1st/3rd semester shall be declared to have passed the examination in **SECOND DIVISION**.

18.2. For the Award of **Ranks** for each branch of study and overall for the program, the CGPA secured in all semesters shall be considered and it is mandatory that such candidate should have passed all the courses by securing C or above grades in all the semesters in the first attempt in 4/3 year duration of program as applicable. Rank certificates in the form of "Certificate of Merit" would be issued to top three students as 1st, 2nd & 3rd rank in each branch of study and to one student as "University topper of B. Pharm." on the overall basis in the program selected on the basis of CGPA in particular academic session.

18.3. Following **Medals** will be awarded annually by the University to the passing out students identified as prescribed in **Clause 18.2**.

(a) **Chancellor Gold Medal**-This gold medal is awarded to the "University topper of 4 year Undergraduate Program" i.e. the passing out Undergraduate students who is adjudged to be the academically best, securing the highest CGPA at the end of the eighth semester in first attempt for 4 year Degree program amongst the graduating students of all 4 year Undergraduate Courses as per the Clause 18.2.

(b) **Vice-Chancellor Gold Medal**-The Gold Medal is awarded to the student who secures the

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highest CGPA at the end of semester VIII in first attempt, i.e. 1st Rank holder for B. Pharm. program.

19. ATTENDANCE

- 19.1. Every faculty member handling a course will record attendance from the scheduled date of commencement of classes upto 3 calendar days before the last instructional day in the semester as per academic calendar. The cumulative percentages of attendance will be recorded in the office of the Dean UGS. The attendance calculated for the period between the date of commencement of classes and the last date for recording the cumulative attendance in all the registered courses (credits courses) in the semester must not be less than 75%.
- 19.2. For those students who have cumulative attendance less than 75% but more than 60% in a semester on medical ground, if their medical leave is considered by the competent authority of the University for condonation of attendance then they are eligible for seeking the privilege of upgradation of the attendance record.
- 19.3. A student is expected to attend all classes, laboratory, project, tour and tutorial sessions that are formally scheduled and a formal attendance will be taken in each such session. Those students who has participated in national/international sports/cultural/academic event approved by competent authority of the University, there may be instances such student is unable to join the scheduled academic activities. Therefore, a leave application duly recommended and forwarded by the student's HOD should be submitted in such cases at the earliest to office of the Dean of Student Affairs (DSA). For such students who have cumulative attendance less than 75% but more than 60% in a semester, and if their leave is considered for condonation of attendance then they are eligible for seeking the privilege of upgradation of the attendance record.
- 19.4. A student, who has accumulative attendance lower than 75% in the semester, whatever may be the reason for the short fall in attendance, may be permitted to appear in the University Major Examinations in those courses in which total attendance (Lecture, Tutorial & Practical) is equal to or more than 75%. Such students have to attend the remedial/make-up classes (to be eligible for appearing in the carry over examination) for thirty days arranged by the respective department and he/she will appear only those subjects in Carry over examination
- 19.5. Those students who have cumulative attendance less than 75% just before the minor test, he/she has to submit undertaking of the short attendance in the respective department and allowed to appear in minor test examination.

20. REGISTRATION AND ENROLLMENT

- 20.1. The University follows a specialized credit based semester system, therefore registration at the beginning of each semester on the prescribed dates announced in the Academic Calendar, is mandatory for every student till he/she completes his/her program. If a student does not register in a particular semester, his/her studentship is liable to be cancelled. Without registration, any academic activity (course/training/project etc) undergone by a student will not be counted towards the fulfillment of requirements of his/her degree.
- 20.2. Every student admitted shall have his/her unique registration number. The registration number shall have ten digits. First four digit shall indicate year of admission; next two shall indicate his/her branch of study, next one shall indicate his/her level (Undergraduate,

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Postgraduate, Ph.D., etc.) and last three digits shall indicate his/her serial number/roll number or as prescribed from time to time. Every student shall be identified by this registration number throughout his stay in the University.

