



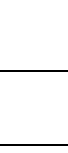
INTEGRAL UNIVERSITY, LUCKNOW FACULTY OF PHARMACY

MASTER OF PHARMACY (M.PHARM)

MASTER OF PHARMACY - PHARMACEUTICAL CHEMISTRY



Semester I

S. No.	Course code	Course Title	Type of Paper	Period			Evaluation Scheme				Subject Total	Credit	Total Credits	Attributes								United Nations Sustainable Development Goals (SDGs)
				Per hr/week/sem										Continuous Mode (CM)	Sessional Exam (SE)	Total	End Semester Examination (ESE)	Employability	Entrepreneurship	Skill Development	Gender Equality	
				Lecture (L)	Tutorial (T)	Practical (P)																
THEORY																						
1	MPC101T	MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES	Core	4	0	0	10	15	25	75	100	4	4	√		√		√				
2	MPC102T	ADVANCED ORGANIC CHEMISTRY I	Core	4	0	0	10	15	25	75	100	4	4	√		√		√		√		
3	MPC103T	ADVANCED MEDICINAL CHEMISTRY	Core	4	0	0	10	15	25	75	100	4	4	√		√		√		√		
4	MPC104T	CHEMISTRY OF NATURAL PRODUCTS	Core	4	0	0	10	15	25	75	100	4	4	√		√		√		√		
PRACTICAL																						
1	MPC105P	PHARMACEUTICAL CHEMISTRY PRACTICAL I	Core	0	0	12	20	30	50	100	150	6	6	√		√		√		√		
2	SEMINAR	SEMINAR	Core	-	-	7	-	-	-	100	100	4	4	√	√	√		√		√		
Total				16	0	19	60	90	150	500	650	26	26									

Semester II

S. No.	Course code	Course Title	Type of Paper	Period			Evaluation Scheme				Subject Total	Credit	Total Credits	Attributes							United Nations Sustainable Development Goals (SDGs)
				Per hr/week/sem			Continuous Mode (CM)	Sessional Exam (SE)	Total	End Semester Examination (ESE)				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
				Lecture (L)	Tutorial (T)	Practical (P)															
THEORY																					
1	MPC201T	ADVANCED SPECTRAL ANALYSIS	Core	4	0	0	10	15	25	75	100	4	4	√	√	√	√	√	√	√	 
2	MPC202T	ADVANCED ORGANIC CHEMISTRY II	Core	4	0	0	10	15	25	75	100	4	4	√		√		√		√	
3	MPC203T	COMPUTER AIDED DRUG DESIGN	Core	4	0	0	10	15	25	75	100	4	4	√	√	√	√	√			 
4	MPC204T	PHARMACEUTICAL PROCESS CHEMISTRY	Core	4	0	0	10	15	25	75	100	4	4	√	√	√		√		√	
PRACTICAL																					
1	MPC205P	PHARMACEUTICAL CHEMISTRY PRACTICAL	Core	0	0	12	20	30	50	100	150	6	6	√	√	√		√		√	
2	SEMINAR	SEMINAR	Core	-	-	7	-	-		100	100	4	4	√	√	√		√		√	
Total				16	0	19	60	90	150	500	650	26	26								

Semester III

S. No.	Course code	Course Title	Type of Paper	Period			Evaluation Scheme				Subject Total	Credit	Total Credits	Attributes								United Nations Sustainable Development Goals (SDGs)
				Per hr/week/sem			Continuous Mode (CM)	Sessional Exam (SE)	Total	End Semester Examination (ESE)				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
				Lecture (L)	Tutorial (T)	Practical (P)																
THEORY																						
1	MRM301T	RESEARCH METHODOLOGY AND BIOSTATISTICS	Core	4	0	0	10	15	25	75	100	4	4	√	√	√				√		
PRACTICAL																						
1	MJC301	JOURNAL CLUB	Core	-	-	1	-	25	25	-	25	1	1	√	√	√	√	√		√		
2	MPP301	PROPOSAL PRESENTATION	Core	-	-	2	-	50	50	-	50	2	2	√	√	√	√	√		√		
3	MRW301	RESEARCH WORK	Core	-	-	28	-	-	-	350	350	14	14	√	√	√	√	√		√		
Total				4	0	31	10	90	100	425	525	21	21									

Semester IV

S. No.	Course code	Course Title	Type of Paper	Period			Evaluation Scheme				Subject Total	Credit	Total Credits	Attributes							United Nations Sustainable Development Goals (SDGs)	
				Per hr/week/sem										Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
				Lecture (L)	Tutorial (T)	Practical (P)	Continuous Mode (CM)	Sessional Exam (SE)	Total	End Semester Examination (ESE)												
PRACTICAL																						
1	MJC401	JOURNAL CLUB	Core	-	-	1	-	25	25	-	25	1	1	√	√	√	√	√		√	3GOOD HEALTH AND WELL-BEING	
2	MPP401	PROPOSAL PRESENTATION	Core	-	-	3	-	75	75	-	75	3	3	√	√	√	√	√		√	3GOOD HEALTH AND WELL-BEING	
3	MRW401	RESEARCH WORK AND COLLOQUIUM	Core	-	-	31	-	-	-	400	400	16	16	√	√	√	√	√		√	3GOOD HEALTH AND WELL-BEING	
Total				0	0	35	0	100	100	400	500	20	20									