

BIRLA INSTITUTE OF TECHNOLOGY- MESRA, RANCHI
NEW COURSE STRUCTURE - To be effective from academic session 2018- 19
Based on CBCS & OBE model

Recommended scheme of study for M.Pharm (Pharmacology) Program as per PCI Syllabus (Education Regulation 2014)

SEMESTER / Session of Study (Recommended)	Course Level	Category of course	Course Code	Courses	Mode of delivery & credits <i>L-Lecture; T-Tutorial;P- Practicals</i>			Total Credits <i>C- Credits</i>	
					L (Periods/w eek)	T (Periods/ week)	P (Periods/ week)	C	
FIRST Monsoon	Fifth	THEORY							
		Programme Core (PC)	MPL101T	Modern Pharmaceutical Analytical Techniques	4	0	0	4	
			MPL102T	Advanced Pharmacology I	4	0	0	4	
			MPL103T	Pharmacological & Toxicological Screening Methods I	4	0	0	4	
			MPL104T	Cellular and Molecular Pharmacology	4	0	0	4	
		LABORATORIES							
		Programme Core (PC)	MPL105P	Pharmacology Practical I	0	0	12	6	
			MPL106S	Seminar/Assignment	0	0	7	4	
		TOTAL							26
		THEORY							
SECOND Spring	Fifth	THEORY							
		Programme Core (PC)	MPL201T	Advanced Pharmacology II	4	0	0	4	
			MPL202T	Pharmacological & Toxicological Screening Methods II	4	0	0	4	
			MPL203T	Principles of Drug Discovery	4	0	0	4	
			MPL204T	Experimental Pharmacology	4	0	0	4	
		LABORATORIES							
		Programme Core (PC)	MPL205P	Pharmacology Practical II	0	0	12	6	
			MPL206S	Seminar/Assignment	0	0	7	4	
		TOTAL							26
		TOTAL FOR FIFTH LEVEL							52

		THEORY						
THIRD Monsoon	Sixth	Programme Core (PC)	MRM301T	Research Methodology and Biostatistics*	4	0	0	4
		LABORATORY						
		Programme Core (PC)	MPL301	Journal club	0	0	1	1
			MPL302	Discussion / Presentation (Proposal Presentation)	0	0	2	2
			MPL303	Research Work	0	0	28	14
		TOTAL						
		LABORATORIES						
FOURTH Spring	Sixth	Programme Core (PC)	MPL401	Journal Club	0	0	1	1
			MPL402	Discussion/Final Presentation	0	0	3	3
			MPL403	Research Work	0	0	31	16
			MPL404	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	0	0	0	4
		TOTAL						
TOTAL FOR SIXTH LEVEL							45	
GRAND TOTAL FOR M. PHARM PROGRAMME (52 + 45)							97	