- 20.3. Registration should be carried out by the student himself/herself on stipulated date, but not later than the first week of each semester as late registration upon payment of prescribed late fees as decided from time to time. In any case, registration must be completed before the prescribed last date for registration, failing which he/she will not be registered in that particular session. Such students will have to register in coming next academic session if it is permissible under **Clause 8** else his/her studentship is liable to be cancelled.
- 20.4. Students having any kind of outstanding dues to the University or hostel shall be permitted to register only after clearing the outstanding dues subject to provisions of **clause 20.3**.
- 20.5. In-absentia registration may be allowed only in rare cases at the discretion of the Vice-Chancellor of the University in case of serious illness/natural calamities/unavoidable circumstances upon the recommendation of Dean UGS.

21. TEMPORARY DISCONTINUATIONS OF COURSE

- 21.1. Discontinuation of the course will not be allowed to B. Pharm. first year students. However, if a student of other years wishes to temporarily discontinue the course for valid reasons, he/she shall apply through the HOD in advance and obtain a written order from the University permitting discontinuance.
- 21.2. A candidate after temporary discontinuance may rejoin the course only at the commencement of the semester at which he/she discontinued, provided he/she pays the prescribed fees to the University for the discontinuation period also. The total period of completion of the course reckoned from the commencement of the first semester to which the candidate was admitted shall not in any case exceed eight/six academic years for B.Pharm./B.Pharm. (Lateral).

22. UNFAIR MEANS

Cases of unfair means shall be dealt as per the rules of the University.

23. GENERAL ELIGIBILITY FOR AWARD OF:

B Pharm. DEGREE

A student shall be declared to be eligible for award of the B. Pharm. Degree if he/she has

- registered and successfully completed all the academic requirements of programme as prescribed in this Ordinance or as prescribed by the University from time to time;
- successfully acquired the minimum required credits/audits as specified in the curriculum corresponding to the branch of his/her study within the stipulated time as prescribed in this Ordinance or as prescribed by the University from time to time;
- earned the specified credits in all the categories of courses;
- completed online course requirements prescribed by the university
- has no dues to the University, Hostels, Libraries, NCC/NSS etc., and
- no disciplinary action is pending against him/her.

24. COURSE CO-ORDINATION COMMITTEE

The Course Co-ordination Committee (CCC) shall comprise of all the teachers teaching a course. However, where less than three teachers are teaching the course, the HOD may nominate a three-member committee. The chairperson of the CCC shall be nominated by the HOD, before the beginning of the semester. The Course Coordination Committee for project/training based courses shall comprise of five faculty members nominated and chaired by the HOD.

The CCC shall have the following functions.

- a. To lay the guidelines for teaching and evaluating the courses including the design of practical's, well in advance of the starting of the semester.
- b. To coordinate the preparation of quizzes, assignments, test papers etc. for continuous assessment. Projects and training based courses shall be dealt similarly.
- c. Chairperson CCC shall set the Major exam question paper.
- d. Minor Question Paper setters may be appointed from amongst the members of the CCC.
- e. External Practical Examiners may be from the other departments of the University as nominated by Vice Chancellor.
- f. A question paper moderation committee may be formed out of the members of CCC chaired by the Chairperson, CCC.
- g. To consider the individual representation of the students about evaluation and take remedial action, if needed.

25. GRADE MODERATION COMMITTEE

(i) The COE of the University will constitute the Grade Moderation Committee for all the Academic Courses under its purview. The COE or its nominee (Additional COE, Deputy Controller, or Joint Controller) shall be the Chairman of the committee and the concerned course coordinator chairperson along with the concerned HOD are the members of the committee. This committee shall be responsible for adherence to the guidelines for the award of grades.

(ii) The date of moderation shall be made apart of the Academic Calendar of the University.

26. POWER TO MODIFY

Not with standing all that has been stated above, the Academic Council (AC) has the right to modify partly or completely the provisions of the above ordinances with the approval of the Board of Management (BOM). Under extreme exceptional circumstances arising out of certain inconsistency in the ordinances or otherwise, the Vice-Chancellor can take suitable decision in deference to the laid down provisions provided standard of evaluation is not compromised and the same shall be reported to ensuing Academic Council/Board of Management with suitable justification. Such actions of Vice Chancellor shall not be treated as precedence under any circumstances.

