Semester - I	7. Implementation Plan												
Course Code	Semester - I							Semester - II					
PCA20C01J Programming Using Java 3 0 2 4 PCA20C02J Operating System 3 0 2 4 PCA20C03J Database Technology 3 0 2 4 PCA20C03J Database Technology 3 0 2 4 PCA20C03J Database Technology 3 0 2 4 PCA20C003J Database Technology 4 0 0 4 PCA20D02J Cyber Security Development PCA20D02J Cyber Security 3 0 2 4 PCA20D03J Software Engineering PCA20003J Total Learning Credits 23 PCA20AE2T Career Advancement—I 3 0 0 3 Total Learning Credits 23 PCA20AE2T Career Advancement—II 3 0 0 3 Total Learning Credits 23 PCA20D03J Artificial Intelligence and Machine Learning PCA20D03J Internet of Things (loT) PCA20D03J Data Malysis and Mining PCA20G03T Organizational Behavior and Professional Ethics PCA20G04T Social Network Analysis PCA20G04T Social Network Analysis PCA20AE3T Career Advancement—III 3 0 0 3 3 0 0 3 3 0 0		Course Title		Week		С		3436 35	Course Title		Week		С
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PCA20D01J Advanced Web Application Development PCA20D02J Cyber Security PCA20D03J Software Engineering PCA20D03J Software Engineering PCA20D03J Software Engineering PCA20D03J Total Learning Credits PCA20D06J Programming using C# PCA20D06J Software Testing PCA20AE2T Career Advancement—II 3 0 0 0 3 Total Learning Credits 23 Total Learning Credits Software Testing PCA20AE2T Career Advancement—II 3 0 0 0 3 Total Learning Credits Software Testing PCA20AE2T Career Advancement—II Software Testing PCA20A	PCA20C02J Operating System			3 () 2	4	85	PCA20C05J	Computer Networks	3	0	2	4
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PCA20S0510 IT Infrastructure Management	PCA20D02J Cyber Security			3 (1 2	4				_ 3	U	2	4
Course Code Course Title Hours Week Code Course Title Hours Design Artificial Intelligence and Machine Learning Hours PCA20D09J Internet of Things (IoT) PCA20P01L Internship PCA20B01T Software Project Management PCA20G03T Data Warehouse and Data Mining PCA20G04T Social Network Analysis PCA20AE3T Career Advancement- III 3 0 0 3 Total Learning Credits 23 Total Learning Credits 24 Total Learning Credits 25 Total Learn							360	PCA20D06J	Software Testing		3 8		
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Course Course Title Week C L T P	Semester – III												
PCA20C07J Object Oriented Analysis and Design PCA20D07J Artificial Intelligence and Machine Learning PCA20D08J Cloud Computing PCA20D09J Internet of Things (IoT) PCA20P01L Internship PCA20P01L Internship PCA20G01T Software Project Management PCA20G02T Data Warehouse and Data Mining PCA20G04T Social Network Analysis PCA20G04T Social Network Analysis PCA20AE3T Career Advancement—III Semester - IV Course Course Title Course Title PCA20F03L Project Work Total Learning Credits 12 Total Learning Credits:80		Course Title	10.00	Week		С							
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PCA20D08J Cloud Computing PCA20D09J Internet of Things (IoT) PCA20P01L Internship PCA20P02L Mini Project Work PCA20G01T Software Project Management PCA20G02T Data Warehouse and Data Mining PCA20G03T Organizational Behavior and Professional Ethics PCA20G04T Social Network Analysis PCA20AE3T Career Advancement—III 3 0 2 4 Course Code Code Code Code Code Code Code Code			_					Hours/					
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