MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102

MB SCHOOL OF PHARMACEUTICAL SCIENCES

Pharm.D

MBU23 Academic Regulations and Curriculum
(Version 1.0)
(Academic Regulations are applicable to Pharm.D and Pharm.D(PB)
Programs offered by MB School of Pharmaceutical Sciences in MBU
from 2023-24 onwards)

Vision

To be a globally respected institution with an innovative and entrepreneurial culture that offers transformative education to advance sustainability and societal good.

Mission

- ❖ Develop industry-focused professionals with a global perspective.

- ❖ Offer academic programs that provide transformative learning experiencefounded on the spirit of curiosity, innovation, and integrity.

- ❖ Create confluence of research, innovation, and ideation to bring about sustainable and socially relevant enterprises.

- ❖ Uphold high standards of professional ethics leading to harmonious relationship with environment and society.

MB SCHOOL OF PHARMACEUTICAL SCIENCES

Vision

To become a Pioneer in education, research and comprehensive pharmacy practice through effective and novel instruction strategies, innovative practice, experiential learning, robust research and consultancy

Mission

- ❖ The department strives to achieve excellence in pharmacy education and practice, by imparting quality education, generating competent, skilled manpower to face the scientific and social challenges, with a high degree of credibility, integrity, ethical standards and social concern.

- ❖ Develop Clinical Pharmacist for the provision of pharmaceutical care to patients and clinical staff of the health care system.

- ❖ Participate in research programs that promote the development of new drugs useful in the management of diseases.

- ❖ Igniting passion among students as entrepreneurs in the fields of practice, health outcomes research and business intelligence.

❖ Develop viable outreach program for societal benefit

PROGRAM EDUCATIONAL OBJECTIVES

After few years of graduation, the graduates of Pharm. D will:

PEO1. Promulgate the compendious Pharm. D (PB) program with professional knowledge, skills, research and competencies to work in all the domains of pharmaceutical sciences

PEO2. Provide students with Knowledge and abilities to deliver pharmaceutical care in all clinical settings.

PEO3. Develop creative thinking in clinical pharmacy services and encourage adaptation to changing patterns in medical research.

PEO4. Instigate experiential learning practices and hands on training in advanced clinical pharmacy practice services.

PROGRAM OUTCOMES

On successful completion of the Program, the graduates of Pharm.D Program will be able to:

PO1. Apply the **knowledge** of pharmaceutical sciences and practice in providing solution of complex clinical pharmacy practice and pharmaceutical care.

PO2. Apply knowledge and skills to **analyze** day-to-day professional needs of the health care by serving hospital, community and industrial needs.

PO3. Design **solutions** in patient care area and clinical drug development by applying skills developed during pharmacy education.

PO4. Utilize research-based knowledge and research methods for **complex problems** by experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Utilize appropriate techniques, resources, and modern pharmaceutical and IT **tools** including drug information database, statistical analysis, PK/PD modeling prediction and bioinformatics modeling.

PO6. Create awareness regarding **societal,** health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Clinical pharmacy practice.

PO7. Understand the impact of the professional pharmaceutical solutions in societal and **environmental** contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Apply **ethical** principles and commit to professional ethics and responsibilities and norms of the clinical Pharmacy practice.

PO9. Function **effectively** as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communicate effectively on complex clinical problems with the pharmacy communicate and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Demonstrate knowledge and understanding of the **project and financial management** principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Recognize the need for, and have the preparation and ability to engage in independent and **life-long learning** in the broadest context of modern medical sciences.

PROGRAM SPECIFIC OUTCOMES

On successful completion of the Program, the graduates of Pharm.D Program will be able to:

PSO 1. Acquire knowledge in the field of synthetic and natural sources of drugs with their chemistries as well as formulation and evaluation including their regulatory requirements.

PSO 2. Understand the fundamentals in physiology, anatomy, biochemistry, microbiology and pathophysiology understand pharmacotherapy and able to explain the pharmacological and toxicological aspects of various drugs.

PSO 3. Apply their expertise in pharmacovigilance, clinical research, pharmacoepidemiology and economics.

PSO 4. Comprehend the role of pharmaceutical care concepts of hospital, community and clinical pharmacy for serving the society.

