Faculty Name:	FACULTY OF PHARMACEUTICAL SCIENCE
Programme Name:	Master of Pharmacy (Pharmaceutics)

Programme Structure Summary

SEMESTER 1												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
Core	108300101	Modern Pharmaceutical Analytical Techniques	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320102	Drug Delivery System	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320103	Modern Pharmaceutics	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320104	Regulatory Affairs	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320105	Pharmaceutics Practical - II	6	–	12	–	12	–	–	50/20	100/40	150/60
Core	108320106	Seminar/Assignment	4	–	8	–	8	–	–	100/40	–	100/40

T = Theory, P = Practical, Tu = Tutorial

SEMESTER 2												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
Core	108320201	Molecular Pharmaceutics (Nano Tech. and Targeted DDS)	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320202	Advanced Biopharmaceutics and Pharmacokinetics	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320203	Computer Aided Drug delivery System	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320204	Cosmetic and Cosmeceuticals	4	4	–	–	4	25/10	75/30	–	–	100/40
Core	108320205	Pharmaceutics Practical - II	6	–	12	–	12	–	–	50/20	100/40	150/60
Core	108320206	Seminar/Assignment	4	–	8	–	8	–	–	100/40	-	100/40

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Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
		SEMESTER 3										
Core	108300301	Journal Club I	1	1	-	–	1	25/10	–	–	–	25/10
Core	108300302	Research Methodology and Biostatistics*	4	4	-	–	4	25/10	75/30	–	–	100/40
Core	108300303	Discussion/ Presentation (Proposal Presentation)	2	2	-	–	2	50/20	–	-	-	50/20
Core	108300304	Research Work	14	-	28	–	28	–	–	50/20	300/120	350/140

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Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
		SEMESTER 4										
Core	108300401	Journal Club II	1	1	–	–	1	25/10	–	–	–	25/10
Core	108300402	Discussion/ Presentation	3	3	–	–	3	75/30	–	–	–	75/30
Core	108300403	Research Work – Final Presentation	16	–	32	–	32	–	–	100/40	300/120	400/160

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| Faculty Name: | FACULTY OF PHARMACEUTICAL SCIENCE |
| Programme Name: | Master of Pharmacy (Pharmaceutics) |

Programme Outcomes

PO-1	**Pharmaceutics Knowledge:** Design and investigate the drug based potential dosage forms and drug delivery systems as per needs and specifications in Pharmaceutical Industries and marketing.
PO-2	**Core Competency**: Analyse the approved drug and the dosage form using modern analytical tools, determine the associated biopharmaceutical parameters and establish in vitro-in vivo correlation
PO-3	**Modern Tools usage:** Use modern pharmaceutical tools to optimize pharmaceutical product for total quality management and safety addressing IPR and regulatory guidelines
PO-4	**Investigation of formulation problems:** Identify the problems associated with conventional therapy, design novel formulation to overcome that, with selection of technology and pharmaceutical aids
PO-5	**Pharmacy Professionalism and Ethics:** Students will be inculcated with professional and ethical values with respect to pharmacy profession and effective communication skills

Faculty Name:	Faculty of Pharmaceutical Science
Programme Name:	Master of Pharmacy (Pharmaceutics)
Semester:	I

Academic Batch: 2020-21

Course Group	Board of Studies / Faculty Ownership	Course Code	Course Name	Cr	Teaching Scheme				Assessment/Evaluation Type		External Exam Duration (Hrs.)		INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
					T	P	Tu	Cont. Hrs	T	P	T	P					
Core	Pharmacy	108300101	Modern Pharmaceutical Analytical Techniques	4	4	–	–	4	T	–	3	-	25/10	75/30	–	–	100/40
Core	Pharmacy	108320102	Drug Delivery System	4	4	–	–	4	T	–	3	-	25/10	75/30	–	–	100/40
Core	Pharmacy	108320103	Modern Pharmaceutics	4	4	–	–	4	T	–	3	-	25/10	75/30	–	–	100/40
Core	Pharmacy	108320104	Regulatory Affairs	4	4	–	–	4	T	–	3	-	25/10	75/30	–	–	100/40
Core	Pharmacy	108320105	Pharmaceutics Practical - I	6	–	12	–	12	–	P	–	8	–	–	50/20	100/40	150/60
Core	Pharmacy	108320106	Seminar/Assignment	4	–	8	–	8	–	P	–	–	–	–	100/40	–	100/40

