

D Pharm Course Highlights

Highlights for Diploma in Pharmacy program are provided in the table given below:

Course Level	Diploma
Full Form	Diploma in Pharmacy
Duration	The duration of the course shall be for two academic years with each academic year spread over a period of not less than one hundred and eighty working days in addition to 500 hours practical training spread over a period of not less than 3 months
Examination Type	Annual (Yearly)
Scheme	Scheme J
Eligibility	Passed Class 12 (HSC) Science with Physics, Chemistry and Maths or/and Biology
Admission Process	Merit-Based CAP/Institute level
Top Recruiting Areas	Hospitals and Health Centres, Pharmaceuticals Industry, Chemist Shops, Medical Agencies, etc.
Top Job Profiles	Pharmacist, Scientific Officer, Quality Analyst, Production Executive, Medical Representative etc.

Competencies for the Indian D.Pharm Holders

The candidates who successfully complete the Diploma in Pharmacy (D.Pharm) program of Education Regulations 2020 (ER-2020), from the institutions approved by the Pharmacy Council of India are expected to attain the following professional competencies.

- 1) **Review Prescriptions:** The student should receive and handle prescriptions in a professional manner and be able to check for their completeness and correctness. Also, the prescribers should be contacted for any clarifications and corrections in the prescriptions with suggestions if any.
- 2) **Dispense Prescription / Non-Prescription Medicines:** The student should be able to dispense the various scheduled drugs / medicines as per the implications of the Drug & Cosmetics Act and Rules thereunder. Also, the non-prescription medicines (over-the-counter drugs) should be dispensed judiciously to the patients as required.
- 3) **Provide Patient Counselling / Education:** The student should be able to effectively counsel / educate the patients / caretakers about the prescription / non-prescription medicines and other health related issues. Effective communication includes using both oral and written communication skills and various communication techniques.
- 4) **Hospital and Community Pharmacy Management:** The student should be able to manage the drug distribution system as per the policies and guidelines of the hospital pharmacy, good community pharmacy practice and the recommendations of regulatory agencies. Also, be able to manage the procurement, inventory, and distribution of medicines in hospital / community pharmacy settings.
- 5) **Expertise on Medications:** The student should be able to provide an expert opinion on medications to health care professionals on safe and effective medication-use, relevant policies and procedures based on available evidences.
- 6) **Proficiency on Pharmaceutical Formulations:** The student should be able to describe the chemistry, characteristics, types, merits and demerits of both drugs and excipients used in pharmaceutical formulations based on her/his knowledge and scientific resources.
- 7) **Entrepreneurship and Leadership:** The student should be able to acquire the entrepreneurial skills in the dynamic professional environments. Also, be able to achieve leadership skills through teamwork and sound decision- making skills.
- 8) **Deliver Primary and Preventive Healthcare:** The student should be able to contribute to various healthcare programs of the nation including disease prevention initiatives to improve public health. Also contribute to the promotion of national health policies.
- 9) **Professional, Ethical and Legal Practice:** The student should be able to deliver professional services in accordance with legal, ethical, and professional guidelines with integrity.
- 10) **Continuing Professional Development:** The student should be able to recognize the gaps in the knowledge and skills in the effective delivery of professional services from time to time and be self-motivated to bridge such gaps by attending continuing professional development programs.

1. 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 the Tables I & II below. The number of hour devoted to each subject for its teaching in Theory and Practical, shall not be less than that noted against it in columns 3, 4, 5 and 6 of the Tables below.