1. Preamble

Modern era students would like to take decisions on their own and plan their future accordingly. Students would like to pursue education as per their pace. On other hand, employers expect multidisciplinary competency, leadership skills and computer literacy along with lifelong learning skills from the students. The conventional learning system has narrow scope with regard to flexibility in choosing courses of their choice to become a well-rounded personality. It is essential that the present education system should address this and provide wide opportunities for students to choose programs and courses of their interest in order to realize their full potential which in turn leads to the nation development. Further, natural resources are depleted globally at a faster rate. Hence, sustainable development has become the agenda for the complete world to preserve natural resources and environment for the sake of future generations. In addition, the world is embracing disruptive technologies to improve the quality of life. Also, students should be nurtured with skills on higher order cognitive capacities, research, innovation, incubation and entrepreneurship; life skills; social consciousness, inclusiveness, equality, culture, languages, literature, ethics and values; basic arts, crafts, humanities, games, sports and fitness.

In this context, Mohan Babu University has taken initiative and brought out Academic Regulations addressing Choice Based Credit System, sustainable development, disruptive technologies, rapid change in knowledge landscape, change in employment landscape, change in global ecosystem and other areas of national and international importance to change country's educational landscape and in turn country's landscape.

MBU23 Academic Regulations embrace Choice Based Credit System, project-based learning, enhanced practical component, etc.

2. Scope

The rules and regulations stated herein shall be called "MBU23 Academic Regulations" in its complete form. MBU23 academic regulations as given in this document are applicable to students admitted in PG Programs offered under MBU from the academic year 2023-24 onwards. All academic programs under MBU23 shall be decided by the Academic council. MBU23 is applicable for both existing as well as new programs offered by the MBU, until and unless it is explicitly stated.

3. Regulations for Pharm.D and Pharm.D (P.B) Programs offered under MBU

These regulations shall be called "The Regulations for the Pharm.D and Pharm.D(P.B) Degree Programs". They shall come into effect in the academic year 2023–24. The regulations framed are subject to modifications from time to time by Mohan Babu University (MBU) in line with the Pharmacy Council of India (PCI).

4. Definitions and Nomenclature

'*Degree*' means the academic award conferred upon a student on successful completion of any program of study designed to achieve the defined attributes.

'*Program*' means cohesive arrangement of courses, co-curricular and extracurricular activities to accomplish predetermined objectives leading to the awarding of a degree in a branch or discipline. Some Degree programs also provide options to specialize in a specific domain of interest in a branch or discipline.

'Course' means any combination of lecture, tutorial, practical and project-based learning sessions of a subject studied in a year, like Pharmaceutics, Pharmaceutical Analysis, Pharmacology and Pharmacognosy, Pharmacotherapeutics etc.

5. Admission

5.1 Number of Seats: The number of seats in Pharm.D and Pharm.D(P.B) programs for which admission is to be made will be decided by the Board of Management, MBU with approval from Pharmacy Council of India.

5.2 Nationality and Age:

Resident Indian or Non-Resident Indian (NRI), holder of PIO or OCI card issued by Government of India is eligible to apply for Selection Process.

Note: NRIs, holders of PIO or OCI card issued by Government of India must apply under international student category only.

Student should have attained the age of 17+ years on the 31st December of the year in which he/she is seeking admission in Pharm.D.

Student should have attained the age of 21+ years on the 31st December of the year in which he/she is seeking admission in Pharm.D(PB).

5.3.a. Eligibility Criteria for Pharm.D Program

A Pass in the following examinations

  a) 10 + 2 examination with Physics and Chemistry as compulsory subjects along with either mathematics or Biology.

  b) A pass in D.Pharm course from an institution approved by Pharmacy Council of India under section 12 of Pharmacy Act

  c) Any other qualification approved by Pharmacy Council of India as equivalent to any of the above examinations

5.3.b. Eligibility Criteria for Pharm.D (P.B) Program

A Pass in the following examinations

a) B. Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55 % of the maximum marks (aggregate of 4 years of B. Pharm)

b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (Bachelor of Pharmacy)

Candidates with valid scores in National level entrance exams like GPAT, PGCET is eligible for direct admission in Pharm.D (P.B)

5.4 Authority for Admission: Any matter related to admission to any program, the decision of

the Admission Committee is final.

If, at any time after admission, it is found that a candidate has not fulfilled the requirements stipulated in the offer of admission, the concerned School Dean may revoke the admission of the candidate and report the matter to the Vice Chancellor.

In Addition to the above, admissions will be based on the rules and regulations of the UGC/Competent authorities in force at the time of admissions.

6. Academic System

6.1 Annual system

Pharm.D program offered by MB School of Pharmaceutical Sciences shall follow the year system. The Program is for 6 years (course work for five academic years and one-year internship).

Pharm.D(P.B) program offered by MB School of Pharmaceutical Sciences shall follow the year system. The Program is for 3 years (course work for two academic years and one-year internship).

6.2 Curriculum

The university Academic Regulations shall have 5-digit alpha-numeric representation that refers to University Name followed by last two digits of Calendar Year viz. MBU23 Regulations. Program Curriculum shall have the corresponding Academic Year representation. Students admitted into a program shall adopt a curriculum specified by the Academic Council for that academic year. Unless otherwise stated explicitly by the Academic Council, any curriculum changes will be applicable to the students admitted in the subsequent year and the existing batches continue to follow the curriculum prescribed at the time of their joining the program.

6.3 Course Classification

Courses may be classified as Theory, Practical, Project work, Clerkship and Internship.

6.4 Syllabus

The syllabus of a course provides what the student will learn in the course of study. Each course syllabus document contains course code, course title, L T P, course description, course outcomes, module-wise topics, duration to cover each module, text books, reference books, video lectures and web resources for additional learning.

6.5 Course Handout

A Course Handout consists of a detailed plan of lectures and its mode of delivery, List of Exercises/Experiential learning, Resources, Evaluation methods, Model Question paper and CO Attainment Targets.

7. Academic Calendar

The academic calendar includes the dates with regard to course registrations, spell of instructions, continuous internal assessment tests, year-end theory examinations, practical examinations and year holidays. The Registrar will communicate the Academic calendar to the Departments/ Schools, and the same will be available on the website. The dates and schedules in the academic calendar may change in specific programs due to regulatory and local requirements. In such cases, the concerned School Dean with prior authorization will communicate the changes to the

students. The revised academic calendar will also made available on the website.

8. Course Registration

Immediately after joining the University, each student shall be assigned a Mentor by the Department/School concerned. The mentor shall discuss with the student on their academic performance year-wise, periodically, and guide the student on nature and number of courses to be registered in the ensuing year, within the framework of that program curriculum.

❖ Through the course registration process, every year, it is mandatory for the students to register for the courses specified in the year as and when notified, with the approval of the mentor.

❖ Students shall not be permitted to register for the courses if the student has any outstanding dues to the University.

8.1 Arrear Examination:

❖ If a student failed in a course, then the student is allowed to register for arrear examinations as and when notified.

❖ If a student has backlog courses after completion of the program of study, a provision is given to clear the courses by appearing any number of arrear examinations upon the notifications within the stipulated program duration.

9. Attendance Requirements

❖ A student shall be eligible to appear for year-end examinations if he acquires a minimum of 80% of attendance in aggregate of all the courses in a year.

❖ Condonation of shortage of attendance in aggregate up to 10% (70% and above and below 80%) in each year may be granted by the School Dean.

❖ Shortage of attendance below 70% in aggregate shall in no case be condoned.

❖ Students whose shortage of attendance is not condoned in any year shall not be eligible to take their year-end examination and their registration shall stand cancelled.

❖ Student shall not be promoted to the next year unless he satisfies the attendance requirements of the year, as applicable. The student may seek readmission for the year when offered next. He will not be allowed to register for the courses of the year while he is in detention.

❖ Stipulated fee shall be payable to the university towards condonation of shortage of attendance.

❖ In the remaining 20% of attendance, the student shall manage medical/personnel/ casual/official absence for organizing events/ seminars/ workshops/ technical/ cultural festivals/ competitions/ participation in co- curricular/ extra-curricular events/NCC/NSS activities or any other reason. However, attendance shall be given at actuals for participating in NCC/NSS activities at National level.

10. Academic requirement for promotion/completion of program of study

For Pharm.D

- ➢ A student shall not be promoted from first year to second year of program of study if he/she failed more than two courses/subjects in first year program of study.

- ➢ A student shall not be promoted from second year to third year of program of study if he not PASS all the courses/ subjects pertaining to first year program of study and failed more than two courses/subjects of second year program of study.

- ➢ A student shall not be promoted from third year to fourth year of program of study if he not PASS all the courses/ subjects pertaining to second year program of study and failed more than two courses/subjects of third year program of study.

