

ORDINANCES 3.0

Bachelor of Pharmacy

(w.e.f. 2026-2027)



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

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DISCLAMER

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 adverdant errors in the publication.

Approved and modified in a ----- meeting of the Board of Management held on -----,

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Inmeetings of the Academic Council held on-----, and
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**MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY GORAKHPUR
(UP) - INDIA**

Third Ordinances

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

THIRD ORDINANCES, 2026

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

1. These Ordinances may be called the Madan Mohan Malaviya University of Technology, Gorakhpur Third Ordinances, 2026.
2. They shall come into force in successive academic sessions as applicable.
3. Anything 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.

7. ORDINANCES FOR B.PHARM. PROGRAM FROM ACADEMIC SESSION

7.1. SHORT TITLE AND COMMENCEMENT

This regulation shall be called as "The Revised Regulation for the B. Pharm. Degree Programme Choice Based Credit System (CBCS) as per National Education Policy 2020 of

the Pharmacy Council of India, New Delhi". It shall come into effect immediately upon notification by the Pharmacy Council of India. The regulations framed are subject to modification from time to time by Pharmacy Council of India.

7.2. 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) 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.

7.3. MINIMUM QUALIFICATION FOR ADMISSION

7.3.1. First year B. Pharm:

- (a) A candidate shall have passed the 10+2 examination conducted by the respective State or Central Government authorities, or any equivalent examination recognized by bodies such as the Association of Indian Universities (AIU) or the Council of Boards of School Education in India (COBSE), including wings such as IGNOU and NIOS, with English as one of the subjects and with Physics and Chemistry as compulsory subjects, along with either Mathematics or Biology.
- (b) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

7.3.2. B. Pharm lateral entry (to third semester):

Candidate shall have passed in D. Pharm. Course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

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) The duration of each semester will generally be 90-100 working days or as prescribed by the University from time to time.
- (d) 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 competent authority of university. 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.

- (e) 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 15.

8.1.MEDIUM OF INSTRUCTION AND EXAMINATIONS

Medium of instruction and examination shall be in English.

8.2.WORKING DAYS IN EACH SEMESTER

Each semester shall consist of 90 working days or as per notification issued by university from time to time. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year. Semester break between two semester shall be provided as per university academic Calander.

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, projects, tours etc. as prescribed by the University.

A. Core Courses (CC)

The Core Courses constitute the fundamental and compulsory component of the B. Pharm. Curriculum and provide the essential disciplinary foundation required for pharmacy education and practice. These courses are designed to impart comprehensive knowledge and practical skills in pharmaceutical sciences, including pharmaceutical chemistry, pharmaceutics, pharmacology, pharmacognosy, pharmaceutical analysis, biochemistry, microbiology, clinical pharmacy, regulatory affairs, and related areas. Through a combination of classroom instruction, laboratory work, experiential learning, projects, and training activities, the core courses foster scientific understanding, professional competence, ethical values, critical thinking, problem-solving abilities, effective communication, and research aptitude. Successful completion of all prescribed core courses is mandatory for the award of the degree.

B. Electives courses (EC)

- I. **Ability Enhancement Courses (AEC):** Courses of varying durations which are optional, and offered in the curriculum that improves understanding of the subject and enhances ability of the students
- II. **Skill Enhancement Courses (SEC):** Courses of varying durations which are optional and offered in the curriculum that develop the required skills and help the students in getting placed.
- III. **Value Added Courses (VAC):** Courses of varying durations which are optional and offered outside the curriculum that add value and helping the students in getting placed.

C. Internship

Every candidate shall be required to complete a minimum of 240 hours of practical training, spread over a period of two semesters, in a Pharmaceutical/ Cosmetics/ Medical Devices/ Food Industry, or in a Hospital/Community Pharmacy, or any other relevant field as per the prescribed course content. He/she has to submit two internship reports which will be evaluated separately.

- ❖ Certificate and Report submission: 75 Marks
- ❖ Presentation and Discussion: 25 Marks
- ❖ Total: 100 Marks

D. Industry/Field Visits and other Co-curricular Activities:

It shall be compulsory for pharmacy Institutions to organize industrial/field visit and other cocurricular activities to promote holistic learning through participative, problem-based, experiential and innovative pedagogical methods. Students shall submit individual reports, which shall be assessed in continuous evaluation mode as part of any core course each year, as decided by the Programme Committee.

(i) Industry/Field Visits

It shall be compulsory for students to undertake up to four industrial/field visits during the programme, to facilities involved in the manufacturing of drugs, medical devices, food, or cosmetics. Students shall submit individual reports for each visit, which may be assessed through continuous evaluation as decided by the Programme Committee.

(ii) Memorandum of Understanding (MoU)

The Pharmacy Institution may establish formal and legally valid Memoranda of Understanding (MoUs) with pharmaceutical industries, Government organizations, NABL-accredited drug and medical device testing laboratories, NABH-accredited hospitals, and other relevant organizations to facilitate academic, research, training, internship, and industry-institute collaboration activities.

(iii) Co-curricular Activities

It shall be compulsory for the pharmacy institution to adopt a village or a ward in the panchayath/municipal corporation and engage in community service activities. The community services shall include (but not limited to) prescription survey, awareness of rational drug use, patient counseling services or activities as per the prescribed course content.

E. Project work

All students shall undertake a project under the supervision of a teacher and submit a report, preferably with the involvement of an external mentor from Industry, Hospital, NABL or CDSCO-approved labs, or an Allied/Interdisciplinary field. The project shall be carried out in groups not exceeding three members. The project report must be submitted in triplicate as a typed and bound copy. Internal and external examiners appointed by the University shall evaluate the project during the practical examinations of the respective semester(s), and students shall be evaluated in groups. Additionally, students are permitted the option to pursue a continuous research theme initiated in the seventh semester and extending through the eighth semester. Under this provision, the specific project milestones achieved by the conclusion of the seventh semester shall undergo formal evaluation by the appointed examiners during that semester's final examination.

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(a) Evaluation of Dissertation book:

Objective(s) of the work done:	10 Marks
Methodology adopted :	20 Marks
Results and Discussions :	20 Marks
Conclusions and Outcomes :	10 Marks
Total :	60 Marks

(b) Evaluation of Dissertation Presentation:

Presentation of work :	40 Marks
Communication skills :	20 Marks
Question and answer skills :	30 Marks
Total :	90 Marks

Explanation: The 60 marks assigned to the dissertation book shall be same for all the students in a group. However, the 90 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

F. 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

G. One or more expert Lecture per semester for students is mandatory as a non-credit course.

As per the Choice Based Credit System (CBCS), certain quantum of academic work viz. theory classes, practical classes etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week on that course. Similarly, the credit as-curricular 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.

9.1.Credit assignment**9.1.1. Theory and Practical courses**

Courses are broadly classified as Theory, Practical, Project and Internship. Theory (T) courses consist of lecture (L) hours, while Practical (P) courses consist of hours spent in the laboratory. The Credits assigned to a course dependent on the number of instructional hours per week and are calculated using a multiplier of one (1) for lecture hours, and a multiplier of one-half (1/2) for practical (laboratory) hours. For example, a theory course having three

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lectures per week throughout the semester carries 3 credits. Similarly, a practical course with four laboratory hours per week throughout semester carries 2 credits. If the calculated credit value results in a fraction of 0.5 or below, the lower integer value will be assigned as the credit. Every 30 hours spent on internship (I) and projects shall be considered equivalent to 1 credit.

9.1.2. Minimum credit requirements

The minimum credit points required, for a B. Pharm. Degree is 193. These credits are distributed across Theory courses, Practical courses, Internship and Project over the duration of eight semesters. The semester-wise distribution of credits is presented in Table The semester-wise distribution of credits is presented in Table V.

Students may enroll in approved online courses offered through Government-recognized platforms such as SWAYAM, NPTEL, or other MOOCs from the II Year onwards. Credits earned through such courses, subject to approval by the Academic Council, shall be added to the student's credit requirement in the semester in which the course is successfully completed.

Credit equivalence shall be as follows:

- 4-week course: 1 credit
- 8-week course: 2 credits
- 12-week course: 3 credits
- 16-week (or one semester) course: 4 credits

Students must submit the course completion/pass certificate, clearly indicating the marks/grade obtained, before the commencement of the subsequent semester for credit transfer and inclusion in their academic record.

Courses generally progress in sequences, building competencies and their positioning indicate certain levels of 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 take additional courses, namely Healthcare Psychology and Communication Skills (Theory and Practical) and Basics of Python Programming for Pharmaceutical Sciences (Theory) during Semester III, and Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory) during Semester IV of the programme. The lateral entry student shall be awarded 47 credit points, equivalent to the cumulative credits earned as per the scheme of their Diploma in Pharmacy (D. Pharm.) programme, upon successful completion of the above-mentioned courses. Out of the total 47 credits, 41 credits shall be accounted for the Diploma programme, and the remaining 6 credits shall be awarded for the above-mentioned additional courses. The 41 credits accounted for the lateral entry students shall be recorded in the Semester III marks sheet.

9.1.3. 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 (odd or even). The assessment of the 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.

9.1.3.1.Minor Examination

Two minor exams shall be conducted for each theory / practical course as per the schedule fixed by the University. The syllabus will be divided equally between Minor 1 and Minor 2 examinations. However, the Major examination will be conducted from the entire syllabus of the course. Minor exam shall be conducted for 15 marks for theory. Examination duration for minor theory examination is 1 hour. Minor marks for practical courses will be based on continuous evaluation, practical work, practical exam and viva voce.

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 (odd or even). The student's overall (Continuous Evaluation + Minor Examination + Major examination) attained percentage must be not less than 50% to pass the subject. The assessment of the 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 general scheme for credit wise marks distribution is as given below.

Table I: Scheme for credit-based marks distribution for assessment

Credit	Maximum Marks	Internal assessment	External assessment
4	100	40	60
3	75	30	45
2 or 1	50	20	30

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

Note: The syllabus will be divided equally between Minor 1 and Minor 2 examinations. However, the Major examination will be conducted from the entire syllabus of the course. The duration of minor theory examinations is 1 hour. For practical courses (core as well as elective), those having four hours per week shall have a four-hour duration for the minor and end-semester examinations. Practical courses for less than four hours per week shall have a three-hour duration for the minor and end-semester examinations.

Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below. Table II. Distribution of Marks for Theory subjects

Theory		Internal assessment pattern of marks distribution			
Credit Type	Maximum Marks	Total	Attendance	Academic Activities (Average of any three: quiz, assignment, open book test, field work, group discussion, seminar, etc.)	Minor (Average of two tests) Duration 1 Hour
4	100	40	10	10	20
3	75	30	7.5	7.5	5
2 or 1	50	20	5	5	10

Table III. Distribution of Marks for Practical subjects

Practical		Internal assessment pattern of marks distribution			
Credit Type	Maximum Marks	Total	Attendance	Academic Activities (Average of any three: quiz, assignment, open book test, field work, group discussion, seminar, etc.)	Minor (Average of two tests) Duration – As per allotted hours#)
2 or 1	50	20	5	5	10

Table IV. Internal Assessment Question Paper Pattern (Theory)

Type of questions	4 Credit Course	3 Credit Course	2 or 1 Credit Course
I. Multiple Choice Questions (MCQs) Or Objective Type Questions	4×1 Mark each or 2×2 Marks each (Compulsory)	2×1 Mark each (Compulsory)	2×1 Mark each (Compulsory)
II. Short Answers	2×3 Marks each (2 out of 3)	2×3 Marks each (2 out of 3)	1×3 Marks each (1 out of 2)
III. Long Answers	1×10 Marks each (1 out of 2)	1×7 Marks each (1 out of 2)	1×5 Marks each (1 out of 2)
Max. Marks	20	15	10
Duration	1 hour	1 hour	1 hour

Table V. Internal Assessment Question Paper Pattern (Practical)

Type of questions	2 or 1 Credit Course
Synopsis	2
Major Experiment	4
Minor Experiment	2
Viva voce	2
Max. Marks	10
Duration	As per the allotted hours in scheme

9.1.3.2. Major Examination

The End semester Theory and practical examination shall be conducted as per the scheme given in Table VI– VII as per the credits allotted.

Table VI. End Semester Question Paper Pattern (Theory)

Type of questions	4 Credit Course	3 Credit Course	2 or 1 Credit Course
I. Multiple Choice Questions (MCQs) Or Objective Type Questions	20×1 Mark each or 10×2 Marks each (Compulsory)	10×1 Mark each (Compulsory)	10×1 Mark each (Compulsory)

II. Short Answers	5×4 Marks each (5 out of 7)	5×4 Marks each (5 out of 7)	5×2 Marks each (5 out of 7)
III. Long Answers	2×10 Marks each (2 out of 3)	2×7.5 Marks each (2 out of 3)	2×5 Marks each (2 out of 3)
Max. Marks	60	45	30
Duration	3 hours	2 hours	1.5 hour

Table-VII: End Semester Question Paper Pattern (Practical)

Type of questions	2 or 1 Credit Course
Synopsis	7.5
Major Experiment	10
Minor Experiment	5
Viva voce	7.5
Max. Marks	30
Duration	As per the allotted hours in scheme#

For practical courses (core as well as elective), those having four hours per week shall have a four-hour duration for the minor and end-semester examinations. Practical courses for less than four hours per week shall have a three-hour duration for the minor and end-semester examinations.

