7. Implementation Plan

Semester - I

Course Code	Course Title	L	T	P	C
PCA20C01J	Programming Using Java	3	0	2	4
PCA20C02J	Operating System	3	0	2	4
PCA20C03J	Database Technology	3	0	2	4
PCA20D01J	Advanced Web Application Development	3	0	2	4
PCA20D02J	Cyber Security				
PCA20D03J	Software Engineering				
PCA20S01J	IT Infrastructure Management	3	0	2	4
PCA20AE1T	Career Advancement– I	3	0	0	3
	Total Learning Credits				23

Semester - II

Course Code	Course Title	L	T	P	C
PCA20C04J	Python Programming	3	0	2	4
PCA20C05J	Computer Networks	3	0	2	4
PCA20C06T	Optimization Techniques	4	0	0	4
PCA20D04J	Android Applications Development	3	0	2	4
PCA20D05J	Programming using C#				
PCA20D06J	Software Testing				
PCA20S02J	Data Analysis Using R	0	3	2	4
PCA20AE2T	Career Advancement– II	3	0	0	3
	Total Learning Credits				23

Semester – III

Course Code	Course Title	L	T	P	C
PCA20C07J	Object Oriented Analysis and Design	3	0	2	4
PCA20D07J	Artificial Intelligence and Machine Learning	3	0	2	4
PCA20D08J	Cloud Computing				
PCA20D09J	Internet of Things (IoT)				
PCA20P01L	Internship	-	-	-	2
PCA20P02L	Mini Project Work	0	0	12	6
PCA20G01T	Software Project Management	3	0	0	3
PCA20G02T	Data Warehouse and Data Mining				
PCA20G03T	Organizational Behavior and Professional Ethics				
PCA20G04T	Social Network Analysis				
PCA20AE3T	Career Advancement– III	3	0	0	3
	Total Learning Credits				22

Semester - IV

Course Code	Course Title	L	T	P	C
PCA20P03L	Project Work	0	0	24	12
	Total Learning Credits				12

Total Learning Credits : 80