

B Pharm (4 Years)
COURSE STRUCTURE

First Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours
			L	T	P	S		
1	BP101T	Human Anatomy and Physiology I – Theory	3	1	0	0	4	4
2	BP102T	Pharmaceutical Analysis I – Theory	3	1	0	0	4	4
3	BP103T	Pharmaceutics I – Theory	3	1	0	0	4	4
4	BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	0	0	4	4
5	BP105T	Communication skills – Theory	2	0	0	0	2	2
6	BP106RBT	Remedial Biology- Theory	2	0	0	0	2	2
	BP106RMT	Remedial Mathematics – Theory	2	0	0	0	2	2
7	BP107P	Human Anatomy and Physiology – Practical	0	0	4	0	2	4
8	BP108P	Pharmaceutical Analysis I – Practical	0	0	4	0	2	4
9	BP109P	Pharmaceutics I – Practical	0	0	4	0	2	4
10	BP110P	Pharmaceutical Inorganic Chemistry – Practical	0	0	4	0	2	4
11	BP111P	Communication skills – Practical	0	0	2	0	1	2
12	BP112RBP	Remedial Biology – Practical	0	0	2	0	1	2
Total credits							27/29*/30**	32/34*/36**

Second Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours
			L	T	P	S		
1	BP201T	Human Anatomy and Physiology II – Theory	3	1	0	0	4	4
2	BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	0	0	4	4
3	BP203T	Biochemistry – Theory	3	1	0	0	4	4
4	BP204T	Pathophysiology – Theory	3	1	0	0	4	4
5	BP205T	Computer Applications in Pharmacy – Theory	3	0	0	0	3	3
6	BP206T	Environmental sciences – Theory	3	0	0	0	3	3
7	BP207P	Human Anatomy and Physiology II –Practical			4	0	2	4
8	BP208P	Pharmaceutical Organic Chemistry I– Practical			4	0	2	4
9	BP209P	Biochemistry – Practical			4	0	2	4
10	BP210P	Computer Applications in Pharmacy – Practical			2	0	1	2
Total credits							29	36

Third Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours
			L	T	P	S		
1	BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	0	0	4	3
2	BP302T	Physical Pharmaceutics I – Theory	3	1	0	0	4	3
3	BP303T	Pharmaceutical Microbiology – Theory	3	1	0	0	4	3
4	BP304T	Pharmaceutical Engineering – Theory	3	1	0	0	4	3
5	BP305P	Pharmaceutical Organic Chemistry II – Practical			4	0	2	4
6	BP306P	Physical Pharmaceutics I – Practical			4	0	2	4
7	BP307P	Pharmaceutical Microbiology – Practical			4	0	2	4
8	BP 308P	Pharmaceutical Engineering –Practical			4	0	2	4
9	UHVE1002	Universal Human Values and Ethics			2	0	2	2
Total credits							26	30

Fourth Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours
			L	T	P	S		
1	BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4	0	4	4
2	BP402T	Medicinal Chemistry I – Theory	3	1	4	0	4	4
3	BP403T	Medicinal Chemistry I – Theory	3	1	4	0	4	4
4	BP404T	Pharmacology I – Theory	3	1	4	0	4	4
5	BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4	0	4	4
6	BP406P	Medicinal Chemistry I – Practical			4	0	2	4
7	BP407P	Physical Pharmaceutics II – Practical			4	0	2	4
8	BP408P	Pharmacology I – Practical			4	0	2	4
9	BP409P	Pharmacognosy and Phytochemistry I – Practical			4	0	2	4
Total credits							28	36

Fifth Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours
			L	T	P	S		
1	BPHT5001	Medicinal Chemistry II – Theory	3	1	0	0	4	3
2	BPHT5002	Industrial PharmacyI– Theory	3	1	0	0	4	3
3	BPHT5003	Pharmacology II – Theory	3	1	0	0	4	3
4	BPHT5004	Pharmacognosy and Phytochemistry II– Theory	3	1	0	0	4	3
5	BPHT5005	Pharmaceutical Jurisprudence – Theory	3	1	0	0	4	3

