

**Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, Mumbai
and
School of Pharmacy & Technology Management, Shirpur & Hyderabad**

Course Structure: B. Pharm-Batch 2025-29- AY 2025-26

Semester - I				Semester - II			
S.N O.	Course Name	Credi ts	Remark s	S.N O.	Course Name	Credi ts	Remarks
1	Human Anatomy and Physiology I – Theory	4		1	Human Anatomy and Physiology II – Theory	4	
2	Pharmaceutical Analysis – Theory	4		2	Pharmaceutical Organic Chemistry I – Theory	4	
3	Pharmaceutics I – Theory	4		3	Biochemistry - Theory	4	
4	Pharmaceutical Inorganic Chemistry – Theory	4		4	Pathophysiology – Theory	4	
5	Communication skills – Theory	2		5	Computer Applications in Pharmacy – Theory	3	
6	Remedial Biology – Theory	2		6	Environmental sciences – Theory	3	
7	Remedial Mathematics – Theory	2		7	Human Anatomy and Physiology II – Practical	2	
8	Human Anatomy and Physiology I - Practical	2		8	Pharmaceutical Organic Chemistry I – Practical	2	
9	Pharmaceutical Analysis – Practical	2		9	Biochemistry – Practical	2	
10	Pharmaceutics I – Practical	2		10	Computer Applications in Pharmacy – Practical	1	
11	Pharmaceutical Inorganic Chemistry – Practical	2					
12	Communication skills – Practical	1					
13	Remedial Biology – Practical	1					
	Total	32			Total	29	

Semester - III				Semester - IV			
S.N.O.	Course Name	Credits	Remarks	S.N.O.	Course Name	Credits	Remarks
1	Pharmaceutical Organic Chemistry II – Theory	4		1	Pharmaceutical Organic Chemistry III – Theory	4	
2	Physical Pharmaceutics I – Theory	4		2	Medicinal Chemistry I – Theory	4	
3	Pharmaceutical Microbiology – Theory	4		3	Physical Pharmaceutics II – Theory	4	
4	Pharmaceutical Engineering – Theory	4		4	Pharmacology I – Theory	4	
5	Pharmaceutical Organic Chemistry II – Practical	2		5	Pharmacognosy and Phytochemistry I – Theory	4	
6	Physical Pharmaceutics I – Practical	2		6	Medicinal Chemistry I – Practical	2	
7	Pharmaceutical Microbiology – Practical	2		7	Physical Pharmaceutics II – Practical	2	
8	Pharmaceutical Engineering – Practical	2		8	Pharmacology I – Practical	2	
				9	Pharmacognosy and Phytochemistry I – Practical	2	
Total		24		Total		28	

Semester - V				Semester - VI			
S. No.	Course Name	Credits	Remarks	S. No.	Course Name	Credits	Remarks
1	Medicinal Chemistry II – Theory	4		1	Medicinal Chemistry III – Theory	4	
2	Industrial Pharmacy I – Theory	4		2	Pharmacology III – Theory	4	
3	Pharmacology II – Theory	4		3	Herbal Drug Technology – Theory	4	
4	Pharmacognosy and Phytochemistry II – Theory	4		4	Biopharmaceutics and Pharmacokinetics – Theory	4	
5	Pharmaceutical Jurisprudence – Theory	4		5	Pharmaceutical Biotechnology – Theory	4	
6	Industrial Pharmacy I – Practical	2		6	Pharmaceutical Quality Assurance - Theory	4	
7	Pharmacology II – Practical	2		7	Medicinal Chemistry III – Practical	2	
8	Pharmacognosy and Phytochemistry II – Practical	2		8	Pharmacology III – Practical	2	
				9	Herbal Drug Technology – Practical	2	
Total		26		Total		30	

Semester - VII				Semester - VIII			
S. No.	Course Name	Credits	Remarks	S. N o.	Course Name	Credits	Remarks
1	Instrumental Methods of Analysis – Theory	4		1	Biostatistics and Research Methodology - Theory	4	
2	Industrial Pharmacy II – Theory	4		2	Social and Preventive Pharmacy - Theory	4	
3	Pharmacy Practice – Theory	4		3	Project Work	6	
4	Novel Drug Delivery Systems – Theory	4		4	Life Skills	1	Only ICA
5	Instrumental Methods of Analysis – Practical	2		Electives (Choose any TWO)		8	
6	Practice School	6		1	Pharmaceutical Marketing Management - Theory		
7	Career Initiation Skills	1	Only ICA	2	Pharmaceutical Regulatory Science – Theory		
8	Industrial Training	4		3	Pharmacovigilance – Theory		
				4	Quality Control and Standardization of Herbals – Theory		
				5	Computer Aided Drug Design – Theory		
				6	Cell and Molecular Biology – Theory		
				7	Cosmetic Science – Theory		
				8	Pharmacological Screening Methods – Theory		
				9	Advanced Instrumentation Techniques – Theory		
				10	Dietary Supplements and Nutraceuticals - Theory		
				11	Pharmaceutical Product Development – Theory		
Total		29		Total		23	