

SNDT Women's University
1, Nathibai Thackersey Road,
Mumbai 400020

Name of the course:

Bachelor in Pharmacy

Level (P.G. Degree/Degree/ P.G. Diploma/ Diploma/ Certificate):

Degree

Duration of course:

4 years

Eligibility:

1. For admission to first year B. Pharm.:Candidate should be an Indian National and should have passed the HSC (std.XII) examination of Maharashtra State Board of Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics/Biology/Biotechnology/technical Vocational subject AND Secured minimum 45% marks (40% in case of candidate belonging to reserved category and persons with Disability belonging to Maharashtra State.) in the above subjects taken together. For more details please visit DTE website and recent changes in rules and regulations by DTE The candidate must pass the Online MT-CET held by DTE
2. For Admission directly to second year B. Pharm. through Lateral Entry in Pharmacy for Diploma Holders.The candidate should have passed Diploma in Pharmacy from an AICTE approved institution with a minimum of 45% marks (40% for SC/ST/Non Creamy Layer OBC/Non Creamy Layer SBC candidates of Maharashtra). The marks obtained to award the division in Diploma/Degree, will be considered for deciding the eligibility and respective merit.For further details and updates visit site <http://www.dtemaharashtra.gov.in/>

Annual Intake:

For admission to first year B. Pharm.: 30

For admission to second year B. Pharm. (only for diploma holders): 10

Medium of Instruction:

English

Admission procedure:

All the seats are admitted through CAP (Centralized Admission Process) by the competent authority

For further details and updates visit site <http://www.dtemaharashtra.gov.in/>

Future Career Prospects:

Graduates who have completed Bachelor of Pharmacy can find a number of higher study and career options after completion of their course. Candidates can opt for various Masters, Post Graduate Diploma, Advanced Diploma, Diploma and Certificate courses after their graduation. There are a number of career opportunities available in medical, research and educational institutions as well as in Pharmaceutical industry.

Approx. Fee

Appro. Rupees 30,000/-

Concession in the fees will be given to Backward category and economically Backward category as per DTE norms. Fees are revised from time to time.

Admission Schedule of the year 2015-16 (including important dates):

Kindly visit the site

<http://mpharm15.dtemaharashtra.org>

Whether offered thr' Distance mode:

No

Course Objectives:

- To impart knowledge, develop skills and competencies in women students in pharmaceutical sciences and pharmacy practice
- To develop and advance the knowledge, attitude and skills of pharmacists and faculty member who can provide comprehensive pharmaceutical care to patients, improve patient outcomes, and meet societal needs for safe and effective drug therapy.
- To develop, promote and nurture research activities pursuing advances in pharmaceutical sciences and pharmacy practice. Translating research into healthcare practice is a cornerstone of our mission.

Course Structure :

This is a credit based course is divided into 8 semesters. The detailed information about the course structure is given below.

FIRST YEAR B. PHARM.

Semester	Subject Code		Subject	Hours/Week		Credits		Total Marks	
	Theory	Practical		Theory	Practical	Theory	Practical	Theory	Practical
I	1101	1201	Physical Chemistry	4	8	4	4	100	100
	1102	-	Anatomy Physiology & Pathophysiology- I	2	-	2	-	50	-
	1103		Computer Science	3	-	3	-	75	
	1104	1204	Pharmaceutics-I (Introduction to Pharmacy and Monophasic dosage forms)	4	8	4	4	100	100
	1105	-	Environmental Science (E.V.S)	4	-	4	-	100	
	1106	-	Functional English & Communication Skills	2	-	2	-	50	-
			TOTAL	19	16	19	8		
II	2101	-	Pharmaceutical Chemistry -I (Inorganic Pharmaceutical Chemistry)	4	-	4	-	100	
	2102	2202	Organic Chemistry-I	4	8	4	4	100	100
	2103		Mathematics & Statistics	4	-	4	-	100	-
	2104	2204	Microbiology-I (Basic Microbiology)	4	4	4	2	100	50
	2105	2205	Anatomy Physiology & Pathophysiology-II	2	4	2	2	50	50
			TOTAL	16	18	18	8		