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| Name & Sign [Chairman - Board of Studies]: | | Name & Sign [Dean / Director]: | |

	Faculty Name:	Faculty of Pharmaceutical Science
	Programme Name:	Master of Pharmacy (Pharmaceutics)
	Semester:	II

Academic Batch: 2020-21

Course Group	Board of Studies / Faculty Ownership	Course Code	Course Name	Cr	Teaching Scheme				Assessment/Evaluation Type		External Exam Duration (Hrs.)		INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
					T	P	Tu	Cont. Hrs	T	P	T	P					
Core	Pharmacy	108320201	Molecular Pharmaceutics (Nano Tech. and Targeted DDS)	4	4	–	–	4	T	–	3	–	25/10	75/30	–	–	100/40
Core	Pharmacy	108320202	Advanced Biopharmaceutics and Pharmacokinetics	4	4	–	–	4	T	–	3	–	25/10	75/30	–	–	100/40
Core	Pharmacy	108320203	Computer Aided Drug delivery System	4	4	–	–	4	T	–	3	–	25/10	75/30	–	–	100/40
Core	Pharmacy	108320204	Cosmetic and Cosmeceuticals	4	4	–	–	4	T	–	3	–	25/10	75/30	–	–	100/40
Core	Pharmacy	108320205	Pharmaceutics Practical - II	6	–	12	–	12	–	P	–	4	–	–	50/20	100/40	150/60
Core	Pharmacy	108320206	Seminar/Assignment	4	–	8	–	8	–	P	–	–	–	–	100/40	-	100/40

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Name & Sign
[Chairman - Board of Studies]:

Name & Sign
[Dean / Director]:

Faculty Name:	Faculty of Pharmaceutical Science
Programme Name:	Master of Pharmacy (Pharmaceutics)
Semester:	III	Academic Batch:	2020-21

Course Group	Board of Studies / Faculty Ownership	Course Code	Course Name	Cr	Teaching Scheme				Assessment/Evaluation Type		External Exam Duration (Hrs.)		INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
					T	P	Tu	Cont. Hrs	T	P	T	P					
Core	Pharmacy	108300301	Journal Club I	1	1	–	–	1	T	–	–	–	25/10	–	–	–	25/10
Core	Pharmacy	108300302	Research Methodology and Biostatistics*	4	4	–	–	4	T	–	3	–	25/10	75/30	–	–	100/40
Core	Pharmacy	108300303	Discussion/ Presentation (Proposal Presentation)	2	2	–	–	2	T	–	–	–	50/20	–	–	–	50/20
Core	Pharmacy	108300304	Research Work	14	–	28	–	28	–	–	–	–	–	–	50/20	300/120	350/140

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Name & Sign
[Dean / Director]:

Course Group	Board of Studies / Faculty Ownership	Course Code	Course Name	Cr	Teaching Scheme				Assessment/Evaluation Type		External Exam Duration (Hrs.)		INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
					T	P	Tu	Cont. Hrs	T	P	T	P					
Core	Pharmacy	108300401	Journal Club II	1	1	–	–	1	T	–	–	–	25/10	–	–	–	25/10
Core	Pharmacy	108300402	Discussion/ Presentation	3	3	–	–	3	T	–	–	–	75/30	–	–	–	75/30
Core	Pharmacy	108300403	Research Work – Final Presentation	16	–	32	–	32	–	–	–	–	–	–	100/40	300/120	400/160

 # T = Theory, P = Practical, Tu = Tutorial

Name & Sign
[Chairman - Board of Studies]:

Name & Sign
[Dean / Director]: