1. Implementation Plan

Semester - I

Course Code	Course Title	L	T	P	C
PCS21C01J	Advanced Data Structures	3	0	4	5
PCS21C02J	Advanced Java Programming	3	0	4	5
PCS21C03J	Computer Networks	3	0	4	5
PCS21E01J	Artificial Intelligence and Expert Systems	3	0	2	4
PCS21E02J	Cloud Computing				
PCS21E03J	Image Processing using Matlab				
PCS21S01J	Information Literacy	1	0	2	2
PCD21AE1T	Professional Skills and Problem Solving	1	0	0	1
	Total Hours				30
	Total Learning Credits				22

Semester - II

Course Code	Course Title	L	T	P	C
PCS21C04J	Open Source Technologies	3	0	4	5
PCS21C05J	Distributed Operating System	3	0	4	5
PCS21C06J	Big Data Analytics	3	0	4	5
PCS21E04J	Advanced Machine Learning	3	0	2	4
PCS21E05J	Internet of Things				
PCS21E06J	Block Chain Technologies				
PCS21S02J	Data Mining and Data Warehousing	1	0	2	2
PCD21AE2T	General Aptitude For Competitive Examinations	1	0	0	1
	Total Hours				30
	Total Learning Credits				22

Semester – III

Course Code	Course Title	L	T	P	C
PCS21C07J	Python Programming	4	0	2	5
PCS21C08J	Theory of Computation	4	0	2	5
PCS21E07J	Statistical Data Analytics	3	0	2	4
PCS21E08J	Cryptography and Network Security				
PCS21E09J	Compiler Design				
PCS21G01J	Deep Learning for Data Science	3	0	2	4
PCS21G02J	Software Engineering				
PCS21G03J	Research Methodology				
PCS21E31L	Miniproject	0	0	2	1
PCS21S03J	Web Development Using AngularJS and Mongo	3	0	2	4
PCD21AE3T	Employability Skills	1	0	0	1
	Total Hours				30
	Total Learning Credits				24

Semester - IV

Course Code	Course Title	L	T	P	C
PCS21E41L	Project Work	0	0	24	12
	Total hours				24
	Total Learning Credits				12

Total Learning Credits :80

Regulations-2020

1. Eligibility

B.Sc-Computer Science or B.Sc-IT or BCA or B.Sc-Mathematics or B.Sc-Statistics or B.Sc-Physics or B.Sc-Electronics, Triple major subject with Computer Science as one of the major subjects.

2. To award degree- Total 80 credits required.