9.2.4. Promotion and award of grades

Promotion

A student shall be declared PASS and eligible to receive a grade in a course of the B. Pharm. Programme if he/she secures at least 50% marks in that course, including internal assessment. For example, to be declared PASS and to receive a grade, the student must secure a minimum of 50 marks out of a total of 100, inclusive of internal assessment marks (continuous internal assessment and minor examination marks) and the end-semester examination marks as applicable

Carry forward of internal assessment marks

In case a student fails to secure the minimum 50% in any Theory or Practical course, then he/she shall reappear for the end semester examination of that course. However, his/her marks of the Internal Assessment shall be carried over, and he/she shall be entitled for grade obtained by him/her on passing.

Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the Minor exam component of the internal assessment. The re-conduct of the Minor exam shall be completed within that semester only/as per notification issued by examination cell. The re-conduct of minor examinations for failed candidates shall be conducted only once for the purpose of improving their minor marks, without changing their continuous internal assessment. Re-conduct minor examination is subject to approval by the competent authority of university.

End semester carry-over examinations

End-semester carry-over examinations shall be conducted as per the schedule and notification issued by Examination Cell from time to time.

9.2.Overall Credit Structure**Table VIII. Semester wise credits distribution**

Semester	Credit Points (Linear Entry in I Semester)	Credit Points (Lateral Entry in III Semester)
I	21	-
II	26	-
III	25	29
IV	23	25
V	22	22
VI	26	26
VII	26	26
VIII	24	24
Total credit points for the program	193	152
One or more Expert Lecture per semester for students (Mandatory).		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

Note: A total of 193 credits is mandatory for award of the degree. Additional courses/MOOCs may be offered with Academic Council approval, and MOOCs can be selected by the HOD through departmental BOS. Details for SWAYAM registration will be notified of the department and university portals as per Madan Mohan Malaviya University of Technology B. Pharm. 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 advance, miscellaneous user charges etc. as applicable from time to time.

10. GRADING OF PERFORMANCE**10.1. Letter grades and grade points allocations:**

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

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Table IX. Letter grades and grade points equivalent to percentage of marks and performance

Percentage of Marks Obtained	Letter Grade	Grade Points	Description
90.00 - 100	A ⁺	10	Outstanding
80.00- 89.99	A	9	Excellent
70.00-79.99	B ⁺	8	Very Good
60.00-69.99	B	7	Good
50.00-59.99	C	6	Average
Less than 50	F	0	Fail
Absent	Ab	0	Fail

A student who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

10.2. Evaluation Of Performance

10.2.1. The Semester Grade Point Average (SGPA)

The performance of a student in a semester is indicated by a number called 'Semester Grade Point Average' (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester.

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

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

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and AB grade awarded in that semester.

10.2.2. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses.

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

$$CGPA = \frac{C1S1 + C2S2 + C3S3 + C4S4 + C5S5 + C6S6 + C7S7 + C8S8}{C1 + C2 + C3 + C4 + C5 + C6 + C7 + C8}$$

An example of these calculations is given below.

Table X. Illustration of SGPA and CGPA Calculation for an Odd 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
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
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 this semester (total of column 6 for all passed courses) = 139

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

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

Semester performance: SGPA = 7.315
Cumulative performance: CGPA = 7.315

Table XI. Illustration of SGPA and CGPA Calculation for an 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
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

164

Cumulative points in all passed courses = 139 (past semesters + 154 (this sem.) = 289
 Cumulative total credits registered = 19 (past semesters) + 23 (this sem.) = 42

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

$$CGPA * = \frac{\text{Cumulative Points secured in all passed courses (A+ to C Grade)}}{\text{Cumulative total credits excluding ECA/Audit courses}} = \frac{139+154}{19+23} = 6.659$$

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

Table XII. Illustration of SGPA and CGPA Calculation for revised grade sheet of Even Semester after carryover 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
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
Total	23		19		178

*Grade awarded in Carryover

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

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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

10.3. CGPA To Percentage Conversion

It is mandatory for Examining Authority to mention both, marks and SGPA and/or CGPA scores, in the marksheets. The conversion factor for calculation of CGPA into percentage should be 10.0 uniformly.

10.4. Credit Record and Transfer Mechanism

The Examining Authority shall be responsible for creation and verification of Academic Bank of Credits ID, uploading and maintenance of semester wise credits/grades and award in the ABC and National Academic Depository (NAD) to facilitate the credit transfer and redemption as per guidelines of statutory bodies.

11. CARRY-OVER EXAMINATION

- (a) 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.
- (b) Students with F grades in any course (other than above in clause 12a) will be required to register for carry over examination in the course. The carryover Major examination can be conducted during the end of odd/even semesters.
- (c) 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 carryover 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.
- (d) 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 approval from competent authority considering the merit of his/her case. The student shall make an application to the competent authority, 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. Examination will be held as per the schedule issued by the examination section.

12. 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 have 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.