- ➢ A student shall not be promoted from fourth year to five year of program of study if he not PASS all the courses/ subjects pertaining to third year program of study and failed more than two courses/subjects of fourth year program of study.

- ➢ A student shall not be promoted from fifth year to sixth year of program of study if he not PASS all the courses/ subjects pertaining to fourth year program of study and failed more than two courses/subjects of fifth year program of study.

- ➢ The student shall register for all the courses as per the course structure. Marks obtained in all the courses shall be considered for the calculation of award of CLASS.

A student who fails in completion of all courses as per the course structure with in maximum duration of program of study then the admission shall forfeit his seat in the program of study and his/her admission stands cancelled.

For Pharm.D(PB)

- ➢ A student shall not be promoted from first year to second year of program of study if he/she failed more than two courses/subjects in first year program of study.

- ➢ A student shall not be promoted from second year to third year of program of study if he not PASS all the courses/ subjects pertaining to first year program of study and failed more than two courses/subjects of second year program of study.

- ➢ The student shall register for all the courses as per the course structure. Marks obtained in all the courses shall be considered for the calculation of award of CLASS.

- ➢ A student who fails in completion of all courses as per the course structure with in maximum duration of program of study then the admission shall forfeit his seat in the program of study and his/her admission stands cancelled.

11. Evaluation Criteria

11.1 Scheme of Evaluation

All components in any Program of Study shall be evaluated through Internal Evaluation and/or

Year End Evaluation.

Course Type	Marks	Examination and Evaluation		Scheme of Examination
Theory	30	20	Mid Examination (60 Minutes)	Three Mid Examinations each for 20 marks shall be conducted and average of two best among the three shall be considered for 20 marks. • The question paper for Mid-I, II & III shall be of descriptive type with two parts i.e., Part A and Part B • Part A contains 6 short answer questions [(Q 1 (a) to (f)] out of which student shall answer 5 questions and each shall be evaluated for 2 marks • Part B contains 2 descriptive questions [(Q 2 (a) to (b)] out of which student shall answer 1 question and the same shall be evaluated for 10 marks.
		10	Continuous Assessment	The student shall be assessed based on the following parameters three times in a year. • **Attendance – Max. 4 Marks** | Percentage of Attendance	Marks
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95 – 100	4
90 – 94	3
85 – 89	2
80 – 84	1
Less than 80	0	 • **Academic activities – Max. 3 Marks** (Average of any 3 activities Eg. Quiz, Assignment, Open Book Test, Fieldwork, Group Discussion and Seminar) • **Student-Teacher interaction – Max. 3 Marks**
		For a total of 30 Marks, the average of sum of Mid-I & First Continuous Assessment marks, sum of Mid-II & Second Continuous Assessment marks and Mid-III Third Continuous Assessment marks shall be considered.		
		70	Year End Examination (180 Minutes)	The examination shall be conducted for 70 marks The question paper shall of descriptive type with two parts i.e., Part-A and Part-B. Part-A shall contain 10 short answer questions [Q. No. 1 (a) to (j)] out of which student should be answering 8 question and each shall be evaluated for 5marks. Part-B shall contain Four questions [totally Fourteen questions from Q. No. 2 to 5)] of which student has to answer 2 questions and each shall be evaluated for 15 marks.

Course Type	Marks	Examination and Evaluation		Scheme of Examination
Practical	30	05	Day-to-day Evaluation	Day-to-day evaluation based on the performance in the conduction of laboratory experiments and its records & Viva voce for 05 Marks

				Percentage of Attendance	Marks	
		05	Attendance	95 – 100	10	
				90 – 94	7.5	
				85 – 89	5	
				80 – 84	2.5	
				Less than 80	0	
		20	Internal Examination (240 Minutes)	• Two Internal Examinations each for 20 marks shall be conducted and the best among the two shall be considered for 20 marks. • Evaluation shall be on the following parameters. ➢ Part A – Synopsis for 5 marks ➢ Part B – Major Experiment for 10 marks, ➢ Part C – Minor experiment for 3 marks ➢ Part D – Viva voce for 2 marks. The distribution of marks may be altered as per the course requirement.		
	70		Year End Examination (240 Minutes)	• Evaluation shall be on the following parameters. ➢ Part A – Synopsis for 15 marks ➢ Part B – Major Experiment for 25 marks, ➢ Part C – Minor experiment for 15 marks ➢ Part D – Viva voce for 15 marks. The distribution of marks may be altered as per the course requirement.		
Project Work	30		Internal Examination	Write up of the seminar - 7.5 marks Presentation of work (7.5) Communication skills (7.5) Question and answer skills (7.5)		
	70		Year End Examination	Write up of the seminar (17.5) Presentation of work (17.5) Communication skills (17.5) Question and answer skills (17.5)		
Clerkship	30		Internal Examination	Detailed in Section 11.3		
	70		Year End Examination			
Internship	-		Year End Evaluation	Detailed in Section 11.4		