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27. CURRICULUM FOR B. PHARM. PROGRAMS

DEPARTMENT OF PHARMACEUTICAL SCIENCE AND TECHNOLOGY MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY (MMMUT) GORAKHPUR-273 010, UP, INDIA

Category/Semesters	I	II	III	IV	V	VI	VII	VIII	Total
Basic Sciences & Maths (BSM)	5 ^s /6 [#]								2 ^s /3 [#]
Humanities & Social Science (HSS)	3								3
Management (M)									
Engineering Fundamentals (EF)									
Professional Skill (PS)									
Professional Core (PC)	21	29	24	28	26	30	18	8	187
Professional Electives (PE)/ Open Electives (OE)								8	8
Minor Project (P)							6	6	12
Industrial Practice (IP) (in Industry)/ Major Project (MP) (In									
Total Credit	29^s/30[#]	29	24	28	26	30	24	22	210/212^s/213[#]
Total Courses Offered	12*	10	8	9	8	9	6	5	67

First Year, Semester I

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP101T	Human Anatomy and Physiology I	3	1	-	4
2	DC	BP102T	Pharmaceutical Analysis I	3	1	-	4
3	DC	BP103T	Pharmaceutics I	3	1	-	4
4	DC	BP104T	Pharmaceutical Inorganic Chemistry	3	1	-	4
5	HSSC	BP105T	Communication skills – Theory *	2		-	2
6	DC/BMS	BP106RBT BP106RMT	Remedial Biology/ Mathematics – Theory*	2		-	2
7	DC	BPT107P	Human Anatomy and Physiology I Practical	-	-	4	2
8	DC	BPT108P	Pharmaceutical Analysis I Practical	-	-	4	2
9	DC	BPT109P	Pharmaceutics I Practical	-	-	4	2
10	DC	BPT110P	Pharmaceutical Inorganic Chemistry – Practical	-	-	4	2
11	HSSC	BPT111P	Communication skills – Practical*	-	-	2	1
12	DC	BPT112RBP	Remedial Biology [#] Practical	-	-	2	1
13	ESA I		Induction Program	-	-	-	0
Total				16	4	18/20^s	29^s/30[#]

[#]applicable ONLY for the students who have Mathematics/Physics/Chemistry at HSC and appearing for Remedial Biology course

^s applicable ONLY for the students who have studies Physics/Chemistry/Botany/Zoology at HSC and appearing for Remedial Mathematics Course

Freshman Year, Semester-II

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP201T	Human Anatomy and Physiology II-Theory	3	1	-	4
2	DC	BP202T	Pathophysiology	3	1	-	4
3	DC	BP203T	Biochemistry-Theory	3	1	-	4
4	DC	BP204T	Pharmaceutical Organic Chemistry I-Theory	3	1	-	4
5	DC	BP205T	Computer Applications in Pharmacy – Theory	3	-	-	3
6	DC	BP206T	Environmental sciences – Theory	3	-	-	3
7	DC	BP207P	Human Anatomy and Physiology II -Practical	-	-	4	2
8	DC	BP208P	Pharmaceutical Organic Chemistry I-Practical	-	-	4	2
9	DC	BP209P	Biochemistry- Practical	-	-	4	2
10	DC	BP2010P	Computer Applications in Pharmacy – Practical	-	-	2	1
11	ECA-II			-	-	-	0
Total				18	4	14	29

Sophomore Year, Semester-III

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP301T	Physical Pharmaceutics I- Theory	3	1	-	4
2	DC	BP302T	Pharmaceutical Microbiology-Theory	3	1	-	4
3	DC	BP303T	Pharmaceutical Organic Chemistry II	3	1	-	4
4	DC	BP304T	Pharmaceutical Engineering-Theory	3	1	-	4
5	DC	BP305P	Pharmaceutical Organic Chemistry II – Practical	-	-	4	2
6	DC	BP306P	Physical Pharmaceutics I- Practical	-	-	4	2
7	DC	BP307P	Pharmaceutical Microbiology- Practical	-	-	4	2
8	DC	BP308P	Pharmaceutical Engineering –Practical	-	-	4	2
9	ECA-III			-	-	-	0
Total				12	4	16	24