13. 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 2026-27 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.

13.1. 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 wish 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 2026-27 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 examination committee from time to time.
- d) A student cannot apply Challenge Evaluation of answer scripts in 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 examiners of each subject in which challenge evaluation is to be conducted, in consultation with respective HODs.
 - The COE shall get approval from Hon'ble vice chancellor of two faculty members for each subject.
 - Each answer script will be revalued 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/reevaluation of answer copies within two months of receipt of student's request.

13.2. 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 students 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) ≤ 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

14. ACADEMIC CRITERIA FOR CONTINUATION

14.1. For continuation of registration at any stage, student must satisfy criteria specified in the subsequent clause 15.2. 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.

14.2. A student is considered to pass 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. 11.

14.3. A student can challenge evaluation of answer copies as per **Clause 13**.

14.4. Academic Progression

- No student shall be admitted to any examination unless he/she fulfills the norms 75% attendance both theory and practical.
- 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.
- Students are permitted to progress to the next semester even if they fail a course. The final CGPA shall be awarded only after successful completion of all courses from Semester I to Semester VIII within the maximum duration prescribed by PCI. Lateral

entry students shall successfully complete all prescribed courses from Semester III to Semester VIII, for the award of the degree.

15. AWARD OF DIVISION, RANK AND MEDALS

15.1. 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 eight 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 14.1**. 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 6.0 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**.

15.2. Following **Medals** will be awarded annually by the University to the passing out students identified as prescribed in **Clause 15.2**.

(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 16.2.

(b) **Vice-Chancellor Gold Medal**-The Gold Medal is awarded to the student who secures the highest CGPA at the end of semester VIII in first attempt, i.e. 1st Rank holder for B.Pharm. program.

16. ATTENDANCE

16.1. Every faculty member handling a course will record attendance from the scheduled date of commencement of classes up to 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%.

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- 16.2.** For those students who have cumulative attendance less than 75% but more than 60% in a semester on medical grounds, 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.
- 16.3.** A student is expected to attend all classes, laboratory, project, tour and internship that are formally scheduled and a formal attendance will be taken in each such session. Those students who have 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 to seek the privilege of upgradation of the attendance record.
- 16.4.** 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 carryover examination) for thirty days arranged by the respective department and he/she will appear only those subjects in Carry over examination. It will be held as per the notification issued by the respective section of university.
- 16.5.** 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.

17. REGISTRATION AND ENROLLMENT

- 17.1.** 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.
- 17.2.** 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, 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.
- 17.3.** 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,

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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.

- 17.4. 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 17.3**.
- 17.5. 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.

18. TEMPORARY DISCONTINUATIONS OF COURSE

- 18.1. 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 competent authority in advance and obtain a written order from the University permitting discontinuance.
- 18.2. 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).

19. UNFAIR MEANS

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

20. 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.

21. Programme Committee and Internal Examination Committee

21.1. Programme Committee

1. The B. Pharm. Programme shall have a Programme Committee constituted by competent authority of university and reconstituted annually as per regulations of Pharmacy Council of India.

2. The Programme Committee shall meet at least twice in every semester to perform the following duties.

3. Duties of the Programme Committee (not limited to):

- (i) Periodically reviewing the progress of classes and attendance.
- (ii) Discussing problems concerning the curriculum, syllabus, and conduct of classes.
- (iii) Communicating its recommendations on academic matters to the Head of the Department, with such communications being duly recorded.
- (iv) Periodically reviewing and monitoring the attainment of Programme Outcomes and Course Outcomes along with Bloom's Taxonomy Levels and/or Miller's Pyramid.
- (v) Encouraging the use of ICT tools and providing e-learning resources for higher-order learning.
- (vi) Ensuring effective implementation of participative, problem-based, experiential learning, and innovative pedagogical approaches for effective outcomes.

21.2. Internal Examination Committee

1. The B. Pharm. Programme shall have an Internal Examination Committee constituted by the competent authority of the University in accordance with University norms and guidelines issued by PCI from time to time. The Committee may be reconstructed as and when required.

2. The Committee shall meet periodically before each Minor Examination (Internal Assessment) and before the End-Semester Examination and shall oversee and monitor the conduct of examinations in accordance with the regulations of the Pharmacy Council of India.

21.3. Course Co-ordination Committee (CCC)

The Course Co-ordination Committee (CCC) shall comprise all the teachers teaching a course. However, where less than three teachers are teaching the course, 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 five faculty members nominated and chaired by the HOD.

The CCC shall have the following functions.

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

22. 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 a part of the Academic Calendar of the University.

