



FACULTY OF PHARMACEUTICAL SCIENCES

PROGRAMME STRUCTURE

(As Per Pharmacy Council of India)

MASTER OF PHARMACY (PHARMACEUTICS)

UNIVERSITY

Aegis: Charutar Vidya Mandal (Estd.1945)

Effective from Academic Year: 2025-26



Faculty Name: Faculty of Pharmaceutical Sciences

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	-	-	100/50
CORE	108320102	DRUG DELIVERY SYSTEMS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320103	MODERN PHARMACEUTICS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320104	REGULATORY AFFAIRS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320105	PHARMACEUTICS PRACTICAL - I	6	-	12	-	12	-	-	50/20	100/40	150/75
CORE	108320106	SEMINAR/ASSIGNMENT	4	-	8	-	8	-	-	100/40	-	100/50

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	-	-	100/50
CORE	108320202	ADVANCED BIOPHARMACEUTICS AND PHARMACOKINETICS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320203	COMPUTER AIDED DRUG DELIVERY SYSTEMS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320204	COSMETIC AND COSMECEUTICALS	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108320205	PHARMACEUTICS PRACTICAL - II	6	-	12	-	12	-	-	50/20	100/40	150/75
CORE	108320206	SEMINAR/ASSIGNMENT	4	-	8	-	8	-	-	100/40	-	100/50

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SEMESTER 3												
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	108300301	JOURNAL CLUB - I	1	1	-	-	1	25/10	-	-	-	25/13
CORE	108300302	RESEARCH METHODOLOGY AND BIOSTATISTICS*	4	4	-	-	4	25/10	75/30	-	-	100/50
CORE	108300303	DISCUSSION/ PRESENTATION (PROPOSAL PRESENTATION)	2	2	-	-	2	50/20	-	-	-	50/25
CORE	108300304	RESEARCH WORK	14	-	28	-	28	-	-	50/20	300/120	350/175

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* Non University Examination

SEMESTER 4												
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	108300401	JOURNAL CLUB - II	1	1	-	-	1	25/10	-	-	-	25/13
CORE	108300402	DISCUSSION/ PRESENTATION	3	3	-	-	3	75/30	-	-	-	75/38
CORE	108300403	RESEARCH WORK - FINAL PRESENTATION	16	-	32	-	32	-	-	100/40	300/120	400/200
CORE	108300404	CO-CURRICULAR ACTIVITIES	2	-	4	-	-	-	-	50/20	-	50/25

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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