Category Credit Detail

Sl.No.	Description	Credits	Maximum Credit
1	DC - Discipline Core	28	28
2	DE - Discipline Elective	21	21
3	PI - Projects and Internship	20	20
4	OE - Open Elective	6	6
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	PMDS501L	Applied Linear Algebra	Theory Only	1.0	3	0	0	0	3.0
2	PMDS502L	Probability and Distribution Models	Theory Only	1.0	3	0	0	0	3.0
3	PMDS503L	Statistical Inference	Theory Only	1.0	2	0	0	0	2.0
4	PMDS503P	Statistical Inference Lab	Lab Only	1.0	0	0	2	0	1.0
5	PMDS504L	Regression Analysis and Predictive Models	Theory Only	1.0	3	0	0	0	3.0
6	PMDS504P	Regression Analysis and Predictive Models Lab	Lab Only	1.0	0	0	2	0	1.0
7	PMDS505L	Data Mining and Machine Learning	Theory Only	1.0	3	0	0	0	3.0
8	PMDS505P	Data Mining and Machine Learning Lab	Lab Only	1.0	0	0	2	0	1.0
9	PMDS506L	Database Management Systems	Theory Only	1.0	3	0	0	0	3.0
10	PMDS506P	Database Management Systems Lab	Lab Only	1.0	0	0	2	0	1.0
11	PMDS507L	Big Data Analytics	Theory Only	1.0	2	0	0	0	2.0
12	PMDS507P	Big Data Analytics Lab	Lab Only	1.0	0	0	2	0	1.0
13	PMDS508L	Python Programming	Theory Only	1.0	2	0	0	0	2.0
14	PMDS508P	Python Programming Lab	Lab Only	1.0	0	0	4	0	2.0

Discipline Elective

sl.no	Course Code	Course Title	Course Type	Version	L	T	P	J	Credits
1	PMDS601L	Artificial Intelligence	Theory Only	1.0	3	0	0	0	3.0
2	PMDS601P	Artificial Intelligence Lab	Lab Only	1.0	0	0	2	0	1.0
3	PMDS602L	Advanced Machine Learning	Theory Only	1.0	3	0	0	0	3.0
4	PMDS602P	Advanced Machine Learning Lab	Lab Only	1.0	0	0	2	0	1.0
5	PMDS603L	Deep Learning	Theory Only	1.0	3	0	0	0	3.0
6	PMDS603P	Deep Learning Lab	Lab Only	1.0	0	0	2	0	1.0
7	PMDS604L	Exploratory Data Analysis	Theory Only	1.0	2	0	0	0	2.0
8	PMDS604P	Exploratory Data Analysis Lab	Lab Only	1.0	0	0	2	0	1.0
9	PMDS605L	Data Structures and Algorithms	Theory Only	1.0	3	0	0	0	3.0
10	PMDS605P	Data Structures and Algorithms Lab	Lab Only	1.0	0	0	2	0	1.0
11	PMDS606L	Natural Language Processing	Theory Only	1.0	3	0	0	0	3.0

			Discipline Elective						
12	PMDS606P	Natural Language Processing Lab	Lab Only	1.0	0	0	2	0	1.0
13	PMDS607L	Optimization Techniques	Theory Only	1.0	3	0	0	0	3.0
14	PMDS608L	Healthcare Analytics	Theory Only	1.0	2	0	0	0	2.0
15	PMDS608P	Healthcare Analytics Lab	Lab Only	1.0	0	0	2	0	1.0
16	PMDS609L	Blockchain Technology	Theory Only	1.0	2	0	0	0	2.0
17	PMDS610L	Financial Analytics	Theory Only	1.0	2	0	0	0	2.0
18	PMDS610P	Financial Analytics Lab	Lab Only	1.0	0	0	2	0	1.0
19	PMDS611L	Multivariate Data Analysis	Theory Only	1.0	3	0	0	0	3.0
20	PMDS611P	Multivariate Data Analysis Lab	Lab Only	1.0	0	0	2	0	1.0
21	PMDS612L	Statistics for Managers	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	PSET695J	Project Work	Project	1.0	0	0	0	0	4.0

			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