

**SCHOOL OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**

**M.Pharm (Pharmaceutics)**

<b>1<sup>st</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPH101T	Modern Pharmaceutical Analytical Techniques	4-0-0	4	75	25	100
Core course 2	MPH102T	Drug Delivery System	4-0-0	4	75	25	100
Core course 3	MPH103T	Modern Pharmaceutics	4-0-0	4	75	25	100
Core course 4	MPH104T	Regulatory Affair	4-0-0	4	75	25	100
Core course practical 1	MPH105P	Pharmaceutics Practical I	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
<b>Total Credits</b>				<b>26</b>			
<b>2<sup>nd</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4-0-0	4	75	25	100
Core course 2	MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4-0-0	4	75	25	100
Core course 3	MPH203T	Computer Aided Drug Delivery System	4-0-0	4	75	25	100
Core course 4	MPH204T	Cosmetic and Cosmeceuticals	4-0-0	4	75	25	100
Core course practical 1	MPH205P	Pharmaceutics Practical II	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
<b>Total Credits</b>				<b>26</b>			

**SCHOOL OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**

**M.Pharm (Pharmacology)**

<b>1<sup>st</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPL 101T	Modern Pharmaceutical Analytical Techniques	4-0-0	4	75	25	100
Core course 2	MPL 102T	Advanced Pharmacology-I	4-0-0	4	75	25	100
Core course 3	MPL 103T	Pharmacological and Toxicological Screening Methods-I	4-0-0	4	75	25	100
Core course 4	MPL 104T	Cellular and Molecular Pharmacology	4-0-0	4	75	25	100
Core course practical 1	MPL 105P	Pharmacology Practical I	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
<b>Total Credits</b>				<b>26</b>			
<b>2<sup>nd</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPL201T	Advanced Pharmacology II	4-0-0	4	75	25	100
Core course 2	MPL 202T	Pharmacological and Toxicological Screening Methods- II	4-0-0	4	75	25	100
Core course 3	MPL 203T	Principles of Drug Discovery	4-0-0	4	75	25	100
Core course 4	MPL 204T	Clinical research and pharmacovigilance	4-0-0	4	75	25	100
Core course practical 1	MPL 205P	Pharmacology Practical II	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
				<b>26</b>			

**SCHOOL OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**

**M.Pharm (Pharmacognosy)**

<b>1<sup>st</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPG101T	Modern Pharmaceutical Analytical Techniques	4-0-0	4	75	25	100
Core course 2	MPG10 2T	Advanced Pharmacognosy-1	4-0-0	4	75	25	100
Core course 3	MPG10 3T	Phytochemistry	4-0-0	4	75	25	100
Core course 4	MPG10 4T	Industrial Pharmacognostical Technology	4-0-0	4	75	25	100
Core course practical 1	MPG10 5P	Pharmacognosy Practical I	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
<b>Total Credits</b>				<b>26</b>			
<b>2<sup>nd</sup> Semester</b>							
<b>Type of course</b>	<b>Course code</b>	<b>Title of the Course</b>	<b>L-T-P /Week</b>	<b>No. of Credits</b>	<b>End Semester Exams</b>	<b>Internal Assessment</b>	<b>Total Marks</b>
Core course 1	MPG20 1T	Medicinal Plant biotechnology	4-0-0	4	75	25	100
Core course 2	MPG10 2T	Advanced Pharmacognosy-II	4-0-0	4	75	25	100
Core course 3	MPG20 3T	Indian system of medicine	4-0-0	4	75	25	100
Core course 4	MPG20 4T	Herbal cosmetics	4-0-0	4	75	25	100
Core course practical 1	MPG20 5P	Pharmacognosy Practical II	0-0-12	6	100	50	150
	-	Seminar/Assignment	0-0-7	4	100	-	100
<b>Total Credits</b>				<b>26</b>			

## SCHOOL OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

### M. Pharm 3<sup>rd</sup> & 4<sup>th</sup> Semester (Common for all specializations)

<b>3<sup>rd</sup> Semester</b>							
Type of course	Course code	Title of the Course	L-T-P /Week	No. of Credits	End Semester Exams	Internal Assessment	Total Marks
Core course 1	MRM 301T	Research Methodology and Biostatistics*	4-0-0	4	75	25	100
Core course 2	-	Journal club	0-0-1	1	-	25	25
Core course 3	-	Discussion / Presentation (Proposal Presentation)	0-0-2	2	-	50	50
Core course 4	-	Research Work	0-0-28	14	350	-	350
<b>Total Credits</b>				<b>21</b>			
<b>4<sup>th</sup> Semester</b>							
Type of course	Course code	Title of the Course	L-T-P /Week	No. of Credits	End Semester Exams	Internal Assessment	Total Marks
Core course 1	--	Journal Club	0-0-1	1	-	25	25
Core course 2	--	Research work and Colloquium	0-0-31	16	400	-	400
Core course 3	--	Discussion/Final Presentation	0-0-3	3	-	75	75
<b>Total Credits</b>				<b>20</b>			