P.G. COURSE PATTERN (2019 - 2020)

Sem.	Code	Title of the Paper	Hours	Credits
I	19PCS1C01	Core Java Programming	4	4
	19PCS1C02	Discrete Mathematics	5	5
	19PCS1C03	Data Structures and Algorithms	4	4
	19PCS1C04	Digital System and Computer Architecture	4	4
	19PCS1E1A	Distributed Operating System	5	3
	19PCS1E1B	Information Security and Cyber Law		
	19PCS1CP1	Data Structure in Java Lab	5	3
	19PCS1CP2	Digital Electronics Lab	3	2
		Total	**30**	**25**
II	19PCS2C05	RDBMS with Structured Programming	4	4
	19PCS2C06	Microprocessor and Microcontroller	4	4
	19PCS2C07	Compiler Design	4	4
	19PCS2E2A	Mobile Computing	4	4
	19PCS2E2B	Computer Graphics		
	19PCS2CP3	RDBMS Lab	5	3
	19PCS2CP4	Microprocessor Lab	3	2
	19PCS2I01	Data Science using R	4	3
	19PGS2S01	Soft Skills**	2	1
	19PCS2S01	Self Study - MOOC Online Course***	-	(2)*
		Total	**30**	**25 (2)***
III	19PCS3C08	Software Engineering	4	4
	19PCS3C09	Web Programming	4	4
	19PCS3C10	Big Data Analytics	4	4
	19PCS3C11	Data Communication and Network Security	5	4
	19PCS3E3A	Digital Image Processing	5	4
	19PCS3E3B	Cloud Computing		
	19PCS3CP5	Web Programming Lab	5	3
	19PCS3CP6	Data Analytics Using Python Lab	3	2
	19PCS3S02	Case Study Using Big Data Mining Techniques (During Summer Holidays)**	-	(2)*
		Total	**30**	**25 (2)***
IV	19PCS4C12	Internet of Things	5	4
	19PCS4C13	Machine Learning and Artificial Intelligence	5	4
	19PCS4R01	Project	**20**	8
	19PCS4A01	Comprehensive Examination	-	(2)*
		Total	**30**	**16 (2)***
		Total for All Semesters	**120**	**90**

*- Extra Credit   **- Internal only   *** - Certificates has to be submitted *

Project From November 15 to February 15