



Ordinance 18

Curriculum of Diploma in Pharmacy (D. Pharm)

1.0 Short Title and Commencement

These regulations may be called "The revised regulations for the D. Pharm. program of the Pharmacy Council of India, New Delhi". They shall come into force from the Academic Year 2025-2026. D. Pharm. shall consist of a certificate, having passed the course of study and examination as prescribed in these regulations, for the purpose of registration as a pharmacist to practice the profession under the Pharmacy Act, 1948. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.

1.1 Eligibility for Admission

- a) Minimum qualification for admission to Diploma in Pharmacy, pass in 10+2 examination (science academic stream) with Physics, Chemistry and Biology or Mathematics. (OR)
- b) Any other qualification approved by the Pharmacy Council of India as equivalent to the above examination.

1.2 Duration of the course:

- a) The duration of the course shall be for two academic years. Each academic year shall be spread over a period of not less than one hundred and eighty working days.
- b) In addition, there shall be a five hundred hours of practical training spread over a period of not less than three months.

1.3 Medium of Instructions and Examinations

Medium of instruction and examination shall be in English.

1.4 Attendance and Progress

A candidate is required to put in at least 75% attendance in individual

courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

1.5 Certificate of Diploma in Pharmacy

A certificate of Diploma in Pharmacy shall be granted by the examining authority to a successful candidate on producing certificates of having passed the Diploma in Pharmacy Part I and Part II and satisfactory completion of practical training for Diploma in Pharmacy (Part-III).

1.6 Course of study

The course of study for Diploma in Pharmacy Part-I and Diploma in Pharmacy Part-II shall include the subjects as given in Table I & II below. The number of hours devoted to each subject for its teaching in Theory and Practical, shall not be less than that noted against it in columns 2 and 3 of the Tables below. However, the course of study and practical training may be modified by the Pharmacy Council of India from time to time.

Table - I: ER-2020 Diploma in Pharmacy (Part - I)					
Number of Hours					
Course Code	Subject	Total Theory /Practical Hrs.	Total Tutorial Hrs.	Theory / Practical Hrs. per Week	Tutorial Hrs. per Week
ER20-11T	Pharmaceutics- Theory	75	25	3	1
ER20-11P	Pharmaceutics- Practical	75	-	3	-
ER20-12T	Pharmaceutical Chemistry- Theory	75	25	3	1
ER20-12P	Pharmaceutical Chemistry- Practical	75	-	3	-
ER20-13T	Pharmacognosy- Theory	75	25	3	1
ER20-13P	Pharmacognosy- Practical	75	-	3	-
ER20-14T	Human Anatomy & Physiology- Theory	75	25	3	1
ER20-14P	Human Anatomy & Physiology- Practical	75	-	3	-
ER20-15T	Social Pharmacy- Theory	75	25	3	1
ER20-15P	Social Pharmacy- Practical	75	-	3	-
Total		750	125	30	5

Table - II: ER-2020 Diploma in Pharmacy (Part - II)					
Number of Hours					
Course Code	Subject	Total Theory /Practical Hrs.	Total Tutorial Hrs.	Theory / Practical Hrs. per Week	Tutorial Hrs. per Week
ER20-21T	Pharmacology- Theory	75	25	3	1
ER20-21P	Pharmacology- Practical	50	-	2	-
ER20-22T	Community Pharmacy & Management- Theory	75	25	3	1
ER20-22P	Community Pharmacy & Management- Practical	75	-	3	-
ER20-23T	Biochemistry & Clinical Pathology- Theory	75	25	3	1
ER20-23P	Biochemistry & Clinical Pathology- Practical	50	-	2	-
ER20-24T	Pharmacotherapeutics- Theory	75	25	3	1
ER20-24P	Pharmacotherapeutics- Practical	25	-	1	-
ER20-25T	Hospital & Clinical Pharmacy- Theory	75	25	3	1
ER20-25P	Hospital & Clinical Pharmacy- Practical	25	-	1	-
ER20-26T	Pharmacy Law & Ethics	75	25	3	1
Total		675	150	27	6

The course of regular academic study prescribed under regulation shall be conducted in an institution, regulation approved by the Pharmacy Council of India under sub-section (1) of Section 12 of the Pharmacy Act, 1948.