11.2 Project work

A Student has to take up and complete project work in second year. He or she has to identify the topic of project work, collect relevant literature, preliminary data, implementation tools/ methodologies, practical investigations, implementation, analysis of results, validation and report writing.

The student shall be allowed to develop data collection and reporting skills in the area of community, hospital and clinical pharmacy, a project work shall be carried out under the supervision of a faculty. The project topic must be approved by the Head of the Department or Head of the Institution. The same shall be announced to students within one month of commencement of the Second-year classes. Project work shall be presented in a written report and as a seminar at the end of the year. External and the internal examiners shall do the assessment of the project work.

Internal Examination

A student has to present the progress of the Research Work to the Project Evaluation Committee (PEC). The performance of the student shall be evaluated on the basis of TWO reviews along with detailed discussions. Each review shall be conducted for a maximum of "30" marks. The average of two review marks shall be finalised for a maximum of 30 marks.

The Project Evaluation Committee (PEC) consisting of concerned supervisor and two senior faculty members shall monitor the progress of the project work of the student. The PEC is constituted by the respective School Dean on the recommendations of the Head of the Department

Year End Examination

The Year-end examination shall be conducted by a Committee consisting of an External Examiner, HOD and concerned Supervisor. If required, multiple committees shall be constituted for multiple sections with prior approval. The External Examiner shall be nominated by the respective School Dean from the panel of Examiners submitted by the Department.

- ❖ The Thesis report shall be made plagiarism check and the report only with less than 20% shall be accepted.
- ❖ It is mandatory that every student has to publish/submit acceptance letter of a paper in a peer reviewed Journal or Conference before year End Examinations. Otherwise, the student is not eligible for submission of thesis report.
- ❖ If the report of the examiner is not favourable, the dissertation should be revised and resubmitted after a minimum period of three months.
- ❖ The students who fail in Project work Viva-Voce examination shall have to re-appear for the Viva-Voce examination after three months.
- ❖ Extension of time for completing the project is to be obtained from the Chairman, Academic Council, MBU.

11.3. Clerkship

The student shall collect the Patient case records from various departments viz, General Medicine, General Surgery, Pediatrics, Psychiatry etc., of the designated hospital during second year of program of study.

Internal Examination
A student has to present the report on the above to the Clerkship Evaluation Committee (CEC). The performance of the student shall be evaluated on the basis of TWO reviews along with

detailed discussions. Each review shall be conducted for a maximum of "30" marks. The average of two review marks shall be finalised for a maximum of 30 marks.

Year End Examination

The Year-end examination shall be conducted by a Committee consisting of an External Examiner, HOD and concerned Supervisor. If required, multiple committees shall be constituted for multiple sections with prior approval. The External Examiner shall be nominated by the respective School Dean from the panel of Examiners submitted by the Department.

11.4 Internship

1. Internship is a phase of training wherein a student is expected to conduct actual practice of pharmacy and health care and acquires skills under the supervision so that he or she may become capable of functioning independently.

2. Every student has to undergo 12 months internship (Full third year of program of study).

3. Other details:

i) All parts of the internship shall be done, as far as possible, in institutions in India. In case of any difficulties, the matter may be referred to the Pharmacy Council of India to be considered on merits.

ii) Where an intern is posted to district hospital for training, there shall be a committee consisting of representatives of the university, and the district hospital administration, who shall regulate the training of such trainee. For such trainee a certificate of satisfactory completion of training shall be obtained from the relevant administrative authorities which shall be countersigned by the Dean of the School.

iii) Every candidate shall be required to undergo internship during the last year of study for the satisfaction of the University concerned for a period of twelve months so as to be eligible for the award of the degree of Pharm.D. or Pharm.D. (Post Baccalaureate) as the case may be.

