

## Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

**VIII Semester**

**Bachelor of Technology (B.Tech.) [CSE - Data Science/Data Science] (w.e.f. Jan, 2024)**

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	CD801	DC-1	Compiler Design	70	20	10	30	20	150	2	1	2	4
2.	CD802	DE	Departmental Elective	70	20	10	-	-	150	3	1	-	4
3.	CD803	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
4.	CD804	D/O/E Lab	Skill Development lab	-	-	-	30	20	50		-	6	3
5.	CD805	P	Major Project-II		-	-	70	30	100	-	-	8	4
6	Additional Credits#	#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.											
			Total	210	60	30	130	70	500	8	2	16	18

Departmental Electives	Open Electives
CD 802 (A) Reinforcement Learning	CD 803 (A) Block Chain Technologies
CD 802 (B) Project Management	CD 803 (B) Time-Series Analysis
CD 802 (C) Computational Statistics	CD 803 (C) Internet of Things
CD 802 (D) Machine Learning for Data Science	CD 803 (D) Quantum Computing