TABLE III: Diploma in Pharmacy (Part III) Practical Training - 500 hours Activities	
1.	Stocking of Drugs and Medical Devices
2.	Inventory Control Procedures
3.	Handling of prescriptions
4.	Dispensing (250hrs)
5.	Patient Counseling

2.0 Syllabus / Exam Scheme: ER-2020 D Pharma Syllabus

The ER-2020 D. Pharm Syllabus has the following structure in every course. Though the theory and practical courses are not mutually exclusive, as per the Regulations, the theory and practical are to be considered as individual courses. Scope: These are broader statements on the purpose of the course in the curriculum, key contents of the course that will contribute to the specific knowledge and or skill developments. The teacher is expected to orient the students about the scope of the particular course at the beginning and intermittently.

Course Objectives: The course objectives describe the key topics that are intended by the teacher to be covered in the course. In general, these are more specific than the scope and broader than the course outcomes. The teacher is expected to discuss the objectives of the course with the students and break-down the course objectives into micro levels as objectives of a specific topic / objectives of a specific lecture, etc. Such an exercise shall make the students to understand the significance of the course / topic / lecture and enhance their attention on the course / topic / lecture.

Course Outcomes: The course outcomes are more specific than the course objectives describe that describe the abilities of the students to perform/act, upon successful completion of the course. Hence, conventionally the course outcomes are described with verbs that are measurable or observable actions. The teacher is expected to describe the desired outcomes of the particular course, so that the students shall understand the various assessment criteria, modalities, and parameters. This also serves as a broader guideline for the teachers for preparing the assessment plan. A well-structured assessment plan associated with the course outcomes shall enable to mapping with the professional competencies and their attainment levels that are attributed to the program outcomes.

Theory Courses: The theory courses basically provide concepts and explain the relationships between the concepts. Understanding of the theoretical courses enable the students to identify the problems in real life situation and plan for addressing such problems. Also, the theory course helps to understand what is not known and thus is the tool for accumulation of knowledge. The syllabus of the theory courses has been

systematically and logically described as different chapters and the minimum number of hours to be spent on teaching are mentioned chapter wise and course wise. The teachers shall further distribute the total hours of any given chapter among the sub-topics as required by the subject matter.

Practical Courses: The practical courses are designed for applying the theoretical knowledge in the given experimental / simulated conditions. The practical courses deepen the understanding of theories, develop the skills, hone professional competencies, provide opportunities to observe, think and analyse problem solving methods. Further, they help to gain experience with the real things in practice. The teachers shall train the students in actual / simulated practical conditions.

Tutorials: The purpose of the tutorial hour is typically to engage the students in smaller groups in order to pay a closer attention on their learning process. This is an opportunity for the students to complete their assignments, develop specific skills, discuss any problems in the study topics in a less formal way. During the tutorial hour, the students shall exchange their ideas within the small group, and learn to accept constructive criticism and listen to others. Also, the tutorial hour enables the teachers to closely monitor the progress of the individual student and provide additional academic support to individuals, if necessary.

Assignments: The purpose the assignments are to encourage the students for self- directed learning. Further, the assignments will provoke critical thinking, enhance the skills such as literature search, data mining, data interpretation, report formatting, time-management, and written communication. This is also a mode of self-assessment for the student about the level of understanding of the concepts of a particular course. The teachers shall apply their knowledge and wisdom in choosing the assignment topics at a micro level in alignment with the topics given in the syllabus. The assignments shall be evaluated against a set of criteria. A typical format for the assessment of an assignment is given in Appendix -1.

Field Visits: The purpose of field visits is to provide a real-world experience to the students. The field visits will help them to realize that what they learn within the walls of the classroom / laboratory can help them solve the problems they see in the world around them. Also, this is

helpful to the teachers to widen their horizons of knowledge and broadening the scope of the syllabus. Every student shall submit a report describing their objectives, experience, learning points, etc. pertaining to the field trip, in the typical format given in Appendix-2.

Recommended Books: For each course, a list of recommended books is given in the syllabus. The list shall be considered as an important and common resource for the teaching-learning process, but not the complete list. It is always encouraged to use the latest edition of the books specified. Further, the teachers and students are encouraged to explore more primary, secondary, and tertiary resources as required.

Practical Training: The goal of the practical training for the students is to provide a real-time, supervised experience on the professional tasks emphasized in their course of study. Further, it helps them to apply their acquired knowledge and skills in the professional working environment. The practical training intensively prepares the students with adequate competencies and qualifications required for the career opportunity in the future.