4. Assessment of internship:

i) The intern shall maintain a record of work which is to be verified and certified by the preceptor (teacher practioner) under whom he works. Apart from scrutiny of the record of work, assessment and evaluation of training shall be undertaken by an objective approach using situation tests in knowledge, skills and attitude during and at the end of the training. Based on the record of work and date of evaluation, the Dean shall issue certificate of satisfactory completion of training, which is mandatory for award of degree.

ii) Satisfactory completion of internship shall be determined on the basis of the following

(1) Proficiency of knowledge required for each case management SCORE 0-5

(2) The competency in skills expected for providing Clinical Pharmacy Services SCORE 0-5

(3) Responsibility, punctuality, work up of case, involvement in patient care SCORE 0-5

(4) Ability to work in a team (Behavior with other healthcare professionals including medical doctors, nursing staff and colleagues). SCORE 0-5

(5) Initiative, participation in discussions, research aptitude.

SCORE 0-5

0-Poor; 1- Fair; 2-Below Average; 3-Average; 4-Above Average; 5-Excellent;

A Score of less than 3 in any of above items will declared as Fail in internship.

If a student is failed in internship, he has to undergo three months internship as extension and appear for reevaluation.

The result of internship Pass/Fail shall be notified in the Mark sheet.

12. Pass Marks:

A student shall be declared as "PASS" in a course if he/she secures a minimum of 50% of the total marks obtained from Internal assessment and year End Evaluation. Otherwise, he/she shall be declared as "FAIL" in that course. This is not applicable for internship.

12.1. Recounting /Revaluation/Personal Verification/ Challenging Evaluation:

Students shall be permitted to apply for Recounting /Revaluation/Personal Verification/ Challenging Evaluation of the Year End Examination answer scripts within a stipulated period after payment of the prescribed fee. After completion of the process of Recounting/ Revaluation/Personal Verification/ Challenging Evaluation, the records are updated with changes if any, and the student shall be issued a revised mark sheet. If there are no changes, the student shall be intimated the same through a notice.

12.2 Improvement of Internal Assessment

A student shall have the opportunity to improve his/ her performance only once in the mid exam component of internal assessment. The reconduct of mid exam shall be completed before the commencement of end examination of that year.

13. Withholding of Results

Results may be withheld in a year, if
  ❖ The student has any dues to the Department/ School/ University
  ❖ Action arising out of malpractice is pending
  ❖ Action arising out of indiscipline is pending
  ❖ The student whose result was withheld shall not be allowed/promoted to the next higher year.

After successful completion of the program and minimum pass mark requirements as specified in the program curriculum, a Provisional Certificate will be issued to eligible students. The degree will be conferred on the student during the subsequent Convocation. The degree certificate will indicate the name of the Program of study, in which the student has graduated. Example: 'Doctor of Pharmacy (Post Baccalaureate)

14. Award of Class

The marks requirement for the award of class is as follow

Percentage of marks Secured	Class Awarded
≥ 75	First Class with Distinction
≥60 and <74.99	First Class
≥50 and <59.99	Second Class

15. Migration / Transfer of Candidates

❖ If a student discontinued in any of the year and later, he wishes to continue in the same program, then the he shall follow the latest regulations and curriculum that is being implemented during readmission into the same year. However, the earned marks before discontinued shall be transferred and he has to complete his degree within the stipulated program duration.

❖ A similar procedure shall be adopted for the candidates who are seeking admission from other universities into various eligible programs of the University, subject to the condition that those Universities are recognized and approved for transfer by MBU.

❖ If the other Universities follow a different system, then the program School into which the student is seeking admission/ transfer shall work out on equivalence that are to be transferred with valid supporting documentation.

❖ The number of completed courses thus transferred will be considered for the minimum requirements of the program, but not considered for award of class calculations. The courses along with secured marks thus transferred will be indicated at the bottom of the Consolidated mark sheet as 'Total Courses Transferred from (Name of the Institute, place and Country)' and no breakup of courses will be listed.

Award of degree classification is purely based on the marks secured considering during the program of study with the MBU.

16. Program Duration

Minimum Duration: The minimum duration for Pharm.D and Pharm.D(PB) Programs is detailed below

A student is said to be completed the program only if he/she successfully pass all courses as specified in their program curriculum. However, the degree shall be awarded only upon the completion of minimum duration of the program concerned.

Maximum Duration: if a student has backlog courses even after the completion of the minimum duration limit, an additional grace period equivalent to double the period of minimum duration of the program of study shall be extended. Under no circumstances, the period of study shall be extended beyond the above limit and thereafter his/her studentship stands cancelled automatically. No separate intimation in this regard will be sent to the student.