TABLE-I
Diploma in Pharmacy (Part-I)

Course Code	Course title	No. of hours of Theory/ Practical	No. of hours of Tutorial	Theory / Practical Hours Per Week	Tutorial Hours Per Week
20111	Pharmaceutics (Theory)	75	25	3	1
20051	Pharmaceutics (Practical)	75	--	3	--
20112	Pharmaceutical Chemistry (Theory)	75	25	3	1
20052	Pharmaceutical Chemistry (Practical)	75	--	3	--
20113	Pharmacognosy (Theory)	75	25	3	1
20053	Pharmacognosy (Practical)	75	--	3	--
20114	Human Anatomy & Physiology (Theory)	75	25	3	1
20054	Human Anatomy & Physiology (Practical)	75	--	3	--
20115	Social Pharmacy (Theory)	75	25	3	1
20055	Social Pharmacy (Practical)	75	--	3	--

TABLE-II
Diploma in Pharmacy (Part-II)

Course Code	Course title	No. of hours of Theory/ Practical	No. of hours of Tutorial	Theory / Practical Hours Per Week	Tutorial Hours Per Week
20221	Pharmacology (Theory)	75	25	3	1
20056	Pharmacology (Practical)	50	--	2	--
20222	Community Pharmacy & Management (Theory)	75	25	3	1
20057	Community Pharmacy & Management (Practical)	75	--	3	--
20223	Biochemistry & Clinical Pathology (Theory)	75	25	3	1
20058	Biochemistry & Clinical Pathology (Practical)	50	--	2	--
20224	Pharmacotherapeutics (Theory)	75	25	3	1
20059	Pharmacotherapeutics (Practical)	25	--	1	
20225	Hospital & Clinical Pharmacy (Theory)	75	25	3	1
20060	Hospital & Clinical Pharmacy (Practical)	25	--	1	--
20226	Pharmacy Law & Ethics	75	25	3	

2. Examinations

There shall be an examination for Diploma in Pharmacy (Part-I) to examine students of the first year course and an examination for Diploma in Pharmacy (Part-II) to examine students of the second year course. Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination of the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II), as the case may be. The examinations shall be of written and practical (including oral) nature, carrying maximum marks for each part of a subject, as indicated in Table III and IV below:

**TABLE --III
DIPLOMA IN PHARMACY (PART-I) EXAMINATION**

Sr. No.	Course Title	Corse abbreviation	Course code	Examination Scheme												Grand Total
				Theory						Practical						
				TH		TM		Total		PR		PM		Total		
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	
1)	Pharmaceutics (Theory)	PHT	20111	80	00	20*	00	100	40	--	--	--	--	--	--	100
2)	Pharmaceutics (Practical)	PHP	20051	--	--	--	--	--	--	80#	00	20*	00	100	40	100
3)	Pharmaceutical Chemistry (Theory)	PCT	20112	80	00	20*	00	100	40	--	--	--	--	--	--	100
4)	Pharmaceutical Chemistry (Practical)	PCP	20052	--	--	--	--	--	--	80#	00	20*	00	100	40	100
5)	Pharmacognosy (Theory)	PYT	20113	80	00	20*	00	100	40	--	--	--	--	--	--	100
6)	Pharmacognosy (Practical)	PYP	20053	--	--	--	--	--	--	80#	00	20*	00	100	40	100
7)	Human Anatomy & Physiology	HPT	20114	80	00	20*	00	100	40	--	--	--	--	--	--	100

	(Theory)																
8)	Human Anatomy & Physiology (Practical)	HPP	20054	--	--	--	--	--	--	80#	00	20*	00	100	40	100	
9)	Social Pharmacy (Theory)	SPT	20115	80	00	20*	00	100	40	--	--	--	--	--	--	100	
10)	Social Pharmacy (Practical)	SPP	20055	--	--	--	--	--	--	80#	00	20*	00	100	40	100	
Total				400	--	100	--	500	--	400	--	100	--	500	--	1000	

**TABLE --IV
DIPLOMA IN PHARMACY (PART-II) EXAMINATION**

Sr. No.	Course Title	Corse abbreviation	Course code	Examination Scheme												Grand Total
				Theory						Practical						
				TH		TM		Total		PR		PM		Total		
				Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	
1)	Pharmacology (Theory)	PGT	20221	80	00	20*	00	100	40	--	--	--	--	--	--	100
2)	Pharmacology (Practical)	PGP	20056	--	--	--	--	--	--	80#	00	20*	00	100	40	100
3)	Community Pharmacy & Management (Theory)	CMT	20222	80	00	20*	00	100	40	--	--	--	--	--	--	100
4)	Community Pharmacy	CMP	20057	--	--	--	--	--	--	80#	00	20*	00	100	40	100

