Category Credit Detail

Sl.No.	Description	Credits	Maximum Credit
1	DC - Discipline Core	28	28
2	DE - Discipline Elective	13	13
3	PI - Projects and Internship	31	31
4	OE - Open Elective	3	3
5	SE - Skill Enhancement	5	5
Total Credits		80	

Discipline Core

sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PMAT501L	Probability and Statistics	Theory Only	1.0	3	0	0	0	3.0
2	PMCA501L	Data structures and Algorithms	Theory Only	1.0	3	0	0	0	3.0
3	PMCA501P	Data structures and Algorithms Lab	Lab Only	1.0	0	0	2	0	1.0
4	PMCA502L	Java Programming	Theory Only	1.0	3	0	0	0	3.0
5	PMCA502P	Java Programming Lab	Lab Only	1.0	0	0	2	0	1.0
6	PMCA503L	Database Systems	Theory Only	1.0	3	0	0	0	3.0
7	PMCA503P	Database Systems Lab	Lab Only	1.0	0	0	2	0	1.0
8	PMCA504L	Software Engineering	Theory Only	1.0	3	0	0	0	3.0
9	PMCA505L	Data Communication and Networking	Theory Only	1.0	3	0	0	0	3.0
10	PMCA506L	Cloud Computing	Theory Only	1.0	3	0	0	0	3.0
11	PMCA507L	Machine Learning	Theory Only	1.0	3	0	0	0	3.0
12	PMCA507P	Machine Learning Lab	Lab Only	1.0	0	0	2	0	1.0

Discipline Elective

sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PMCA601L	Full Stack Web Development	Theory Only	1.0	3	0	0	0	3.0
2	PMCA601P	Full Stack Web Development Lab	Lab Only	1.0	0	0	2	0	1.0
3	PMCA602L	Python Programming	Theory Only	1.0	2	0	0	0	2.0
4	PMCA602P	Python Programming Lab	Lab Only	1.0	0	0	2	0	1.0
5	PMCA603L	Mobile Application Design and Development	Theory Only	1.0	2	0	0	0	2.0
6	PMCA603P	Mobile Application Design and Development Lab	Lab Only	1.0	0	0	2	0	1.0
7	PMCA604L	Soft Computing	Theory Only	1.0	3	0	0	0	3.0
8	PMCA605L	Cyber Security	Theory Only	1.0	3	0	0	0	3.0
9	PMCA606L	Internet of Things	Theory Only	1.0	3	0	0	0	3.0
10	PMCA607L	Big Data Analytics	Theory Only	1.0	3	0	0	0	3.0
11	PMCA608L	Deep Learning Techniques	Theory Only	1.0	3	0	0	0	3.0
12	PMCA609L	Social Network Analysis	Theory Only	1.0	3	0	0	0	3.0
13	PMCA610L	Blockchain Technologies	Theory Only	1.0	3	0	0	0	3.0

			Discipline Elective							
14	PMCA611L	Artificial Intelligence	Theory Only	1.0	3	0	0	0	3.0
15	PMCA612L	Domain Specific Predictive Analytics	Theory Only	1.0	3	0	0	0	3.0
16	PMCA613L	Digital Forensics	Theory Only	1.0	3	0	0	0	3.0
17	PMCA614L	Software Testing	Theory Only	1.0	2	0	0	0	2.0
18	PMCA614P	Software Testing Lab	Lab Only	1.0	0	0	2	0	1.0
19	PMCA615L	Software Project Management	Theory Only	1.0	3	0	0	0	3.0
20	PMCA616L	Storage Systems and Management	Theory Only	1.0	3	0	0	0	3.0
21	PMCA617L	Data Visualization	Theory Only	1.0	2	0	0	0	2.0
22	PMCA617P	Data Visualization Lab	Lab Only	1.0	0	0	2	0	1.0
23	PMCA618L	Industry 4.0	Theory Only	1.0	3	0	0	0	3.0
24	PMCA619L	Game Programming	Theory Only	1.0	3	0	0	0	3.0
25	PMCA619P	Game Programming Lab	Lab Only	1.0	0	0	2	0	1.0
26	PMCA620L	Programming in C#	Theory Only	1.0	3	0	0	0	3.0
27	PMCA620P	Programming in C# Lab	Lab Only	1.0	0	0	2	0	1.0
28	PMCA621L	Data Science	Theory Only	1.0	2	0	0	0	2.0
29	PMCA621P	Data Science Lab	Lab Only	1.0	0	0	2	0	1.0
30	PMCA622L	Optimization Techniques	Theory Only	1.0	3	0	0	0	3.0
31	PMCA623L	Business Data Analytics	Theory Only	1.0	3	0	0	0	3.0

			Projects and Internship						
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PMCA698J	Internship I/ Dissertation I	Project	1.0	0	0	0	0	12.0
2	PMCA699J	Internship II/ Dissertation II	Project	1.0	0	0	0	0	15.0
3	PSET695J	Project Work	Project	1.0	0	0	0	0	4.0

			Open Elective						
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PSTS601L	Advanced Competitive Coding	Soft Skill	1.0	3	0	0	0	3.0

			Skill Enhancement						
sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PENG501P	Technical Report Writing	Lab Only	1.0	0	0	4	0	2.0
2	PSTS501P	Qualitative Skills Practice	Soft Skill	1.0	0	0	3	0	1.5
3	PSTS502P	Quantitative Skills Practice	Soft Skill	1.0	0	0	3	0	1.5