Sophomore Year, Semester-IV

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP401T	Pharmaceutical Organic Chemistry III-Theory	3	1	-	4
2	DC	BP402T	Medicinal Chemistry I – Theory	3	1	-	4
3	DC	BP403T	Physical Pharmaceutics II- Theory	3	1	-	4
4	DC	BP404T	Pharmacology I- Theory	3	1	-	4
5	DC	BP405T	Pharmacognosy and Phytochemistry-theory	3	1	-	4
6	DC	BP406P	Medicinal Chemistry I – Practical	-	-	4	2
7	DC	BP407P	Physical Pharmaceutics II-Practical	-	-	4	2
8	DC	BP408P	Pharmacology I- Practical	-	-	4	2
9	DC	BP409P	Pharmacognosy and Phytochemistry-practical	-	-	4	2
10	ECA-IV			-	-	-	0
Total				15	5	16	28

Junior Year, Semester-V

S.N	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP501T	Medicinal Chemistry II-Theory	3	1	-	4

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2	DC	BP502T	Industrial Pharmacy I-Theory	3	1	-	4
3	DC	BP503T	Pharmacology II-Theory	3	1	-	4
4	DC	BP504T	Pharmacognosy and Phytochemistry II-Theory	3	1	-	4
5	DC	BP505T	Pharmaceutical Jurisprudence	3	1	-	4
6	DC	BP506P	Industrial Pharmacy I-Practical	-	-	4	2
7	DC	BP507P	Pharmacology II-Practical	-	-	4	2
8	DC	BP508P	Pharmacognosy and Phytochemistry II-Practical	-	-	4	2
9	ECA-V			-	-	-	0
Total				15	5	12	26

Junior Year, Semester-VI

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP601T	Medicinal Chemistry III-Theory	3	1	-	4
2	DC	BP602T	Pharmacology III-Theory	3	1	-	4
3	DC	BP603T	Herbal Drug Technology-Theory	3	1	-	4
4	DC	BP604T	Biopharmaceutics and Pharmacokinetics-Theory	3	1	-	4
5	DC	BP605T	Pharmaceutical Biotechnology-Theory	3	1	-	4
6	DC	BP606T	Quality Assurance-Theory	3	1	-	4
7	DC	BP607P	Medicinal Chemistry III-Practical	-	-	4	2
8	DC	BP608P	Pharmacology III-Practical	-	-	4	2
9	DC	BP609P	Herbal Drug Technology-Practical	-	-	4	2
10	ECA-VI			-	-	-	0
Total				18	6	12	30

Note: The student is required to complete total 50-65 days industrial training (desirable) in Pharmaceutical Industries/Research Institutes/Hospitals, etc after IV and VI Semester and both training will be evaluated in Semester VII.

Senior Year, Semester-VII

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP701T	Instrumental Methods of Analysis -Theory	3	1	--	4
2	DC	BP702T	Industrial Pharmacy-II Theory	3	1	--	4
3	DC	BP703T	Pharmacy Practice-Theory	3	1	--	4
4	DC	BP704T	Novel Drug Delivery System-Theory	3	1	--	4
5	DC	BP705P	Instrumental Methods of Analysis -Practical	--	--	4	2
6	P	BP706PS*	Practice School	--	--	12	6
7	ECA-VII			-	-	-	0
Total				12	4	16	24

* The subject experts at college level shall conduct examinations

Senior Year, Semester-VIII

S.N.	Category	Paper Code	Subject	L	T	P	Credit
1	DC	BP801T	Biostatistics and Research Methodology	3	1	--	4
2	DC	BP802T	Social and Preventive Pharmacy	3	1	--	4
3	PE	BP803ET	Pharma Marketing Management	3+3	1+1	-	4+4=8

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4	PE	BP804ET	Pharmaceutical Regulatory Science	=6	=2		
5	PE	BP805ET	Pharmacovigilance				
6	PE	BP806ET	Quality Control and Standardization of Herbals				
7	PE	BP807ET	Computer Aided Drug Design				
8	PE	BP808ET	Cell and Molecular Biology				
9	PE	BP809ET	Cosmetic Science				
10	PE	BP810ET	Experimental Pharmacology				
11	PE	BP811ET	Advanced Instrumentation Techniques				
12	PE	BP812ET	Dietary Supplements and Nutraceuticals				
13	PE	BP813ET	Pharmaceutical Product Development				
14	P	BP814PW	Project Work	--	--	12	6
Total				12	4	12	22

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16/4/25

Sabs
16/4/25

Paul
16/4/25

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