Thus, the ER 2020 D. Pharm syllabus is designed to nurture the students in all the three domains of Bloom's Taxonomy viz. cognitive (knowledge), affective (attitude) and psychomotor (skills). Further, it also provides ample of scope to the students for different learning styles viz. visual, auditory and kinesthetic, i.e., 'see, hear and do'. The summary of the curriculum, courses and other activities and their metrics across the ER-2020 D. Pharm program (Part I, II & III) are given here.

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Criteria	Metrics
Number of subject areas (considering both theory & practical together)	11
Number of theory courses	11
Number of practical courses	10
Number of theory hours	825
Number of practical hours	600
Number of practical training hours	500
Number of tutorial hours	275

Number of course outcomes for theory courses	45
Number of course outcomes for practical courses	40
Number of courses which have given assignments	9
Number of assignment topics given	75
Number of assignments reports each student shall submit	27
Number of courses which have field visit	5
Number of field visit reports each student shall submit	9
Number of professional competencies	10

3.0 Diploma in Pharmacy (Part-III) (Practical Training)

3.1 Period and other conditions for practical training-

(i) After having appeared in Part-II examination for the Diploma in Pharmacy held by an approved Examining Authority a candidate shall be eligible to undergo practical training in one or more of the following institutions namely:

- (a) Hospitals/Dispensaries run by Central /State Governments.
- (b) A pharmacy licensed for retail sale of drugs under the Drugs and Cosmetics Rules, 1945 having the services of registered pharmacists.
- (c) Hospital and Dispensary other than those specified in sub-regulation (i) above for the purpose of giving practical training shall have to be recognized by Pharmacy Council of India on fulfilling the conditions specified in Appendix-C to these regulations.

(ii) The institutions referred in sub-regulation (1) shall be eligible to impart training subject to the condition that number of student pharmacists that may be taken in any hospital, dispensary or pharmacy licensed under the Drugs and Cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940, shall not exceed four where there is one registered pharmacist engaged in the work in which the student pharmacist is undergoing practical training, where there is more than one registered pharmacist similarly engaged, the number shall not exceed two for each additional such registered pharmacist.

(iii) In the course of practical training, the trainee shall have exposure to –

- (a) Working knowledge of keeping of records required by various Legislative
- (b) Acts concerning the profession of pharmacy; and Practical

experience in activities mentioned in Table III under ER-2020.

- (iv) The practical training shall be not less than five hundred hours spread over a period of not less than three months provided that not less than two hundred and fifty hours are devoted to actual dispensing of prescriptions.

3.2 Procedure to be followed prior to commencement of the training-

- I. The head of institution imparting practical training, on application, shall supply in triplicate 'Practical Training Contract Form for Pharmacist' (hereinafter referred to as the Contract Form) to the candidate eligible to undertake the said practical training. The Contract Form shall be as specified in Appendix-E, ER-2020.
- II. The head of institution imparting practical training shall fill Section I of the Contract Form. The trainee shall fill Section II of the said Contract Form and the head of the institution agreeing to impart the training (hereinafter referred to as the Apprentice Master) shall fill Section III of the said Contract form.
- III. It shall be the responsibility of the trainee to ensure that one copy (hereinafter referred to as the first copy of the Contract Form) so filled is submitted to the head of institution imparting practical training and the other two copies (hereinafter referred to as the second copy and the third copy) shall be filed with the Apprentice Master (if he so desires) or with the trainee till completion of the training.

3.3 Certificate of passing Diploma in Pharmacy Part-III

- (i) On satisfactory completion of the practical training period the Apprentice Master shall fill Section IV of the second copy and third copy of the Contract Form and forward it to the head of institution imparting practical training who shall suitably enter in the first copy of the entries from the second copy and the third copy and shall fill Section V of the three copies of Contract Form and thereafter hand over both the second copy and the third copy to the trainee.
- (ii) This Contract Form, completed in all respects, shall be regarded as a certificate of having successfully completed the course of Diploma in Pharmacy (Part- III).

4.0 Certificate of Diploma in Pharmacy

A certificate of Diploma in Pharmacy shall be granted by the examining authority to a successful candidate on producing certificates of having passed the Diploma in Pharmacy Part I and Part II and satisfactory completion of practical training for Diploma in Pharmacy (Part-III).

5.0 Working Days in Each Academic Year

Each year shall consist of working days as per GS University norms. The academic year shall be conducted from the month of June/July to May/June in every calendar year.