SECOND YEAR B.PHARM

Semester	Subject Code		Subject	Hours/Week		Credits		Total Marks	
	Theory	Practical		Theory	Practicals	Theory	Practicals	Theory	Practicals
III	3101	3201	Pharm. Analysis (Titrimetric analysis)	4	6	4	3	100	75
	3102	-	Organic Chemistry-II	4	-	4	-	100	-
	3103	3203	Physical Pharmacy-I	2	4	2	2	50	50
	3104	3204	Microbiology- II (Pharmaceutical Microbiology)	4	6	4	3	100	75
	3105	3205	Pharmaceutics-II (Biphasic liquid dosage forms and Tablet technology)	2	4	2	2	50	50
			TOTAL	16	20	16	10		
IV	4101	-	Pharm. Chemistry II (Antiinfective agents)	4	-	4		100	
	4102	-	Anatomy Physiology & Pathophysiology III	4	-	4	-	100	-
	4103	4203	Pharmacognosy-I	4	6	4	3	100	75
	4104	4204	Pharmaceutics-III (Capsules, Dermatological and Rectal Dosage forms)	2	4	2	2	50	50
	4105	-	Pharm. Engineering	3		3	-	75	-
	4106	4206	Physical Pharmacy-II	2	4	2	2	50	50
			TOTAL	19	14	19	7		

THIRD YEAR B.PHARM

Semester	Subject Code		Subject	Hours/Week		Credits		Total Marks	
	Theor y	Practica l		Theory	Practicals	Theory	Practicals	Theory	Practicals
V	5101	5201	Pharmacognosy-II	4	6	4	3	100	75
	5102	5202	Pharmacology -I	4	6	4	3	100	75
	5103	-	Pharmaceutical Jurisprudence	4	-	4	-	100	-

	5104	5204	Pharm.Chemistry-III (CNS Depressants and Antihistaminic Agents)	2	4	2	2	50	50
	5105	5105	Pharmaceutics-IV (Sterile Dosage forms, blood and blood products and surgical dressings)	2	4	2	2	50	50
			TOTAL	16	18	16	10		
VI	6101		Clinical Pharmacy Drug Interaction	4		4	-	100	
	6102	6202	Dispensing & Hospital Pharmacy	4	4	4	2	100	50
	6103	6203	Pharmaceutical Analysis II (Instrumental methods of Analysis)	4	8	4	4	100	100
	6104	6204	Pharmaceutics V (Coating Technology, Radiopharmaceuticals , ophthalmic products and packaging development)	2	4	2	2	100	50
	6105	6205	Pharm.Chemistry-IV (Steroids and Drugs affecting Hormones)	2	4	2	2	50	50
			TOTAL	16	20	16	10		

Final Year B. Pharm

Semester	Subject Code		Subject	Hours/Week		Credits		Total Marks	
	Theory	Practical		Theory	Practicals	Theory	Practicals	Theory	Practicals
VII	7101	7201	Pharmacology-II	4	4	4	2	100	50
	7102	-	Biotechnology-I (Fermentation Technology and Plant Tissue Culture)	2	-	2	-	50	-
	7103	7203	Medicinal Chemistry	4	8	4	4	100	100
	7104	7204	Cosmeticology	4	8	4	4	100	100
	7105	-	Pharmaceutics VI (Pharmaceutical Technology)	2	-	2	-	50	-
			TOTAL	16	20	16	10		

VIII	8101	-	Biopharmaceutics and Pharmacokinetics	3	-	3	-	75	-
	8102	8202	Novel Drug Delivery Systems	2	8	2	4	50	100
	8103	8203	Biochemistry	4	6	4	3	100	75
	8104	-	Industrial Organization & Drug Store management	4	-	4	-	100	-
	8105	-	Biotechnology-II (Animal tissue Culture and Microbial genetics)	2	-	2	-	50	-
	8106	-	Project Work & Seminar	4		4	-	100	
			TOTAL	19	14	19	7		