

**New Curriculum for Bachelor in Pharmacy
Department of Pharmaceutical Technology**

FIRST YEAR FIRST SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/111	Pharmaceutics-I	3	0	3	100	0
Pharm/T/112	Pharmaceutical Biology	3	0	3	100	0
Pharm/ME/T/ 11	Applied mechanics	3	0	3	100	0
Ph/IB/T/114	Physics-IB	3	0	3	100	0
Hu/B /T/115	Humanities-B	3	0	3	100	0
Pharm/Math/T/116	Mathematics-IM	3	0	3	100	0
Pharm/S/111	Pharm Biology Lab	0	3	3	50	50
Pharm/Ph/S/112	Physics Lab	0	3	3	0	100
Pharm/ME/S/113	Engineering Drawing	0	3	3	0	100
Pharm/ME/S/114	Workshop Practice	0	3	3	0	100
	Sub - Total	18	12		650	350
	Total	30		30	1000	

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FIRST YEAR SECOND SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/121	Pharmaceutics-II	4	0	3	100	0
Pharm/T/122	Pharmaceutical Chemistry-I (Organic I)	4	0	3	100	0
Pharm/T/123	Pharmaceutical Chemistry-II (Analytical)	4	0	3	100	0
Pharm/T/124	Human Anatomy and Physiology I	4	0	3	100	0
Pharm/T/125	Numerical Methods And Computer Programming	4	0	3	100	0
Pharm/S/121	Pharmaceutics Lab-I	0	3	3	50	50
Pharm/S/122	Pharmaceutical Chemistry Lab-I (Organic)	0	3	3	50	50
Pharm/S/123	Pharmaceutical Chemistry Lab-II (Analytical)	0	3	3	50	50
Pharm/S/124	Numerical Methods and Computer Programming Lab	0	3	3	-	100
	Sub - Total	20	12		650	250
	Total	32		30	900	

SECOND YEAR FIRST SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/211	Pharmaceutics-III	4	0	3	100	0
Pharm/T/212	Pharmaceutical Chemistry-III (Organic II)	4	0	3	100	0
Pharm/T/213	Pharmaceutical Chemistry-IV (Gr A. Physical; Gr. B. Inorganic)	4	0	3	100	0
Pharm/T/214	Human Anatomy and Physiology II	4	0	3	100	0
Pharm/T/215	Industrial Management	4	0	3	100	0
Pharm/S/211	Pharmaceutics Lab-II	0	4	3	50	50
Pharm/S/212	Pharmaceutical Chemistry Lab-III (Organic)	0	4	3	50	50
Pharm/S/213	Physiology Lab	0	4	3	50	50
	Sub - Total				650	150
		20	12			
	Total		32	24		800

SECOND YEAR SECOND SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/221	Pharmaceutics-IV	4	0	3	100	0
Pharm/T/222	Pharmaceutical Chemistry-V (Advanced Organic)	3	0	3	100	0
Pharm/T/223	Pharmaceutical Chemistry-VI (Analytical)	4	0	3	100	0
Pharm/T/224	Applied Microbiology-I	3	0	3	100	0
Pharm/T/225	Applied Biochemistry	3	0	3	100	0
Pharm/T/326	Forensic Pharmacy	3	0	3	100	0
Pharm/S/221	Pharm Chem Lab-IV (Analysis)	0	4	3	50	50
Pharm/S/222	Applied Biochemistry Lab	0	4	3	50	50
Pharm/S/223	Applied Microbiology Lab	0	4	3	50	50
	Sub - Total	20	12		750	150
	Total	32		27	900	

THIRD YEAR FIRST SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/311	Pharmaceutics-V	4	0	3	100	0
Pharm/T/312	Medicinal Chemistry-I	3	0	3	100	0
Pharm/T/313	Pharmacology-I	4	0	3	100	0
Pharm/T/314	Applied Biochemistry-II	3	0	3	100	0
Pharm/T/315	Applied Microbiology-II	3	0	3	100	0
Pharm/T/316	Elective I (Chemistry of Natural Products /Engineering aspects in Pharmacy)	3	0	3	100	0
Pharm/S/311	Pharmaceutics Lab-III	0	4	3	50	50
Pharm/S/312	Pharmacognosy Lab	0	4	3	50	50
Pharm/S/313	Pharmacology Lab	0	4	3	50	50
	Sub - Total	20	12		750	150
	Total		32	27		900

THIRD YEAR SECOND SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/321	Pharmaceutics-VI	4	0	3	100	0
Pharm/T/322	Medicinal Chemistry-II	3	0	3	100	0
Pharm/T/323	Pharmacology-II	3	0	3	100	0
Pharm/T/324	Pharmacognosy-I	4	0	3	100	0
Pharm/T/325	Pharmaceutical Engineering-I	3	0	3	100	0
Pharm/T/326	Elective II (Newer Drugs/ Industrial Pharmacy)	3	0	3	100	0
Pharm/S/321	Pharmaceutics Lab-IV	0	4	3	50	50
Pharm/S/322	Pharm Chem Lab-V (Med Chem Lab I)	0	4	3	50	50
Pharm/S/323	Pharm. Engg. Lab	0	4	3	50	50
	Sub - Total	20	12		750	150
	Total		32	27		900

FOURTH YEAR FIRST SEMESTER						
<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/411	Pharmaceutics-VII	4	0	3	100	0
Pharm/T/412	Medicinal Chemistry-III	4	0	3	100	0
Pharm/T/413	Pharmacology-III	4	0	3	100	0
Pharm/T/414	Pharmacognosy-II	4	0	3	100	0
Pharm/S/411	Pharmaceutics Lab-V	0	4	3	50	50
Pharm/S/412	Pharm Chemistry Lab-VI	0	4	3	50	50
Pharm/S/413	Project / Seminar	0	4	3	0	100
	Sub - Total	16	12		500	200
	Total		28	24		700

FOURTH YEAR SECOND SEMESTER

<i>Code no.</i>	<i>Subject</i>	<i>Pds/week</i>		<i>Credit</i>	<i>Marks</i>	
		<i>L</i>	<i>S</i>		<i>Exam</i>	<i>Sessional</i>
Pharm/T/421	Pharmaceutics-VIII	4	0	3	100	0
Pharm/T/422	Medicinal Chemistry-IV	4	0	3	100	0
Pharm/T/423	Pharmacology-IV	4	0	3	100	0
Pharm/T/424	Pharm. Engineering-II	4	0	3	100	0
Pharm/S/421	Pharmaceutics Lab VI	0	4	3	50	50
Pharm/S/422	Project/Seminar	0	4	3	0	100
	Sub - Total	16	8		450	150
	Total	24		18	600	