

Pharm.D: The duration of the course is six academic years after Intermediate /XII & Eligibility in EAMCET (five years of study and one year of internship or residency) full time with each academic year spread over a period of not less than two hundred working days.

The period of six years duration is divided into two phases –

Phase I – consisting of First, Second, Third, Fourth and Fifth academic year.

Phase II – consisting of internship or residency training during sixth year involving posting in speciality units in the affiliated **Osmania General Hospital** under Osmania Medical College

Minimum qualification for admission to – a) Pharm.D. Part-I Course – A pass in any of the following examinations –

(1) 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects: Mathematics or Biology.

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

(3) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations. Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

Number of admissions in the above said program shall be as prescribed by the Pharmacy Council of India from time to time and presently be restricted as below –

Pharm.D. Program – 30 students.

Subjects and Examinations-

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.

Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Third Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

Fifth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

Eligibility for appearing Examination.— Only such students who produce certificate from Principal in which he or she has undergone the Pharm.D in proof of his or her having regularly and satisfactorily undergone the course of study by **attending not less than 80% of the classes** held both in theory and in practical separately in each subject is eligible for appearing at examination.

Mode of examinations (From 1st year to 5th year) — (1) Theory examination is of three hours and practical examination is of four hours duration.

(2) A Student who fails in theory or practical examination of a subject is re-appearing both in theory and practical of the same subject in Instant examinations

(3) Practical examination is consisting of a viva –voce (Oral) examination also.

(4) Clerkship examination – Oral examination is conducted after the completion of clerkship of students. Students are asked to present the allotted medical cases followed by discussion. Students' capabilities in delivering Clinical Pharmacy services, Pharmaceutical Care Planning and knowledge of Therapeutics are assessed.

Award of sessional marks and maintenance of records.— (1) A regular record of both theory and practical class work and examinations conducted in Pharm.D course is maintained for each student in the institution and 30 marks for each theory and 30 marks for each practical subject is allotted as sessional.

(2) There are three (03) periodic sessional examinations during each academic year and the highest aggregate of any two performances is taken as the basis of calculating sessional marks.

(3) The sessional marks in practicals are allotted on the following basis:-

- (i) Actual performance in the sessional examination (20 marks);

(ii) Day to day assessment in the practical class work, promptness, viva-voce record maintenance, etc. (10 marks).

Minimum marks for passing examination.— A student is being declared to have passed examination if he or she secures **at least 50% marks in each of the subjects separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks.** The students securing **60% marks or above** in aggregate in all subjects in a single attempt at the Pharm.D course examination are declared to have **passed in First class.** Students securing **75% marks** or above in any subject or subjects are declared to have **passed with Distinction** in the subject or those subjects provided he or she passes in all the subjects in a single attempt.

Eligibility for promotion to next year.— All students who have appeared for all the subjects and passed the first year annual examination are promoted to the second year and, so on. However, **failure in more than two subjects shall debar him or her from promotion to the next year classes.**

Hospital posting: Every student is being posted in OGH for a period of not less than fifty (50) hours to be covered in not less than Two Hundred (200) working days **in each of second, third & fourth year** course.

All students **in the fifth year** have to do Project work and present a written report and as a seminar at the end of the year. External Examiner appointed by Osmania University and the internal examiners will assess the project work. Project work report comprises of objectives of the work, methodology, results, discussions and conclusions. Project work chosen is related to the Pharmacy Practice in Community, Hospital and Clinical setup. It is patient and treatment (Medicine) oriented, like Drug Utilisation Reviews, Pharmacoepidemiology, Pharmacovigilance or Pharmacoeconomics.

Internship: Every candidate, after passing the final Pharm.D after Five (05) years has to undergo compulsory rotational internship to the satisfaction of the College authorities and Osmania University for a period of twelve months so as to be eligible for the award of the degree of Pharm.D.

Satisfactory completion of internship is being 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

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

A Score of less than 3 in any of above items indicates unsatisfactory work during the internship and necessary additional postings to be done to complete the Internship