

8. Program Articulation Matrix																
Course Code	Course Name	Programme Learning Outcomes														
		Disciplinary Knowledge	Critical Thinking	Problem Solving	Analytical Reasoning	Research Skills	Team Work	Scientific Reasoning	Reflective Thinking	Self-Directed Learning	Multicultural Competence	Ethical Reasoning	Community Engagement	ICT Skills	Leadership Skills	Lifelong Learning
PAD21101T	Statistical Foundations	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21102J	Data Analysis Fundamentals	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21201J	Data Visualization and Concepts	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21202J	Building Machine Learning Pipelines	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21301J	Deep Learning for Data Science	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21302T	Enterprise Machine Learning	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21D01T	Data Engineering and Governance	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D02T	Data Architecture and Big Data	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D03T	Data Mining and Warehousing	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D04T	Machine Learning Model Management	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D05T	Natural Language Processing	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D06T	Reinforcement Learning for AI	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D07J	Cloud Computing	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D08J	Exploratory Data Analysis	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21D09J	Social Media and Text Analytics	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PAD21G01T	Mathematics for Data Science	H	H	H	H	H	M	M	L	M	H	M	M	H	H	M
PAD21G02T	Digital Marketing Analytics	H	H	H	H	H	M	M	L	M	H	M	M	H	H	M
PAD21G03T	Time Series Analysis	H	H	H	H	H	M	M	L	M	H	M	M	H	H	M
PAD21S01T	Machine Learning for Data Science	H	H	H	H	H	M	M	L	M	M	H	H	M	H	H
PAD21S02J	Artificial Intelligence	H	H	H	H	H	M	M	L	M	H	M	M	H	H	M
PAD21P01L	Internship	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PAD21P02L	Mini Project Work	H	H	H	H	H	M	M	L	M	M	M	H	M	H	H
PAD21P03L	Project Work	H	H	H	H	H	M	M	L	M	M	M	H	M	H	H
PCD21AE1T	Professional Skills and Problem Solving	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCD21AE2T	General Aptitude for Competitive Examinations	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCD21AE3T	Employability Skills	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
	Program Average	H	H	H	H	H	M	M	M	M	M	M	H	H	H	H

H – High Correlation, M – Medium Correlation, L – Low Correlation