Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
Scheme of Examination as per AICTE Flexible Curricula
IV Semester Bachelor of Technology (B.Tech.) [CSE - Data Science/Data Science]

For batches admitted in July, 2020 (w.e.f. Jan, 2022)

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Term work — Lab Work & Sessional		L	T	P	
1.	CD401	BSC	Introduction to Discrete Structure & Linear Algebra	70	20	10	-	-	100	3	1	-	4
2.	CD402	DC	Analysis & Design of Algorithms	70	20	10	30	20	150	4	0	2	5
3.	CD403	DC	Software Engineering	70	20	10	30	20	150	4	0	2	5
4.	CD404	DC	Introduction to Data Science	70	20	10	30	20	150	3	0	2	4
5.	CD405	DC	Operating Systems	70	20	10	30	20	150	3	0	2	4
6.	CD406	DLC*	Python for Data Science	-	-	-	30	20	50	-	-	4	2
7.	BT407	DLC	Internship II: 90 hrs Internship based on using various softwares	To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester.									3
			Total	350	100	50	150	100	750	17	1	12	24
8.	BT408	MC	Cyber Security	Audit course									
9	BT409I	MC	Indian Knowledge System	Audit course									
	NC001		NSS/NCC										

*A minimum of 2 hours per week should be allotted for the Virtual Lab along with the slot fixed for the conventional lab classes.

MST: Minimum of two mid semester tests to be conducted.

*Students can earn additional credits from the University recognized MOOC courses.

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit