

JIS University

Department of Pharmaceutical Technology

Course Title: Diploma in Pharmacy

Abbreviation: D. Pharm

Type of Course: A Two years Diploma course

Pattern: Yearly

Award of the Degree: The minimum qualification required for registration as a pharmacist shall be a pass in Diploma in pharmacy (Part I & Part II and satisfactory completion of Diploma in Pharmacy (Part-III). A certificate of Diploma in Pharmacy shall be granted by the Examining Authority to a successful candidate on producing certificate of having passed the Diploma in Pharmacy Part I and Part II and satisfactory completion of practical training for Diploma in Pharmacy (Part-111).

Course Objective:

Diploma in Pharmacy course is designed for students with the necessary skills and grasping academic knowledge for entry-level positions in retail pharmacies, hospital Pharmacies as well as pharmaceutical companies. The program helps to train the students to play an important role in community pharmacy and assist the pharma industry at various levels. The course is predominantly based on practice and interaction with a strong focus on the healthcare system. This will enable students to practice pharmacy profession in a strong, skillful and determined manner.

Course Outcome:

Assessment of various disease conditions, evaluation and interpretation of drug prescriptions. Course is focused to prepare, package, label and dispense medications, non-sterile compounding, inventory control, and to analyze, organize, manage documents. The students should create awareness in society about the effective, safe use of medicines along with their storage conditions and demonstrate use of medical aids to patients. After completion of the course students will develop an aptitude for skill development, continuous learning and to apply knowledge of ethics to patient's as well as to the society.

Minimum eligibility criteria and the process of admission:

No. Candidate shall be admitted to Diploma in Pharmacy unless he/she had passed any of the following examinations in all the optional subjects and compulsory subjects (Physics, Chemistry, Biology and /or Mathematics including English as one of the Compulsory subjects):

- a) Intermediate examination in Science; The First Year of the three year degree course in Science; 10+2 Examination(Academic stream) in Science;
- b) Pre-degree examination; any other qualification approved by the Pharmacy Council of India as equivalent to any of the above exam.

Admission of candidates to the Diploma in Pharmacy Part - I shall be made in order of merit on the basis of 'Pre-Pharmacy Test' conducted in accordance with the scheme of Examinations and syllabus laid-down by the University.

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 below in addition to 500 hours practical training as Part III spread over a period of not less than 3 months.

Curriculum for Diploma in Pharmacy (D.Pharm)

Diploma in Pharmacy (Part- I)

| Subject | No. of hours of Theory | No. of hours of Practical |
|---------------------------------------|------------------------|---------------------------|
| Pharmaceutics-1 | 75 | 100 |
| Pharmaceutical Chemistry-1 | 75 | 75 |
| Pharmacognosy | 75 | 75 |
| Biochemistry & Clinical Pathology | 50 | 75 |
| Human Anatomy & Physiology | 75 | 50 |
| Health Education & Community Pharmacy | 50 | |
| | 400 + | 375 = 775 |

| Subject | Maximum marks for Theory | | | Maximum marks for Practical | | |
|---------------------------------------|--------------------------|------------|-------|-----------------------------|------------|----------|
| | Examination | *Sessional | Total | Examination | *Sessional | Total |
| Pharmaceutics-1 | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical Chemistry-1 | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacognosy | 80 | 20 | 100 | 80 | 20 | 100 |
| Biochemistry & Clinical Pathology | 80 | 20 | 100 | 80 | 20 | 100 |
| Human Anatomy & Physiology | 80 | 20 | 100 | 80 | 20 | 100 |
| Health Education & Community Pharmacy | 80 | 20 | 100 | | | |
| | | | 600 | + | | 500=1100 |

Diploma in Pharmacy (Part-II)

| Subject | No. of hours of Theory | No. of hours of Practical |
|------------------------------------|------------------------|---------------------------|
| Pharmaceutics-II | 75 | 100 |
| Pharmaceutical Chemistry-II | 100 | 75 |
| Pharmacology & Toxicology | 75 | 50 |
| Pharmaceutical Jurisprudence | 50 | |
| Drug Store and Business Management | 75 | |
| Hospital and Clinical Pharmacy | 75 | 50 |
| | 450 + | 275 = 725 |

| Subject | Maximum marks for Theory | | | Maximum marks for Practical | | |
|------------------------------------|--------------------------|------------|-------|-----------------------------|------------|----------|
| | Examination | *Sessional | Total | Examination | *Sessional | Total |
| Pharmaceutics-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical Chemistry-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacology & Toxicology | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical Jurisprudence | 80 | 20 | 100 | | | |
| Drug Store and Business Management | 80 | 20 | 100 | | | |
| Hospital and Clinical Pharmacy | 80 | 20 | 100 | 80 | 20 | 100 |
| | | | 600 | + | | 400=1000 |

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

After having appeared in Part-II examination for the Diploma in Pharmacy, conducted by Board/University or other approved Examining Body or any other course accepted as being equivalent by the Pharmacy Council of India, a candidate shall be eligible to undergo practical training in one or more of the following institutions namely:

- (i) Hospitals/Dispensaries run by Central/State Government.
- (ii) A Pharmacy, Chemist and Druggist licensed under the Drugs and Cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940.
- (iii) Drugs manufacturing Unit licensed under the Drugs and Cosmetics Act, 1940 & rules made there under.

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 and devoted to actual dispensing of prescriptions.