

# **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal**

## **Scheme of Examination as per AICTE Flexible Curricula**

### **V Semester Bachelor of Technology (B.Tech.) [CSE - Data Science/Data Science]**

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					
1.	CD501	DC	Theory of Computation	70	20	10	30	20	150	3	-	2	4
2.	CD502	DC	Machine Learning	70	20	10	30	20	150	3	-	2	4
3.	CD503	DE	Departmental Elective	70	20	10	-	-	100	3	1	-	4
4.	CD504	OE	Open Elective	70	20	10	-	-	100	3	-	-	3
5.	CD505	D Lab	Departmental ElectiveLab	-	-	-	30	20	50	-	-	4	2
6.	CD506	O/E Lab	Open Elective Lab	-	-	-	30	20	50	-	-	4	2
7.	BT407	IN	Evaluation of Internship-II	-	-	-	-	100	100	-	-	6	3
8.		IN	Internship - III	To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester.									
9.	CD508	P	Minor Project- I	-	-	-	-	50	50			4	2
10.	Additional Credits <sup>#</sup>	<sup>#</sup> Additional credits can be earned through successful completion of credit based MOOCs Courses available on SWAYAM platform (MHRD) at respective UG level.											
			Total	280	80	40	120	230	750	12	1	22	24

Departmental Electives	Open Electives
CD 503 (A) Data Mining & Warehousing	CD 504 (A) Computer Graphics & Visualization
CD 503 (B) Pattern Recognition	CD504 (B) Data Compression
CD503 (C) Introduction to Toolkits for Data Science	CD 504 (C) Computer Organization & Architecture