

**I B. PHARM.
SCHEME**

SEMESTER - I

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY1Y109	Human Anatomy & Physiology I	3	1	4	3	1	2	6	75	25	15	35	150
2.	PY1Y110	Pharmaceutical Analysis I	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY1Y111	Pharmaceutics I	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY1Y112	Pharmaceutical Inorganic Chemistry	3	1	4	3	1	2	6	75	25	15	35	150
5.	HU1Y005	Communication skills*	2	-	2	2	-	1	3	35	15	10	15	75
6.	PY1Y006/ MA1Y007	Remedial Biology/ Remedial Mathematics*	2	-	2/0	2	-	1/0	3/2	35	15	10/0	15/0	75/50
Total			16	4	18[§]/20[#]	16	4	9[§]/10[#]	27/29[§]/30[#]	370	130	70[§]/80[#]	155[§]/170[#]	725[§]/750[#]

#Applicable ONLY for the students who have studied Mathematics/Physics/Chemistry at HSC & appearing for Remedial Biology course.

§Applicable ONLY for the students who have studied Physics/Chemistry/Botany/Zoology at HSC & appearing for Remedial Mathematics course.

* Non University Examination (NUE)

I B.PHARM. SCHEME

SEMESTER - II

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY1Y610	Human Anatomy and Physiology II	3	1	4	3	1	2	6	75	25	15	35	150
2.	PY1Y611	Pharmaceutical Organic Chemistry I	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY1Y613	Biochemistry	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY1Y612	Pathophysiology	3	1	-	3	1	-	4	75	25	-	-	100
5.	CT1Y503	Computer Applications in Pharmacy*	3	-	2	3	-	1	4	50	25	10	15	100
6.	PY1Y504	Environmental Sciences*	3	-	-	3	-	-	3	50	25	-	-	75
Total			18	4	14	18	4	7	29	400	150	55	120	725

*Non University Examination (NUE)

B.PHARM. SCHEME**SEMESTER – III**

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY2Y015	Pharmaceutical Organic Chemistry II	3	1	4	3	1	2	6	75	25	15	35	150
2.	PY2Y014	Physical Pharmaceutics-I	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY2Y013	Pharmaceutical Microbiology	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY2Y012	Pharmaceutical Engineering	3	1	4	3	1	2	6	75	25	15	35	150
Total			12	4	16	12	4	8	24	300	100	60	140	600

II B. PHARM SCHEME

SEMESTER - IV

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY 2Y 629	Pharmaceutical Organic Chemistry III	3	1	-	3	1	-	4	75	25	-	-	100
2.	PY 2Y 627	Medicinal Chemistry I	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY 2Y 620	Physical Pharmaceutics II	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY 2Y 628	Pharmacology I	3	1	4	3	1	2	6	75	25	15	35	150
5.	PY 2Y 621	Pharmacognosy and Phytochemistry-I	3	1	4	3	1	2	6	75	25	15	35	150
Total			15	5	16	15	5	8	28	375	125	60	140	700

III B. PHARM SCHEME

SEMESTER – V

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY3Y016	Medicinal Chemistry II	3	1	-	3	1	-	4	75	25	-	-	100
2.	PY3Y017	Industrial Pharmacy I	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY3Y020	Pharmacology II	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY3Y019	Pharmacognosy & Phytochemistry II	3	1	4	3	1	2	6	75	25	15	35	150
5.	PY3Y018	Pharmaceutical Jurisprudence	3	1	-	3	1	-	4	75	25	-	-	100
Total			15	5	12	15	5	06	26	375	125	45	105	650

III B.PHARM. SCHEME

SEMESTER – VI

S. No.	Sub. Code	Subject	L	T	P	Th. Credit	Tu. Credit	Pr. Credit	Total Credit	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY3Y517	Medicinal Chemistry III	3	1	4	3	1	2	6	75	25	15	35	150
2.	PY3Y518	Pharmacology III	3	1	4	3	1	2	6	75	25	15	35	150
3.	PY3Y519	Herbal Drug Technology	3	1	4	3	1	2	6	75	25	15	35	150
4.	PY3Y520	Biopharmaceutics & Pharmacokinetics	3	1	-	3	1	-	4	75	25	-	-	100
5.	PY3Y521	Pharmaceutical Biotechnology	3	1	-	3	1	-	4	75	25	-	-	100
6.	PY3Y542	Quality Assurance	3	1	-	3	1	-	4	75	25	-	-	100
Total			18	6	12	18	6	6	30	450	150	45	105	750

IV B. PHARM SCHEME

SEMESTER 'VII'

S. No.	Sub. Code	Subject	L	T	P	Th. Cr.	Tu. Cr.	Pr. Cr.	Total Cr.	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY4Y021	Instrumental Methods of Analysis	3	1	4	3	1	2	6	75	25	15	35	150
2.	PY4Y022	Industrial Pharmacy- II	3	1	-	3	1	-	4	75	25	-	-	100
3.	PY4Y023	Pharmacy Practice	3	1	-	3	1	-	4	75	25	-	-	100
4.	PY4Y024	Novel Drug Delivery System	3	1	-	3	1	-	4	75	25	-	-	100
5.	PY4Y483	Practice School*	-	-	12	-	-	6	6	-	-	25	125	150
Total			12	04	16	12	04	08	24	300	100	40	160	600

2024-25

B. PHARM SCHEME

IV B.PHARM SCHEME
SEMESTER 'VIII'

S. No.	Sub. Code	Subject	No. of Hours	T	P	Th. Cr.	Tu. Cr.	Pr. Cr.	Total Cr.	Maximum Marks				
										TH	CW	SW	Pr.	Total
1.	PY4Y521	Biostatistics and Research Methodology	3	1	-	3	1	-	4	75	25	-	-	100
2.	PY4Y522	Social and Preventive Pharmacy	3	1	-	3	1	-	4	75	25	-	-	100
3.	MB4Y612 MB4Y717	Pharma Marketing Management	3+3 = 6	1+1 = 2	-	3+3 = 6	1+1 = 2	-	4 + 4 = 8	75+75 = 150	25+25 = 50	--	--	100 + 100 = 200
4.	PY4Y606 PY4Y708	Pharmaceutical Regulatory Science												
5.	PY4Y607 PY4Y713	Pharmacovigilance												
6.		Quality Control and Standardization of Herbals												
7.		Computer Aided Drug Design												
8.		Cell and Molecular Biology												
9.	PY4Y613 PY4Y715	Cosmetic Science												
10.		Experimental Pharmacology												
11.		Advanced Instrumentation Techniques												
12.		Dietary Supplements and Nutraceuticals												
13.	PY4Y615 PY4Y716	Pharmaceutical Product Development												
14.	PY4Y883	Project Work	-	-	12	-	-	6	6	-	-	-	150	150
Total			12	4	12	12	4	6	22	300	100	-	150	550

Department of Pharmacy, SGSITS, Indore