

Course Code	Name of the Course	Marks		Credits
		CA	SEE	
First Semester				
PMC2401	Introduction to Programming with Python (Core Course)	40	60	4
PMC2402	Database Management Systems (Core Course)	40	60	4
PMC2403	Software Engineering (Core Course)	40	60	4
PMC2404	Introduction to Data Science (Core Course)	40	60	4
PMC2405	Networking and System Administration (Core Course)	40	60	4
PMC2406	Programming Lab in Python (Core Course)	50	50	2
PMC2407	Mini Project - I (Core Course)	50	50	2
PMC2408	Domain Expertise Workshop - I (Extra Credit Course)	50	0	1
PMC2409	Entrepreneurship and Innovations (Extra Credit Course)	100	0	2
	Total	300	400	24
Second Semester				
PMC2410	Graph Theory and Operations Research (Core Course)	40	60	4
PMC2411	Web Development using Django Framework (Core Course)	40	60	4
PMC2412	Data Structures and Analysis of Algorithms (Core Course)	40	60	4
PMC2413	Machine Learning (Core Course)	40	60	4
PMC2414	Cloud Computing (Core Course)	40	60	4
PMC2415	Applications of Database (Core Course)	40	60	4
PMC2416	Mini Project - II (Core Course)	50	50	2
PMC2417	Social Initiatives (Extra Credit Course)	50	0	1
	Total	290	410	26
Third Semester				
PMC2418	Programming in Java (Core Course)	40	60	4
PMC2419	Artificial Intelligence (Core Course)	40	60	4
PMC2420	Internet of Things (Core Course)	40	60	4
PMC2421A	Natural Language Processing (Core Course)	40	60	4
PMC2421B	Introduction to Java script and ReactJS (Core Course)			
PMC2421C	Configuration Management Automation (Core Course)			
PMC2421D	Entrepreneurship and Intrapreneurship (Core Course)			
PMC2422	Programming Lab in Java (Core Course)	50	50	2
PMC2423	Mini Project- III and Project Presentation (Core Course)	50	50	2
PMC2424	Domain Expertise Workshop II (Extra Credit Course)	50	0	1
	Total	260	340	20
Fourth Semester				
PMC2425	Innovative Initiatives (Core Course)	50	0	1
PMC2426	Internship (Core Course)	50	100	6
PMC2427	Main Project (Core Course)	150	100	10
PMC2428	Viva Voce (Core Course)	0	50	3
PMC2429	Domain Expertise Workshop III (Extra Credit Course)	50	0	1
	Total	250	250	20