

## **Courses**

### **1. Diploma in Pharmacy (D. Pharm.)**

**Intake Capacity – 60**

**Duration - 02 years**

Diploma in Pharmacy was started in 2015-16 with the intake capacity of 60 students. The effective teaching has been made more effective by classroom lectures, demonstration, illustrations, lab assignments with audio-visual aids, projects, study/industrial tours, seminars and other activities.

The infrastructure facilities include fully equipped laboratories as per AICTE norms, along with sophisticated equipments, machines computers and softwares. Also, the college has highly qualified and dedicated teaching and non teaching staff and acknowledged in teaching and in industry.

#### **Eligibility for first year D. Pharm.**

For admission in first year D. Pharm, the candidate should have passed the H.S.S.C. examination (XII) of Maharashtra State Board of secondary & Higher Secondary Education or any other examination equivalent to the board examination with English, Physics, Chemistry & Biology/ Mathematics.

#### **Examination**

The course of Diploma in Pharmacy is of 2 years after H. S. S. C. based on yearly pattern. The examination is conducted at the end of each academic year by MSBTE. Internal Sessional examinations are conducted regularly every year and the marks obtained in these Sessional examinations carry 20% weightage in board examination. Students have to secure at least 40% marks in each theory subject. Also 40% marks are required in the Practical to pass the examinations.

#### **Industrial Training**

After successful completion of two years course a student is required to undergo practical training of 8 week in medical shop/hospital. After successful completion of course & training the candidate is awarded Diploma in Pharmacy by Directorate of Technical Education, Maharashtra State, Mumbai which is recognized qualification throughout the country.

## **SUBJECTS FOR DIPLOMA COURSE (D. Pharm.)**

### **First Year D. Pharm.**

1. Pharmaceutics I
2. Pharmaceutical Chemistry I
3. Pharmacognosy
4. Bio Chemistry & Clinical Pathology
5. Human Anatomy & Physiology
6. Health Education & Community Pharmacy

### **Second Year D. Pharm.**

1. Pharmaceutics II
2. Pharma Chemistry II
3. Pharmacology & Toxicology
4. Pharmaceutical Jurisprudence
5. Drug Store & Business Management
6. Hospital & Clinical Pharmacy

### **Laboratories available as per Curriculum**

1. Pharmaceutics Laboratory
2. Pharmaceutical Chemistry Laboratory
3. Hospital & Clinical
4. Pharmacology Laboratory
5. Pharmacognosy Laboratory
6. Human Anatomy & Physiology Laboratory

### **List of Learning Recourses available**

1. Books
2. Journals
3. Charts
4. Transparencies
5. C.D.'s
6. Lecturers Notes
7. Question Banks
8. Models & Specimens
9. Microscopic Slides
10. Projecting Slides

## **2. Bachelor of Pharmacy (B. Pharm.)**

**Intake Capacity – 100**

**Duration - 04 years**

Bachelor of Pharmacy is started from the session 2017-18 with the intake capacity of 100 students. The course offers jobs, business and entrepreneurial opportunities in the field of manufacturing, selling quality control, research & development of medicines, government jobs in food and drug administration and in hospitals. The demand of the pharmaceutical industry is exceeding than the availability of the professionals. So to meet the demand of the industry the college trains the students with efforts.

The infrastructure facilities include fully equipped laboratories as per AICTE norms, along with sophisticated equipments, machines computers and softwares. Also, the college has highly qualified and dedicated teaching and non teaching staff and acknowledged in teaching and in industry.

### **Eligibility**

#### **First year B. Pharm.**

The candidate should have passed the H. S. S. C. (Std. XII) or equivalent examination with subjects English, Physics, Chemistry & Biology or Mathematics and should have secured minimum 50% marks (45% for backward class candidates of Maharashtra) in Physics, Chemistry and biology or mathematics added together. The candidate should have appeared and obtained ranking for MHT-CET Examination for pharmacy degree course conducted by the competent authority of govt. of Maharashtra for the current academic year or diploma holders who have passed the diploma course in pharmacy with minimum of 50% marks from the recognized institutes.

### **Examination**

The course of Bachelor of Pharmacy (B. Pharm.) is of four years, based on semester pattern. The examination is conducted by Sant Gadge Baba Amravati University, Amravati at the end of each semester. The marks obtained in these Sessional carry 25% weightage in university examination. The candidate has to obtain minimum 45% marks in each theory subject and 50% marks in each practical subject to pass the examination. During the Third or Fourth year of degree of Pharmacy course a student is required to undergo industrial training of eight weeks in a recognized pharmaceutical industry for the award of degree. The candidate is awarded Degree in Pharmacy by Sant Gadge Baba Amravati University, Amravati at the end of successful completion of eight semesters & eight weeks industrial training.

### Subjects for B. Pharmacy (B. Pharm.)

<b>First Year B. Pharm.</b>	
<b>Semester-I</b>	<b>Semester-II</b>
Pharmaceutics	Pharmaceutics-II
Pharmaceutical Biochemistry	Anatomy and Physiology-II
Anatomy and Physiology	Pharmacognosy-II
Pharmacognosy	Pharmaceutical Engineering-II
Pharmaceutical Engineering	Pharmaceutical Biochemistry-II
-	Mathematics
<b>Second Year B. Pharm.</b>	
<b>Semester-III</b>	<b>Semester-IV</b>
Physical Pharmaceutics-I	Physical Pharmaceutics-II
Pharmaceutical Microbiology	Pharmaceutical Organic chemistry-II
Pharmaceutical Organic chemistry-I	Pharmaceutical Analysis-I
Hospital and Community Pharmacy	Pharmaceutical Biotechnology
Pharmaceutical Inorganic Chemistry	Pharmacology-I
Pathophysiology	Basic Computer Applications
<b>Third Year B. Pharm.</b>	
<b>Semester-V</b>	<b>Semester-VI</b>
Pharmaceutics	Pharmaceutics-IV
Medicinal Chemistry	Medicinal Chemistry-II
Pharmaceutical Organic Chemistry	Pharmaceutical Analysis-II
Pharmacognosy	Pharmacognosy-IV
Pharmacology	Biopharmaceutics-II
Biopharmaceutics	Clinical Pharmacy
	Project*
<b>Fourth Year B. Pharm.</b>	
<b>Semester-VII</b>	<b>Semester-VIII</b>
Pharmaceutics-V	Pharmaceutics-VI
Medicinal Chemistry-III	Medicinal Chemistry-IV
Pharmacology-III	Pharmaceutical Analysis-IV
Pharmacognosy-V	Pharmacognosy-VI
Pharmaceutical Analysis-III	Clinical Pharmacotherapeutics
Pharmaceutical Jurisprudence	Communication Skills
Seminar (one per each student)*	Pharmaceutics-VI