	& Management (Practical)															
5)	Biochemistry & Clinical Pathology (Theory)	BCT	20223	80	00	20*	00	100	40	--	--	--	--	--	--	100
6)	Biochemistry & Clinical Pathology (Practical)	BCP	20058	--	--	--	--	--	--	80#	00	20*	00	100	40	100
7)	Pharmacotherapeutics (Theory)	PTT	20224	80	00	20*	00	100	40	--	--	--	--	--	--	100
8)	Pharmacotherapeutics (Practical)	PTP	20059	--	--	--	--	--	--	80#	00	20*	00	100	40	100
9)	Hospital & Clinical Pharmacy (Theory)	HCT	20225	80	00	20*	00	100	40	--	--	--	--	--	--	100
10)	Hospital & Clinical Pharmacy (Practical)	HCP	20060	--	--	--	--	--	--	80#	00	20*	00	100	40	100
11)	Pharmacy Law & Ethics	PLT	20226	80	00	20*	00	100	40	--	--	--	--	--	--	100
Total				480	--	120	--	600	--	400	--	100	--	500	--	1100

Abbreviations

TH- Theory, PR- Practical, TM-Theory Sessional, PR- Practical Sessional, # External Assessment, * Internal Assessment

3. Eligibility for appearing at the Diploma in Pharmacy Part-I examination:

Only such candidates who produce certificate from the Head of the Academic institution in which he /she has undergone the Diploma in Pharmacy Part-I course, in proof of his /her having regularly and satisfactorily undergone the course of study by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-I) examination.

4. Eligibility for appearing at the Diploma in Pharmacy Part-II examination:

Only such candidates who produce certificate from the Head of the academic institution in which he/she has undergone the Diploma in Pharmacy Part-II course, in proof of his /her having regularly and satisfactorily undergone the Diploma in Pharmacy Part-II course by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-II) examination.

5. Mode of examinations

- a) Each theory and practical examination in the subjects mentioned in Table-III & IV shall be of three hours duration.
- b) A Candidate who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.
- c) Practical examination shall also consist of a viva-voce (Oral) examination.

6. Award of Sessional marks and maintenance of records

- A. A regular record of both theory and practical class work and examinations conducted in an institution imparting training for diploma in Pharmacy Part-I and diploma in Pharmacy Part II courses, shall be maintained for each student in the institution and 20 marks for each theory and 20 marks for each practical subject shall be allotted as sessional.
- B. There shall be at least two periodic sessional examinations during each academic year. The highest aggregate of any two performances shall form the basis of calculating sessional marks.
- C. The sessional marks in practicals shall be allotted on the following basis:-
 - I. *Actual performance in the sessional examination: 10 or 20 marks**
 - II. *Assignment Report: 5 or 10 marks**
 - III. *Filed Visit Report: 5 or 10 marks**

7. Minimum marks for passing the examination:

A student shall not be declared to have passed Diploma in Pharmacy examination unless he /she secures at least 50% marks in each of the subject separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks. The candidates securing 60% marks or above in aggregate in all subjects in a single attempt at the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations shall be declared to have passed in first class the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations, as the case may be. Candidates securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he/she passes in all the subjects in a single attempt.

8. Eligibility for promotion to Diploma in Pharmacy (Part-II):-

All candidates who have appeared for all the subjects and passed the Diploma in Pharmacy Part-I examination are eligible for promotion to the Diploma in Pharmacy Part-II class. However, failure in more than two subject shall debar him/ from promotion to the Diploma in Pharmacy Part-II class.

9. Improvement of sessional marks

Candidates who wish to improve sessional marks can do so, by appearing in two additional sessional examinations during the next academic year. The average score of the two examination shall be the basis for improved sessional marks in theory. The sessional of practicals shall be improved by appearing in additional practical examinations.

Marks awarded to a candidate for day to day assessment in the practical class can not be improved unless he /she attends a regular course of study again.

10. Approval of examinations

The examinations mentioned in regulations 2 to 5 and 7 shall be held by an Examining Authority **Maharashtra State Board of technical Education**, which shall be approved by the Pharmacy Council of India under sub-section (2) of section 12 of the Pharmacy Act, 1948.

11. Certificate of passing examination for Diploma in Pharmacy (Part-II)

Certificate to having passed the examination for the Diploma in Pharmacy Part II shall be granted by the Examining Authority **Maharashtra State Board of technical Education** to a successful student.

12. Diploma in Pharmacy Exit Examination Regulations 2022

12.1: Objectives

The objective of the Diploma in Pharmacy Exit Examination (DPEE) is to ensure that a candidate applying for registration as pharmacist with the State Pharmacy Council has undergone pharmacy education and a comprehensive practical training programme in Diploma in Pharmacy (D.Pharm) course as provided in the Education Regulations, 2020 or the regulations that may be in force from time to time in an institution approved by Pharmacy Council of India under section 12 of the Pharmacy Act, 1948 and acquired core competencies in dispensing of medicines and other areas of pharmacy practice and to reinforce his discipline, integrity, judgement, skills, knowledge and quest for learning so that after having passed the examination he is able to become a registered pharmacist who is able to exercise his professional skills in addition to carrying his duty and responsibilities professionally.

12.2 Frequency

The details regarding the scheme for conducting the Diploma in Pharmacy Exit Examination and the syllabus of the test shall be announced by the Pharmacy Council of India from time to time for the information of the candidates. The candidates may appear for the exit examination conducted twice every year or as frequently as may be required as per the schedule of examination announced by the Prescribed Authority. The procedure of conducting the test shall be in

accordance with the scheme announced by the Pharmacy Council of India in this regard. The date of examination and the examination centre will be allotted to the candidate by the Prescribed Authority based on the availability of the examination centres.

12.3 Registration as a Diploma in Pharmacy Exit Examination candidate

(a) No person shall be registered as a Diploma in Pharmacy Exit Examination candidate unless he has passed Diploma in Pharmacy course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act, 1948.

(b) He shall be required to make an application in a prescribed form together with all relevant documents showing the proof of his passing the approved examination and the examination fee as may be prescribed by the PCI.

12.4 Procedure of conducting Exit Examination

a) The PCI may, for the purposes of conducting exit examination, establish an authority to be known as the Prescribed Authority or designate an authority as the Prescribed Authority that shall conduct the examinations as may be decided by the PCI from time-to-time.

(b) There shall be three papers of multiple choice questions in Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, Biochemistry, Hospital and Clinical Pharmacy, Pharmaceutical Jurisprudence and Drug Store Management. The language of the examination shall be english. The test for each paper shall be of three hours' duration.

(c) A candidate shall be declared as having passed only, if he obtains a minimum of 50% marks in each paper separately.

(d) A candidate shall have to pass all the three papers in the same attempt. However, there shall be no restriction on the number of attempts to appear in the examination.

(e) A certificate of eligibility for enrolment and practice shall be issued to the successful candidate which will be presented before the State Pharmacy Council for registration as a pharmacist.

12.5 Registration of the candidate as pharmacist after passing Diploma in Pharmacy Exit Examination

After having passed the Diploma in Pharmacy Exit Examination, a candidate shall be entitled to registration as a pharmacist subject to fulfilment of the conditions enumerated in section 32(2) of the Pharmacy Act, 1948. The applications for registration shall be addressed to the Registrar of the State Pharmacy Council and shall be accompanied by the prescribed fee and the documents as referred to in section 46(2) (g) of the Act. After coming into force of these regulations, the candidates who have completed the approved course of Diploma in Pharmacy and having qualified in the Diploma in Pharmacy Exit Examination only will be eligible for registration as pharmacists under section 33 of the Pharmacy Act 1948.

These regulation shall not apply to the persons whose names are already entered in the register of pharmacists for the state.