

**SEMESTER/YEAR : II SEM**

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**BRANCH / SPECILIZATION: PHARMACEUTICS**

**SEMESTER - I**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPH101	MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPH102	DRUG DELIVERY SYSTEM	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPH103	MODERN PHARMACEUTICS	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPH104	REGULATORY AFFAIR	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPH105	PHARMACEUTICS PRACTICAL I	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPH106	SEMINAR /ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**SEMESTER - 2**

SL	COURSE CODE	COURSE TITLE	CH	CP	H W	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPH201	MOLECULAR PHARMACEUTICS (NANOTECH AND TARGETED DDS)	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPH202	ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPH203	COMPUTER AIDED DRUG DELIVERY SYSTEM	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPH204	COSMETIC AND COSMECEUTICALS	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPH205	PHARMACEUTICALS PRACTICAL II	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPH206	SEMINAR /ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**CH - CREDIT HOURS, CP - CREDIT POINTS, HW - HOURS PER WEEK, CM - CONTINUOUS MODE, SE- SESSIONAL EXAMS, M - MARKS, D - DURATION, T- TOTAL, H - HOURS**

**BRANCH / SPECILIZATION: PHARMACEUTICAL CHEMISTRY SEMESTER - I**

**SEMESTER/YEAR : II SEM**

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SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPC101	MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPC102	ADVANCED ORGANIC CHEMISTRY -I	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPC103	ADVANCED MEDICINAL CHEMISTRY	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPC104	CHEMISTRY OF NATURAL PRODUCTS	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPC105	PHARMACEUTICAL CHEMISTRY PRACTICAL I	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPC106	SEMINAR/ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**SEMESTER - 2**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPC201	ADVANCED SPECTRAL ANALYSIS	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPC202	ADVANCED ORGANIC CHEMISTRY -II	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPC203	COMPUTER AIDED DRUG DESIGN	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPC204	PHARMACEUTICAL PROCESS CHEMISTRY	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPC205	PHARMACEUTICAL CHEMISTRY PRACTICAL II	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPC206	SEMINAR/ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**CH - CREDIT HOURS , CP - CREDIT POINTS , HW - HOURS PER WEEK , CM - CONTINUOUS MODE , SE-  
SESSIONAL EXAMS,  
M - MARKS , D - DURATION , T- TOTAL , H - HOURS**

**BRANCH / SPECILIZATION: PHARMACOLOGY  
SEMESTER - I**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPL101	MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPL102	ADVANCED PHARMACOLOGY-I	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPL103	PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS-I	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPL104	CELLULAR AND MOLECULAR PHARMACOLOGY	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPL105	EXPERIMENTAL PHARMACOLOGY - I	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPL106	SEMINAR/ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**SEMESTER - 2**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPL201	ADVANCED PHARMACOLOGY II	4	4	4	10	15	1 H	25	75	3 H	100
2	17MPL202	PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS- II	4	4	4	10	15	1 H	25	75	3 H	100
3	17MPL203	PRINCIPLES OF DRUG DISCOVERY	4	4	4	10	15	1 H	25	75	3 H	100
4	17MPL204	CLINICAL RESEARCH AND PHARMA COVIGILANCE	4	4	4	10	15	1 H	25	75	3 H	100
5	17MPL205	EXPERIMENTAL PHARMACOLOGY - II	12	6	12	20	30	6 H	50	100	6 H	150
6	17MPL206	SEMINAR/ASSIGNMENT	7	4	7	-	-	-	-	-	-	100
<b>GRAND TOTAL</b>			<b>35</b>	<b>26</b>	<b>35</b>							<b>650</b>

**CH - CREDIT HOURS , CP - CREDIT POINTS , HW - HOURS PER WEEK , CM - CONTINUOUS MODE , SE- SESSIONAL EXAMS, M - MARKS , D - DURATION , T- TOTAL , H - HOURS**

**SEMESTER/YEAR : II SEM**  
**:**  
**:**  
**COMMON TO ALL SPECIALIZATIONS**

**SEMESTER - 3**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPR301	RESEARCH METHODOLOGY AND BIOSTATISTICS*	4	4	4	10	15	1H	25	75	3H	100
2	17MPR302	JOURNAL CLUB	1	1	1	-	-	-	25	-	-	25
3	17MPR303	DISCUSSION / PRESENTATION (PROPOSAL PRESENTATION)	2	2	2	-	-	-	50	-	-	50
4	17MPR304	RESEARCH WORK*	28	14	18	-	-	-	-	350	1H	350
<b>GRAND TOTAL</b>			<b>35</b>	<b>21</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>525</b>

**SEMESTER - 4**

SL	COURSE CODE	COURSE TITLE	CH	CP	HW	INTERNAL ASSESMENT				END SEM EXAM		TOTAL
						CM	SE		T	M	D	
							M	D				
1	17MPR401	JOURNAL CLUB	1	1	1	-	-	-	25	-	-	25
2	17MPR402	DISCUSSION / PRESENTATION (PROPOSAL PRESENTATION)	3	3	3	-	-	-	75	-	-	75
3	17MPR403	RESEARCH WORK AND COLLOQUIUM	31	16	31	-	-	-	-	400	1H	400
<b>GRAND TOTAL</b>			<b>35</b>	<b>20</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500</b>

**CH - CREDIT HOURS , CP - CREDIT POINTS , HW - HOURS PER WEEK , CM - CONTINUOUS MODE , SE-  
SESSIONAL EXAMS, M - MARKS , D - DURATION , T- TOTAL , H - HOURS**  
**\*NON UNIVERSITY EXAMINATION**