

1. PG Programme Structure (Total Credits:80)

1. Professional Core Courses (C) (8Courses)							2. Discipline Elective Courses (D) (3 Courses)						
Course Code	Course Title	Hours/ Week				C	Course Code	Course Title	Hours/ Week				C
		L	T	P					L	T	P		
PCS21C01J	Advanced Data Structures	3	0	4	5		PCS21E01J	Artificial Intelligence and Expert Systems	3	0	2	4	
PCS21C02J	Advanced Java Programming	3	0	4	5		PCS21E02J	Cloud Computing					
PCS21C03J	Computer Networks	3	0	4	5		PCS21E03J	Image Processing using Matlab					
PCS21C04J	Open Source Technologies	3	0	4	5		PCS21E04J	Advanced Machine Learning					
PCS21C05J	Distributed Operating System	3	0	4	5		PCS21E05J	Internet of Things	3	0	2	4	
PCS21C06J	Big Data Analytics	3	0	4	5		PCS21E06J	Block Chain Technologies					
PCS21C07J	Python Programming	4	0	2	5		PCS21E07J	Statistical Data Analytics					
PCS21C08J	Theory of Computation	4	0	2	5		PCS21E08J	Cryptography and Network Security	3	0	2	4	
Total Learning Credits						40	PCS21E09J	Compiler Design					
							Total Learning Credits						12

3. Generic Elective Courses (G) (Any 1Course)							4. Skill Enhancement Courses(S) (3 Courses)						
Course Code	Course Title	Hours/ Week				C	Course Code	Course Title	Hours/ Week				C
		L	T	P					L	T	P		
PCS21G01J	Deep Learning for Data Science						PCS21S01J	Information Literacy	1	0	2	2	
PCS21G02J	Software Engineering	3	0	2	4		PCS21S02J	Data Mining and Data Warehousing	1	0	2	2	
PCS21G03J	Research Methodology						PCS21S03J	Web Development Using AngularJS and Mongo	3	0	2	4	
Total Learning Credits						4	Total Learning Credits						8

5. Project Work, Internship In Industry / Higher Technical Institutions(P)							6.Ability Enhancement Courses (AE) (3 Courses)						
Course Code	Course Title	Hours/ Week				C	Course Code	Course Title	Hours/ Week				C
		L	T	P					L	T	P		
PCS21E31L	Miniproject	0	0	2	1		PCD21AE1T	Professional Skills and Problem Solving	1	0	0	1	
PCS21E41L	Project Work	0	0	24	12		PCD21AE2T	General Aptitude For Competitive Examinations	1	0	0	1	
Total Learning Credits						13	PCD21AE3T	Employability Skills	1	0	0	1	
							Total Learning Credits						3