17. Award of Degree

Eligibility: A student shall be eligible for the award of Pharm.D Degree or Pharm.D(PB) if he fulfills all the following conditions:

- Registered and successfully completed all the components prescribed in the Program of study to which he is admitted.
- Has NO DUES to the University, Hostel, Library etc. and to any other amenities provided by the University.
- No disciplinary action is pending against him.

After successful completion of the program and minimum pass requirements as specified in the program curriculum, a Provisional Certificate will be issued to eligible students. The degree will be conferred on the student during the subsequent Convocation.

18. Amendments to Regulations

The Academic Council headed by the Vice-Chancellor of the University has the right to revise, amend, or change any component of regulations from time to time. In case of any dispute arising in interpreting the rules, the Academic Council's interpretation shall be the final decision.

19. General

The words such as "he", "him", "his" and "her" shall be understood to include all students irrespective of gender connotation.

Note: Failure to read and understand the regulations is not an excuse.

GUIDELINES FOR DISCIPLINARY ACTION FOR MALPRACTICES / IMPROPER CONDUCT IN EXAMINATIONS

Rule No.	Nature of Malpractices/Improper conduct	Punishment
	If the candidate:	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the course of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the course of the examination)	Expulsion from the examination hall and cancellation of the performance in that course only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that course only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the course of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the courses of that Year. The Hall Ticket of the candidate is to be cancelled.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred for four consecutive years from class work and all Year-end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the courses of the examination (including labs and project work) already appeared and shall not be allowed to appear for examinations of the remaining courses of that year. The candidate is also debarred for four consecutive years from class work and all Year-end examinations, if his involvement is established. Otherwise, The candidate is

Rule No.	Nature of Malpractices/Improper conduct	Punishment
	If the candidate:	
		debarred for two consecutive years from class work and all Year-end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that course and all the other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses of that year. The candidate is also debarred for two consecutive years from class work and all Year-end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that course only.
6.	Refuses to obey the orders of the Chief Controller of Examinations/Controller of Examinations/any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the Controller of Examinations or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the Controller of Examinations, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that course and all other courses the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the courses of that year. If the candidate physically assaults the invigilator/Controller of the Examinations, then the candidate is also debarred and forfeits his/her seat. In case of outsiders, they will be handed over to the police and a police case is registered against them.

Rule No.	Nature of Malpractices/Improper conduct	Punishment
	If the candidate:	
	tendency to disrupt the orderly conduct of the examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that course and all the other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses of that year. The candidate is also debarred for two consecutive years from class work and all Year-end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that course and all other courses the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the courses of that year. The candidate is also debarred and forfeits the seat.

Note: Whenever the performance of a student is cancelled in any course(s) due to Malpractice, then it shall be treated as failed in that course.

Course Structure

Pharm. D

I Year

S. No.	Course Code	Course Title	Contact Periods per Week				Scheme of Examination Max. Marks		
			L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PC201001	Human Anatomy and Physiology	3	1	-	4	30	70	100
2.	23PH201008	Pharmaceutics	2	1	-	3	30	70	100
3.	23PA201009	Medicinal Biochemistry	3	1	-	4	30	70	100
4.	23PA201010	Pharmaceutical Organic Chemistry	3	1	-	4	30	70	100
5.	23PA201011	Pharmaceutical Inorganic Chemistry	2	1	-	3	30	70	100
6.	23PC205001	Human Anatomy and Physiology Practical	-	-	3	3	30	70	100
7.	23PH205003	Pharmaceutics Practical	-	-	3	3	30	70	100
8.	23PA205003	Medicinal Biochemistry Practical	-	-	3	3	30	70	100
9.	23PA205004	Pharmaceutical Organic Chemistry Practical	-	-	3	3	30	70	100
10.	23PA205005	Pharmaceutical Inorganic Chemistry Practical	-	-	3	3	30	70	100
11.	23PY201002	Remedial Mathematics *	3	1	-	4	30	70	100
12.	23PY201003	Remedial Biology*							
13.	23PY205001	Remedial Biology Practical *	-	-	3	3	30	70	100
		Total	**16**	**06**	**18**	**40**	**360**	**840**	**1200**

*

1. Students who had studied Higher Secondary (10+2) with Mathematics, Physics and Chemistry should mandatorily study Remedial Biology (Theory) and Remedial Biology (Practical).