23. POWER TO MODIFY

Notwithstanding 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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24. CURRICULUM FOR B. PHARM. PROGRAMS

First Year, Semester I

S.N.	Course Type	Paper Code	Subject	Periods		Continuous mode	Minor Exam		Major Exam		Total Marks	Credit
				L	P		Marks	Duration	Marks	Duration		
1	Core	BPT101T	Basics of Python Programming for Pharmaceutical sciences (Theory)	2	-	10	10	1Hr	30	1.5 Hr	50	2
2	Core	BPT102T	General Pharmacy (Theory)	3	-	15	15	1Hr	45	2 Hr	75	3
3	Core	BPT103T	Healthcare Psychology and Communication Skills (Theory)	1	-	10	10	1Hr	30	1.5 Hr	50	1
4	Core	BPT104T	Human Anatomy, Physiology and Pathophysiology I (Theory)	4	-	20	20	1Hr	60	3 Hr	100	4
5	Core	BPT105T	Introduction to Pharmacognosy (Theory)	3	-	15	15	1Hr	45	2 Hr	75	3
6	Core	BPT106T	Pharmaceutical Inorganic and Analytical Chemistry (Theory)	3	-	15	15	1Hr	45	2 Hr	75	3
7	Core	BPT107P	General Pharmacy (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
8	Core	BPT108P	Healthcare Psychology and Communication Skills (Practical)	-	2	10	10	3 Hr	30	3 Hr	50	1
9	Core	BPT109P	Human Anatomy, Physiology and Pathophysiology I (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT110P	Introduction to Pharmacognosy (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
11	Core	BPT111P	Pharmaceutical Inorganic and Analytical Chemistry (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
12	ECA-I		Induction Program	-	-	-	-	-	-	-	-	0
Total				16	14	135	135	21 Hr	405	27 Hr	675	21

First Year, Semester-II

S.N.	Course Type	Paper Code	Subject	L	P	Continuous mode	Minor Exam		Major Exam		Total Marks	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT201T	Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
2	Core	BPT202T	Biochemistry (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
3	Core	BPT203T	Human Anatomy, Physiology and Pathophysiology II (Theory)	4	-	20	20	1 Hr	60	3 Hr	100	4
4	Core	BPT204T	Pharmaceutical Organic Chemistry (Theory)	4	-	20	20	1 Hr	60	3 Hr	100	4
5	Core	BPT205T	Pharmacognosy and Phytochemistry (Theory)	4	-	20	20	1 Hr	60	3 Hr	100	4
6	Core	BPT206T	Physical Pharmaceutics (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
7	Core	BPT207P	Biochemistry (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
8	Core	BPT208P	Human Anatomy, Physiology and Pathophysiology II (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
9	Core	BPT209P	Pharmaceutical Organic Chemistry (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT210P	Pharmacognosy and Phytochemistry (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
11	Core	BPT211P	Physical Pharmaceutics (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
12	Elective	BPT212P SEC*	BP212P SEC1 Communication Skills BP212P SEC2 Mental Well-Being, Stress & Conflict Management BP212P SEC3 Fundamentals of Computer Operations	2	-	10	10	3 Hr	30	3 Hr	50	1
13	ECA-II	-	-	-	-	-	-	-	-	-	-	0
Total				22	15	160	160	24 Hr	480	32.5 Hr	800	26

Second Year, Semester-III

S.N.	Course Type	Paper Code	Subject	L	P	Continuous mode	Minor Exam		Major exam		Total	Credit
							Marks	Duration	Exam	Duration		
1	Core	BPT301T	Introduction to Machine Learning in Pharmaceutical Sciences (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
2	Core	BPT302T	Environmental Sciences (Theory)	1	-	10	10	1 Hr	30	1.5 Hr	50	1
3	Core	BPT303T	Ethics and Universal Human Values (Theory)	1	-	10	10	1 Hr	30	1.5 Hr	50	1
4	Core	BPT304T	General Pharmacology (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
5	Core	BPT305T	Heterocyclic Compounds and Stereochemistry (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
6	Core	BPT306T	Pharmaceutical Dosage Forms I (Theory)	3		15	15	1 Hr	45	2 Hr	75	3
7	Core	BPT307T	Pharmaceutical Engineering (Theory)	3		15	15	1 Hr	45	2 Hr	75	3
8	Core	BPT308T	Pharmaceutical Microbiology (Theory)	3		15	15	1 Hr	45	2 Hr	75	3
9	Core	BPT309P	General Pharmacology (Practical)	-	4	10	10	4 Hr	30	4 Hr	50	2
10	Core	BPT310P	Heterocyclic Compounds and Stereochemistry (Practical)	-	4	10	10	4 Hr	30	4 Hr	50	2
11	Core	BPT311P	Pharmaceutical Dosage Forms I (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
12	Elective	BPT312P AEC*	BPT312P AEC1	2	-	10	10	3 Hr	30	3 Hr	50	1
			BPT312P AEC2									
			BPT312P AEC3									
13	ECA-III			-	-	-	-	-	-	-	-	0
Total				21	11	145	145	22 Hr	435	28.5	725	25