6	BPHP5006	Industrial PharmacyI – Practical			4	0		2	4
7	BPHP5007	Pharmacology II – Practical			4	0		2	4
8	BPHP5008	Pharmacognosy and Phytochemistry II – Practical			4	0		2	4
Total credits								26	27

Sixth Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours	
			L	T	P	S			
1	BPHT6001	Medicinal Chemistry III – Theory	3	1		0	4	4	
2	BPHT6002	Pharmacology III – Theory	3	1		0	4	4	
3	BPHT6003	Herbal Drug Technology – Theory	3	1		0	4	4	
4	BPHT6004	Biopharmaceutics and Pharmacokinetics – Theory	3	1		0	4	4	
5	BPHT6005	Pharmaceutical Biotechnology – Theory	3	1		0	4	4	
6	BPHT6006	Quality Assurance –Theory	3	1		0	4	4	
7	BPHP6007	Medicinal chemistry III – Practical				2	2	4	
8	BPHP6008	Pharmacology III – Practical				2	2	4	
9	BPHP6009	Herbal Drug Technology – Practical				2	2	4	
Total credits								30	36

Seventh Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours	
			L	T	P	S			
1	BPHT7001	Instrumental Methods of Analysis – Theory	3	1		0	4	4	
2	BPHT7002	Industrial PharmacyII – Theory	3	1		0	4	4	
3	BPHT7003	Pharmacy Practice – Theory	3	1		0	4	4	
4	BPHT7004	Novel Drug Delivery System – Theory	3	1		0	4	4	
5	BPHP7005	Instrumental Methods of Analysis – Practical				0	2	4	
6	BPPS7006	Practice School				0	6	12	
Total credits								24	28

Eight Semester

Sl. No.	Course Code	Course Title	Credit Structure				Credits	Hours	
			L	T	P	S			
1	BPHT8001	Biostatistics and Research Methodology	3	1		0	4	4	
2	BPHT8002	Social and Preventive Pharmacy	3	1		0	4	4	
3	BPPW8013	Project Work				12	6	12	
Total credits								14	20

Elective subject

1	BPET8003	Pharma Marketing Management	3	1	0	0	4	4	
2	BPET8004	Pharmaceutical Regulatory Science	3	1	0	0	4	4	
3	BPET8005	Pharmacovigilance	3	1	0	0	4	4	
4	BPET8006	Quality Control and Standardization of Herbals	3	1	0	0	4	4	
5	BPET8007	Computer Aided Drug Design	3	1	0	0	4	4	
6	BPET8008	Cell and Molecular Biology	3	1	0	0	4	4	
7	BPET8009	Cosmetic Science	3	1	0	0	4	4	
8	BPET8010	Experimental Pharmacology	3	1	0	0	4	4	
9	BPET8011	Advanced Instrumentation Techniques	3	1	0	0	4	4	
10	BPET8012	Dietary Supplements and Nutraceuticals	3	1	0	0	4	4	
11	BPMR8014	Medical Sales Representative	3	0	1	0	4	4	
12	BPPM8015	Chemist- Production (Pharma, Cosmetics & Biologics) - Non Sterile Product Manufacturing	3	0	1	0	4	4	
13	BPQA8016	Chemist- In-process Quality Assurance (Pharma, Biologics and Medical Device)	3	0	1	0	4	4	
14	BPQC8017	Analyst/Chemist-Quality Control: High-Performance Liquid Chromatography (HPLC), Ultraviolet-visible Spectroscopy (UV)	3	0	1	0	4	4	
15	BPCR8018	Associate-Clinical Research Management (Pharma, Biologics and Medical devices): Site Management	3	0	1	0	4	4	
Total credits								26	32