

Dr. D.Y. Patil School of Allied Health Sciences

**Dr. D. Y. Patil Vidyapeeth, Pune
(Deemed to be University)**



Programme Framework

**Master of Science in Clinical Research
(M.Sc. CR)**

First Year First Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
MCR 101	Health and Disease	5	1	6	75	30	105	40	80	80	200
MCR 102	Clinical Research Methodologies - Basic	5	2	7	75	60	135	40	80	80	200
MCR 103	Basics of Pharmacology, Drug Discovery and Development	5	2	7	75	60	135	40	80	80	200
	Total	15	5	20	225	150	375	120	240	240	600

Second Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
MCR 201	Clinical Data Management - Basic	5	1	6	75	30	105	40	80	80	200
MCR 202	Statistics for Clinical Research - Basic	5	2	7	75	60	135	40	80	80	200
MCR 203	Reporting and Medical Writing - I	5	2	7	75	60	135	40	80	80	200
	Total	15	5	20	225	150	375	120	240	240	600

Second Year Third Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
MCR 301	Pharmacology - II	5	1	6	75	30	105	40	80	80	200
MCR 302	Clinical Research Methodologies - Advanced	5	2	7	75	60	135	40	80	80	200
MCR 303	Statistics for Clinical Research - Advanced	5	2	7	75	60	135	40	80	80	200
	Total	15	5	20	225	150	375	120	240	240	600

Fourth Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
MCR 401	Clinical Data Management Advanced	3	2	5	45	60	105	20	80	80	200
	Reporting and Medical Writing II	2	3	5	30	90	120	20			
MCR 402	Clinical Research Management	3	2	5	45	60	105	40	80	80	200
MCR 403	Dissertation	1	4	5	15	120	135	100		100	200
	Total	9	11	20	135	330	465	180	160	260	600