*Additional Subjects for only for Lateral Entry Students

1	Core	BPT101T	Basics of Python Programming for Pharmaceutical sciences (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
2	Core	BPT103T	Healthcare Psychology and Communication Skills (Theory)	1	-	10	10	1 Hr	30	1.5 Hr	50	1
3	Core	BPT108P	Healthcare Psychology and Communication Skills (Practical)	-	2	10	10	3 Hr	30	3 Hr	50	1
Total lateral entry courses				24	13	175	175	27Hr	525	34.5Hr	875	29
Credit Transferred for D.Pharm. Qualification												41
*Total (for lateral entry students)												70

***Note:** Lateral Entry students shall register for the regular Semester III B.Pharm. courses carrying 25 credits and additionally register and complete the above courses carrying 4 credits. In accordance with the credit-transfer provisions for lateral entry, 41 credits shall be awarded for the D.Pharm. Qualification. Thus, the cumulative credits recognized at the commencement III semester of the lateral-entry B.Pharm. Program shall be 70 credits (25 + 4 + 41).

Second Year, Semester-IV

S.N.	Course Type	Paper Code	Subject	L	P	Continuous mode	Minor Exam		Major Exam		Total	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT401T	Herbal Drug Technology (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
2	Core	BPT402T	Medicinal Chemistry (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
3	Core	BPT403T	Pharmaceutical Biotechnology (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
4	Core	BPT404T	Social Pharmacy and Public Health (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
5	Core	BPT405T	Systemic Pharmacology I (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
6	Core	BPT406P	Herbal Drug Technology (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
7	Core	BPT407P	Medicinal Chemistry (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
8	Core	BPT408P	Pharmaceutical Biotechnology (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1

9	Core	BPT409P	Social Pharmacy and Public Health (Practical)	-	2	10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT410P	Systemic Pharmacology I (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
11	Core	BPT411II	Internship (Mandatory)	-	-	-	-	-	100	4 Hr	100	4
12	ECA-IV	-	-	-	-	-	-	-	-	-	-	0
			Total	14	14	120	120	20	460	28.5 Hr	700	23
*Additional Subjects for only for Lateral Entry Students												
1	Core	BPT201T	Applied Biostatistics and Data Analytics for Pharmaceutical Sciences (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
Total (for lateral entry students)				16	14	130	130	21 Hr	490	30 Hr	750	25

***Note:** Lateral Entry students shall register for the regular Semester IV B. Pharm. courses carrying 23 credits and shall additionally register and complete the above course carrying 2 credits. Thus, the cumulative credits recognized at the commencement of IV Semester of lateral-entry B. Pharm. program shall be 25 credits (23 + 2).

Third Year, Semester-V

S.N.	Course type	Paper Code	Subject	L	P	Continuous Mode	Minor Exam		Major Exam		Total	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT501T	Biomedical Chemistry (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
2	Core	BPT502T	Industrial Pharmacognosy (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
3	Core	BPT503T	Innovation and Startup Ecosystem (Theory)	2	-	10	10	1 hr	30	1.5 Hr	50	2
4	Core	BPT504T	Pharmaceutical Dosage Form II (Theory)	2	-	10	10	1 Hr	30	1.5 hr	50	2
5	Core	BPT505T	Pharmaceutical Quality Assurance (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
6	Core	BPT506T	Systemic Pharmacology II (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3

7	Core	BPT507P	Biomedical Chemistry (Practical)	-	4	10	10	4 Hr	30	4 Hr	50	2
8	Core	BPT508P	Industrial Pharmacognosy (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
9	Core	BPT509P	Pharmaceutical Dosage Form II (Practical)	-	3	10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT510P	Systemic Pharmacology II (Practical)	-	4	10	10	4 Hr	30	4 Hr	50	2
11	ECA-V	-	-	-	-	-	-	-	-	-	-	0
Total				16	14	120	120	20 Hr	360	25 Hr	600	22

