

B. PHARM SCHEME OF CURRICULUM					
W.E.F :2020					
Course Code	Course Name	L	T	P	CREDIT
Semester-I					
23990101	Human Anatomy and Physiology I– Theory	3	1	0	4
23990102	Pharmaceutical Analysis I – Theory	3	1	0	4
23990103	Pharmaceutics I –Theory	3	1	0	4
23990104	Pharmaceutical Inorganic Chemistry – Theory	3	1	0	4
23990105	Communication skills – Theory	2	0	0	2
23990106 / 23990107	Remedial Biology-Theory*/ Remedial Mathematics – Theory*	2	0	0	2
23990108	Human Anatomy and Physiology – Practical	0	0	4	2
23990109	Pharmaceutical Analysis I – Practical	0	0	4	2
23990110	Pharmaceutics I – Practical	0	0	4	2
23990111	Pharmaceutical Inorganic Chemistry – Practical	0	0	4	2
23990112	Communication skills – Practical	0	0	2	1
23990113	Remedial Biology – Practical*	0	0	2	1
	TOTAL	18	4	20	27/29[§] /30[#]
#Applicable ONLY for the students studied Mathematics / Physics/ Chemistry at HSC and appearing for Remedial Biology (RB)course					
[§] Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics(RM)course					
* Non University Examination (NUE)					
Semester-II					
23990201	Human Anatomy and Physiology II – Theory	3	1	0	4
23990202	Pharmaceutical Organic Chemistry I – Theory	3	1	0	4
23990203	Pharmaceutical Engineering-Theory	3	1	0	4
23990204	Computer Applications in Pharmacy – Theory*	3	0	0	3
23990205	Environmental Sciences – Theory*	3	0	0	3
23990206	Human Anatomy and Physiology II –Practical	0	0	4	2
23990207	Pharmaceutical Organic Chemistry I– Practical	0	0	4	2
23990208	Pharmaceutical Engineering-Practical	0	0	4	2
23990209	Computer Applications in Pharmacy – Practical*	0	0	2	1
	TOTAL	15	3	14	25
* Non University Examination (NUE)					
Semester-III					
23990301	Pharmaceutical Organic Chemistry II – Theory	3	1	0	4
23990302	Physical Pharmaceutics I – Theory	3	1	0	4
23990303	Biochemistry-Theory	3	1	0	4

23990304	Pathophysiology-Theory	3	1	0	4
23990305	Pharmacognosy and Phytochemistry I -Theory	3	1	0	4
23990306	Pharmaceutical Organic Chemistry II – Practical	0	0	4	2
23990307	Physical Pharmaceutics I – Practical	0	0	4	2
23990308	Biochemistry – Practical	0	0	4	2
23990309	Pharmacognosy and Phytochemistry I –Practical	0	0	4	2
	TOTAL	15	5	16	28
Semester-IV					
23990401	Pharmaceutical Organic Chemistry III– Theory	3	1	0	4
23990402	Medicinal Chemistry I – Theory	3	1	0	4
23990403	Physical Pharmaceutics II – Theory	3	1	0	4
23990404	Pharmacology I – Theory	3	1	0	4
23990405	Pharmaceutical Jurisprudence– Theory	3	1	0	4
23990406	Medicinal Chemistry I – Practical	0	0	4	2
23990407	Physical Pharmaceutics II – Practical	0	0	4	2
23990408	Pharmacology I – Practical	0	0	4	2
	TOTAL	15	5	12	26
Semester-V					
23990501	Medicinal Chemistry II– Theory	3	1	0	4
23990502	Pharmacology II – Theory	3	1	0	4
23990503	Pharmacognosy and Phytochemistry II– Theory	3	1	0	4
23990504	Pharmaceutical Microbiology – Theory	3	1	0	4
23990505	Pharmaceutical Biotechnology- Theory	3	1	0	4
23990506	Pharmacology II – Practical	0	0	4	2
23990507	Pharmacognosy and Phytochemistry II – Practical	0	0	4	2
23990508	Pharmaceutical Microbiolgoy II- Practical	0	0	4	2
	TOTAL	15	5	12	26
Semester-VI					
23990601	Medicinal Chemistry III– Theory	3	1	0	4
23990602	Pharmacology III – Theory	3	1	0	4
23990603	Herbal Drug Technology – Theory	3	1	0	4
23990604	Biopharmaceutics and Pharmacokinetics – Theory	3	1	0	4
23990605	Industrial Pharmacy – Theory	3	1	0	4
23990606	Medicinal chemistry III – Practical	0	0	4	2
23990607	Pharmacology III– Practical	0	0	4	2
23990608	Herbal Drug Technology – Practical	0	0	4	2
23990609	Industrial Pharmacy – Practical	0	0	4	2
	TOTAL	15	5	16	28
Semester-VII					

23990701	Instrumental Methods of Analysis – Theory	3	1	0	4
23990702	Industrial PharmacyII – Theory	3	1	0	4
23990703	Pharmacy Practice – Theory	3	1	0	4
23990704	Novel Drug Delivery System – Theory	3	1	0	4
23990705	Quality Assurance– Theory	3	1	0	4
23990706	Instrumental Methods of Analysis – Practical	0	0	4	2
23990707	Practice School*	0	0	12	6
	TOTAL	15	5	16	28
Semester-VIII					
23990801	Biostatistics and Research Methodology	3	1	0	4
23990802	Social and Preventive Pharmacy	3	1	0	4
	ELECTIVE-I	3	1	0	4
23990805	Pharmacovigilance				
23990806	Quality Control and Standardization of Herbals				
23990809	Cosmetic Science				
23990810	Experimental Pharmacology				
	ELECTIVE-II	3	1	0	4
23990803	Pharma Marketing Management				
23990804	Pharmaceutical Regulatory Science				
23990807	Computer Aided Drug Design				
23990808	Cell and Molecular Biology				
23990811	Advanced Instrumentation Techniques				
23990812	Dietary Supplements and Nutraceuticals				
23990813	Project Work	0	0	12	6
	TOTAL	12	4	12	22