

M.Pharm Scheme

COURSES OF STUDY AND SCHEME OF EXAMINATION

Name of the Programme			Master of Pharmacy		
Program Core (PC)	Program Elective (PE)	Open Elective (OE)	Total Credits		
57	04	04	65		
Semester I					
S.No.	Course No.	Subjects	Title	Teaching Hours/Week	
				L – T – P	Credits
1	MPL 501	Advanced Pharmaceutical Drug Analysis	PC	4 – 0 – 8	8.0
2	MPL 551/601/701/801	Paper-I	PC	4 – 0 – 8	8.0
3	MPL 511/ MPL 512/MPL 513/ MPL 514	Therapeutic Drug Monitoring/ Drug Design / Sterile Product Technology/ Quality Assurance	PE	4 – 0 – 0	4.0
4		Seminar	PC	2 – 0 – 0	2.0
		Total Credits:			22
Semester II					
1	MPL 552/602/702/802	Paper-II	PC	4 – 0 – 8	8.0
2	MPL 553/603/703/803	Paper-III	PC	4 – 0 – 8	8.0
3	MNT 701/MNT-723	Open elective	OE	4 – 0 – 0	4.0

4		Seminar		2 - 0 - 0	2.0
		Total Credits:			22
Semester III					
1	MPD 900	Major research Project (To be continued in IV th Semester)	PC	0 - 0 - 10	5.0
2		Seminar	PC	2 - 0 - 0	2.0
Semester IV					
3	MPD 900	Major Research Project including viva	PC	0 - 0 - 24	12.0
4		Seminar	PC	2 - 0 - 0	2.0
		Total Credits:			21

M. Pharm.

Papers	Paper Code	Title of paper	Credits L – T – P
M. Pharm. (Pharmaceutical Chemistry)			
Paper-I	MPL 551	Pharmaceutical Chemistry-I (Advanced Organic Chemistry)	4 – 0 – 8
Paper-II	MPL 552	Pharmaceutical Chemistry – II (Advanced Medicinal Chemistry)	4 – 0 – 8
Paper-III	MPL 553	Pharmaceutical Chemistry – III (Chemistry of Natural Products)	4 – 0 – 8
M. Pharm. (Pharmaceutics)			
Paper-I	MPL 601	Pharmaceutics – I (Product Development)	4 – 0 – 8
Paper-II	MPL 602	Pharmaceutics – II (Biopharmaceutics & Pharmacokinetics)	4 – 0 – 8
Paper-III	MPL 603	Pharmaceutics – III (Novel Drug Delivery Systems)	4 – 0 – 8
M. Pharm. (Pharmacology)			
Paper-I	MPL 701	Pharmacology-I (Advances in Pharmacology)	4 – 0 – 8
Paper-II	MPL 702	Pharmacology – II (Recent Trends in Pharmacology)	4 – 0 – 8
Paper-III	MPL 703	Pharmacology – III (Pharmacological Screening of Drugs)	4 – 0 – 8
M. Pharm. (Pharmacognosy)			
Paper-I	MPL 801	Pharmacognosy-I (Advanced Pharmacognosy)	4 – 0 – 8
Paper-II	MPL 802	Pharmacognosy-II (Herbal Drug Development)	4 – 0 – 8
Paper-III	MPL 803	Pharmacognosy-III (Characterization of Plant Constituents)	4 – 0 – 8

Open electives:

MNT 701 Introduction to Nanoscience and Nanotechnology 4 Credits (4 – 0 – 0)

MNT 723 Introduction to Bioinformatics 4 Credits (4 – 0 – 0)