Third Year, Semester-VI

S.N.	Course Type	Paper Code	Subject	L	P	Continuous Mode	Minor Exam		Major Exam		Total	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT601T	Advanced Pharmacognosy (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
2	Core	BPT602T	Biopharmaceutics and Pharmacokinetics (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
3	Core	BPT603T	Intellectual Property Rights (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
4	Core	BPT604T	AI applications in Pharmaceutical Sciences (Theory)	2	-	10	10	1 Hr	30	1.5 Hr	50	2
5	Core	BPT605T	Pharmaceutical Analysis (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
6	Core	BPT606T	Pharmaceutical Jurisprudence (Theory)	3	-	15	15	1 Hr	45	2 Hr	75	3
7	Elective	BPT607T AEC*	BPT607T AEC1 Green Chemistry	1	-	10	10	1 Hr	30	1.5 Hr	50	1
8			BPT607T AEC2 Materiovigilance and Hemovigilance									
			BPT607T AEC3 Scientific Writing									
			BPT607T AEC4 Drug Store and Business Management									
9			BPT607T AEC5 Career Building in Cultivation of Medicinal Plants									
			BPT607T AEC6 Active Pharmaceutical									

[illegible]

Fourth Year, Semester-VII

S.N.	Course Type	Paper Code	Subject	L	P	Continuous Mode	Minor Exam		Major Exam		Total	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT701T	Biostatistics Research methodology (Theory)	3	--	15	15	15	45	2 Hr	75	3
2	Core	BPT702T	Cosmetics and Cosmeceuticals (Theory)	2	--	10	10	10	30	1.5 Hr	50	2
3	Core	BPT703T	AI in Clinical applications (Theory)	2	--	10	10	10	30	1.5 Hr	50	2
4	Core	BPT704T	Modern Analytical Techniques (Theory)	3	--	15	15	15	45	2 Hr	75	3
5	Core	BPT705T	Pharmacovigilance (Theory)	3	--	15	15	15	45	2 Hr	75	3
6	Core	BPT706T	Pharmacy Practice (Theory)	3	--	15	15	15	45	2 Hr	75	3

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7	Core	BPT707T	Regulatory Affairs (Theory)	2	--	10	10	1 Hr	30	1.5 Hr	50	2*
8	Elective	BPT708T AEC	BPT708T AEC1	1	--	10	10	1 Hr	30	1.5 Hr	50	1
			BPT708T AEC2									
			BPT708T AEC3									
			BPT708T AEC4									
			BPT708T AEC5									
			BPT708T AEC6									
9	Core	BPT709P	Modern Analytical Techniques (Practical)	3		10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT710RP	Research Project	--	--	-	-	-	150	4 Hr	150	6
11	ECA-VII	-	-	-	-	-	-	-	-	-	-	0
Total				19	3	110	110	11 Hr	480	21 Hr	700	26

Fourth Year, Semester-VIII

S.N.	Category	Paper Code	Subject	L	P	Continuous Mode	Minor Exam		Major Exam		Total	Credit
							Marks	Duration	Marks	Duration		
1	Core	BPT801T	Ethical Considerations and Translational Applications of AI in Pharmacy (Theory)	2	--	10	10	1 Hr	30	1.5 Hr	50	2
2	Core	BPT802T	Clinical Pharmacotherapeutics (Theory)	2	--	10	10	1 Hr	30	1.5 Hr	50	2
3	Core	BPT803T	Industrial Pharmacy and Facility Design (Theory)	3	--	15	15	1 Hr	45	2 Hr	75	3
4	Core	BPT804T	Pharmaceutical Management (Theory)	2	--	10	10	1 Hr	30	1.5 Hr	50	2
5	Core	BPT805T	Sterile Dosage Forms and Novel Drug Delivery	3	--	15	15	1 Hr	45	2 Hr	75	3

6	Elective	BPT806T AEC*	System (Theory)		2	--	10	10	1 Hr	30	1.5 Hr	50	2
			BPT806T AEC1	Pharmaceutical Packaging									
			BPT806T AEC2	Supply Chain Management									
			BPT806T AEC3	Industrial Safety and Waste Management									
			BPT806T AEC4	Traditional Healing Practices of India									
			BPT806T AEC5	Futuristic Pharma through AR/VR: Pharma 4.0									
			BPT806T AEC6	Herbal Cosmetics for Industry Perspective									
7	Core	BPT807P	Pharmaceutical Marketing Skills (Practical)		--	2	10	10	3 Hr	30	3 Hr	50	1
8	Core	BPT808P	Sterile Dosage Forms and Novel Drug Delivery System (Practical)			4	10	10	4 Hr	30	4 hr	50	2
9	Elective	BPT809P VAC*	BP809P VAC1 BP809P VAC2 BP809P VAC3	Cleaning Validation Basic Training in Aseptic Handling Techniques Impurity Profiling		2	10	10	3 Hr	30	3 Hr	50	1
10	Core	BPT810RP	Research Project										
			Total		14	8	100	100	16 Hr	450	24 Hr	650	24