

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	Life Long Learning
PCA20C01J	Programming Using Java	H	H	H	H	H	L	M	L	M	M	H	H	M	H	H
PCA20C02J	Operating System	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M
PCA20C03J	Database Technology	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20C04J	Python Programming	H	M	M	H	H	H	M	H	H	H	H	L	M	M	H
PCA20C05J	Computer Networks	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PCA20C06T	Optimization Techniques	H	H	H	H	H	L	M	L	M	M	H	H	M	H	H
PCA20C07J	Object Oriented Analysis and Design	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M
PCA20D01J	Advanced Web Application Development	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20D02J	Cyber Security	H	M	M	H	H	H	M	H	H	H	H	L	M	M	H
PCA20D03J	Software Engineering	H	M	M	H	H	H	M	H	H	H	H	L	M	M	H
PCA20D04J	Android Applications Development	H	H	H	H	H	L	M	L	M	M	H	H	M	H	H
PCA20D05J	Programming using C#	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M
PCA20D06J	Software Testing	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20D07J	Artificial Intelligence and Machine Learning	H	M	M	H	H	H	M	H	H	H	H	L	M	M	H
PCA20D08J	Cloud Computing	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PCA20D09J	Internet of Things (IoT)	H	H	H	H	H	L	M	L	M	M	H	H	M	H	H
PCA20S01J	IT Infrastructure Management	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M
PCA20S02J	Data Analysis Using R	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20G01T	Software Project Management	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PCA20G02T	Data Warehouse and Data Mining	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PCA20G03T	Organizational Behavior and Professional Ethics	H	H	H	H	H	L	M	L	M	M	H	H	M	H	H
PCA20G04T	Social Network Analysis	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M
PCA20P01L	Internship	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20P02L	Mini Project Work	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
PCA20P03L	Project Work	H	H	H	H	H	L	M	L	M	M	M	H	M	H	H
PCA20AE1T	Career Advancement– I	H	H	H	H	H	M	H	M	M	M	H	H	H	M	M
PCA20AE2T	Career Advancement - II	H	M	M	H	H	H	M	H	H	H	H	L	M	M	H
PCA20AE3T	Career Advancement– III	M	M	H	H	M	H	M	H	H	H	M	M	H	M	M
	Program Average	H	H	H	H	H	L	M	L	M	H	M	M	H	H	M

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