

29	21CA323 2(PE5)	Machine Learning	CO1	To understand the basic concepts of statistical learning methods and models	2									2			
			CO2	To understand the importance of supervised learning in classifying class labels for prediction			2								2		
			CO3	To understand the different algorithms related to classification techniques					2							2	
			CO4	To Understand the assumptions in estimating regression coefficients using OLS				2						2	1		
			CO5	Create					2							2	

S.NO.	COURSE CODE	COURSE NAME	CATEGORY	L	T	P	S	PO's								PSO's	
								1	2	3	4	5	6	7	8	1	2
1	20UC1101	Integrated Professional English(HSS1)	HSS	0	0	4	2	2				2			2		2
2	21CA1104	Mathematics for Computer Science(BS1)	BS	3	0	2	4	2									2
3	21CA1101	Problem Solving through Programming	Prof.Core	3	0	2	4	2							2	2	
4	21CA1205	Operating Systems	Prof.Core	2	1	2	4	2	3							3	
5	21CA2110	Database Management System	Prof.Core	3	0	2	4	2	2							2	
6	21CA1102	Computer Organization & Architecture	Prof.Core	3	0	0	3	2	2							2	
7	21UC0009	Ecology & Environment(BS2)	HSS	2	0	0	2					2		2		2	
8	20UC1202	English Proficiency	HSS	0	0	4	2	2				2					2
9	21CA1207	Object Oriented Programming	Prof.Core	2	0	4	4	2	3					3		3	
10	21CA1206	Data Structures	Prof.Core	2	0	4	4	2	3							3	
11	21CA2111	Computer Networks	Prof.Core	3	1	0	4	2								2	
12	21CA2109	Software Engineering	Prof.Core	4	0	0	0	2			2	2				2	
13	21CA2112	Web Development using Python	Prof.Core	2	0	2	3	1	2							2	
14	21UC0010	Universal Human Values & Professional Ethics	HSS	1	0	2	2					2				2	

15	21CA1103	Essentials of Information Technology	Prof. Core	3	0	2	4	2	3	3							3
16	21CA1209	Web AND Social Media Technologies	Prof.Core	3	0	0	3	2	2			2				2	
17	21CA1208	Mobile Application Development	Prof.Core	2	0	2	3	3		2	2				2	3	
18	21CA2213	Java Full Stack Development	Prof.Core	3	1	0	4	2		1		2				2	
19	21CA2214	Object Oriented Analysis & Design	Prof.Core	2	0	2	3	2			2	2				2	
20	21UC2103	Design Thinking & Innovation(HSS3)	HSS	1	0	0	4	2			2					2	
21	21CA2115	Cloud Architecture	Prof.Elec	2	0	2	0	2		2				2		2	
22	21CA2119	Data Warehousing & Mining	Prof.Elec	2	0	2	0			2					2		2
23	21CA2216	Cloud Information Security	Prof.Elec	4	0	0	0	2			2					2	
24	21CA2220	Probability and Statistics	Prof.Elec	4	0	0	0		2			2				2	
25	21CA3127	Ethical Hacking	Prof.Elec	2	0	2	0	2		2							2
26	21CA3130	Big Data Analytics	Prof.Elec	2	0	2	0	2			2					2	
27	21CA3228	Cloud Web Services	Prof.Elec	2	0	2	4	2		2				2		2	
28	21CA3231	Data Visualization	Prof.Elec	2	0	2	4	2		2			2			2	
29	21CA3229	Design and Development of	Prof.Elec	2	0	2	4	2		2					2	2	

		Cloud Application																	
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**Program
Articulation
Matrix**

(Mapping of courses with POs)