2. Student who studied Biology, Physics and Chemistry in Higher Secondary then he/she mandatorily study Remedial Mathematics (Theory) only.

3. If a student studied Mathematics and biology in Higher secondary, then the student shall choose any one of the above combinations.

II Year

S. No.	Course Code	Course Title	L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PP201001	Pathophysiology	3	1	-	4	30	70	100
2.	23PH201009	Pharmaceutical Microbiology	3	1	-	3	30	70	100
3.	23PY201004	Pharmacognosy and Phytopharmaceuticals	3	1	-	4	30	70	100
4.	23PC201002	Pharmacology – I	2	1	-	3	30	70	100
5.	23PP201002	Community Pharmacy	2	1	-	3	30	70	100
6.	23PP201003	Pharmacotherapeutics – I	3	1	-	4	30	70	100
7.	23PH205004	Pharmaceutical Microbiology Practical	-	-	3	3	30	70	100
8.	23PY205002	Pharmacognosy and Phytopharmaceuticals Practical	-	-	3	3	30	70	100
9.	23PP205001	Pharmacotherapeutics – I Practical	-	-	3	3	30	70	100
		Total	**16**	**06**	**9**	**30**	**270**	**630**	**900**

III Year

S. No.	Course Code	Course Title	L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PC201003	Pharmacology - II	3	1	-	4	30	70	100
2.	23PA201012	Pharmaceutical Analysis	3	1	-	4	30	70	100
3.	23PP201004	Pharmacotherapeutics - II	3	1	-	4	30	70	100
4.	23PH201010	Pharmaceutical Jurisprudence	2	-	-	2	30	70	100
5.	23PA201013	Medicinal Chemistry	3	1	-	4	30	70	100
6.	23PH201011	Pharmaceutical Formulations	2	1	-	3	30	70	100
7.	23PC205002	Pharmacology – II Practical	-	-	3	3	30	70	100
8.	23PA205006	Pharmaceutical Analysis Practical	-	-	3	3	30	70	100
9.	23PP205002	Pharmacotherapeutics – II Practical	-	-	3	3	30	70	100
10.	23PA205007	Medicinal Chemistry Practical	-	-	3	3	30	70	100
11.	23PH205005	Pharmaceutical Formulations Practical	-	-	3	3	30	70	100
		Total	**16**	**05**	**15**	**36**	**330**	**770**	**1100**

IV Year

S. No.	Course Code	Course Title	L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PP201005	Pharmacotherapeutics-III	3	1	-	4	30	70	100
2.	23PP201006	Hospital Pharmacy	2	1	-	3	30	70	100
3.	23PP201007	Clinical Pharmacy	3	1	-	4	30	70	100
4.	23PY201005	Biostatistics and Research Methodology	2	1	-	3	30	70	100
5.	23PH201012	Biopharmaceutics and Pharmacokinetics	3	1	-	4	30	70	100
6.	23PP201008	Clinical Toxicology	2	1	-	3	30	70	100
7.	23PP205003	Pharmacotherapeutics-III Practical		-	3	3	30	70	100
8.	23PP205004	Hospital Pharmacy Practical		-	3	3	30	70	100
9.	23PP205005	Clinical Pharmacy Practical		-	3	3	30	70	100
10.	23PH205006	Biopharmaceutics and Pharmacokinetics Practical		-	3	3	30	70	100
		Total	**15**	**6**	**12**	**33**	**300**	**700**	**1000**

V Year

S. No.	Course Code	Course Title	L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PP201009	Clinical Research	3	1	-	4	30	70	100
2.	23PP201010	Pharmacoepidemiology and Pharmacoeconomics	3	1	-	4	30	70	100
3.	23PP201011	Clinical Pharmacokinetics and Pharmacotherapeutic Drug Monitoring	2	1	-	3	30	70	100
4.	23PP211001	Clerkship	-	-	3	3	30	70	100
5.	23PP209001	Project work	-	-	18	18	30	70	100
		Total	**8**	**3**	**21**	**32**	**150**	**350**	**500**

VI Year

S. No.	Course Code	Course Title	Contact Periods per Week					Scheme of Examination Max. Marks		
			L	T	P	Total	Int. Marks	Ext. Marks	Total Marks
1.	23PP211002	Internship	-	-	-	-	-	-	-

Internship period: 12 Months (The student has to undergo internship in the designated Hospital)