6.0 Attendance and Progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

7.0 Appendix - 1

A typical format for the assessment of an Assignment

Name of the College:

Name of the Student:	
Academic Year of the Student:	
Name of the Subject:	
Title of the Assignment:	
Date on which the Assignment was given:	
Date on which the Assignment was submitted:	
Name & Designation of the Evaluator:	
Signature of the Evaluator with Date:	

Directions: For evaluation, enter rating of the student utilizing the following scale: 5 – Excellent; 4 - Very Good; 3 – Good; 2 – Satisfactory;

1 – Poor

Assessment Criteria	Score	Comments if any
a. Relevance with the content		
b. Use of resource material		
c. Organization & mechanical accuracy		
d. Cohesion & coherence		
e. Language proficiency & Timely submission		
Total Score		

Signature of the Student with Date:

Note: Subject teacher should try to cover all assignments mentioned in the list for each practical subject by assigning the topics to the students. Students should be encouraged to submit an assignment (in a format decided by the Institute) and encouraged to present assignments (at least anyone assignment per subject) in the class.

7.2 Appendix – 2

A typical format for the assessment of a Field Visit Report

Name of the College:

Name of the Student:	
Academic Year of the Student:	
Name of the Subject:	
Name & full address of the organization visited:	
Date and Duration of Visit:	
Name & Designation of the Evaluator:	
Signature of the Evaluator with Date:	

In exercise of the powers conferred under clause 20.11 of Statute 20 of the GS University Act, 2019, the Executive Council of GS University in its 5th Meeting held on 01.10.2025 passed a resolution confirming Ordinance 18.

GS UNIVERSITY, HAPUR, UTTAR PRADESH-245304


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APPENDIX -E

PRACTICAL TRAINING CONTRACT FORM FOR PHARMACISTS

SECTION - I

This form has been issued to Sri/Smt. _____
(Name of student pharmacist) son of / daughter of _____
residing at _____
who has produced evidence before me that he/she is entitled to receive the Practical Training as set
out in the Education Regulations framed under section 10 of the Pharmacy Act, 1948.

Date: _____

Head of the Academic
Training Institution

SECTION - II

I _____ (Name of the Student Pharmacist)
accept _____ (Name of the Apprentice Master) of
_____ (Name of the College / Institution)
_____ (Hospital or Pharmacy) as my
Apprentice Master for the above training and agree to obey and respect him / her during the entire
period of my training.

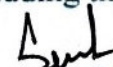
Date: _____

Signature of the Student Pharmacist

SECTION - III

I, _____ (Name of the Apprentice Master)
accept Sri / Smt. _____
(Name of the student pharmacist) as a trainee and I agree to give him /her training facilities in my
organisation so that during his /her training he /she may acquire: —

1. Working knowledge of keeping of records required by the various Acts affecting the
profession of pharmacy; and
2. Practical experience in –
 - (a) the manipulation of pharmaceutical apparatus in common use;
 - (b) the recognition by sensors characters of chief crude drugs & chemical substance used
in medicine
 - (c) the reading, translation and copying of prescriptions including the checking of doses;


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Cont...

- (d) the dispensing of prescriptions illustrating the commoner methods of administering medicaments; and
- (e) the storage of drugs and medicinal preparations.

I also agree that a Registered Pharmacist shall be assigned for his /her guidance.

Date: _____

Head of the Organization or
Pharmaceutical Division

SECTION - IV

I certify that _____ (Name of student pharmacist) has undergone _____ hours training spread over from Date _____ to _____ for a period of _____ months in accordance with the details enumerated in SECTION III

Date: _____

Head of the Organization or
Pharmaceutical Division

SECTION - V

I certify that _____ (Name of student pharmacist) has completed in all respect his practical training under regulation 20 of the Education Regulations framed under section 10 of the Pharmacy Act, 1948. He had his practical training in an Institution approved the Pharmacy Council of India.

Date: _____

Head of the Academic
Training Institution

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NOTE:

- 1) Each & every Sections should be filled in with correction information, signed & sealed with the authorized person with mentioning the dates.
- 2) The practical training shall be not less than five hundred hours spread over a period of not less than three months. Mention the period of training in DD/MM/YYYY format only
- 3) The head of an academic training institution, on application, shall supply in triplicate 'Practical Training Contract Form for qualification as a Pharmacist
- 4) After successful completion of the practical training, It shall be the responsibility of the trainee to ensure that one copy (hereinafter referred to as the first copy of the Contract Form) so filled is submitted to the Head of the academic training institution and the other two copies (hereinafter referred to as the Second copy and the third copy) shall be filed with the trainee.